Yahoo Group Archive: pfr3_group

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2008-06-20 through 2018-01-13

Source WARC: pfr3_group.7jWiSAQ.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-06-24T20-33-25Z-be075b

Messages included in this PDF: 4918

Message records with no body available in the source archive: 3

Messages omitted as spam from this PDF: 9

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. Audio mod

Yahoo group: pfr3_group
Date: 2008-06-20 22:38:07 UTC
From: w2bpi
Topic: 1 Message: 1

I am rather hard of hearing and needed more audio output. So I added a 10uf 25V electrolytic cap. between pins 1&8 on the LM386. Attach the + side to pin 1. I posted some photo's in the photo section. Building this rig was fun. The manual still has a few errors. There is a errata for some of them on Doug's site. I have had many qso"s with this rig on all 3 bands. The Blt tuner works as good as any Blt I have owned. It will not match everything but is very helpful. Thank you for creating this site. 73 George/W2BPI

2. Tuner mod, and firmware update from KD1JV

Yahoo group: pfr3_group
Date: 2008-06-20 23:30:02 UTC
From: Bruce Beford
Topic: 2 Message: 2

The following was posted to the qrp-l e-list today:

I finally was able to put up a ladder line feed "44" the other day
and try it out with the BLT in the PFR-3. Seems there is a problem.
Turns out there is too much inductance on the BLT toriod to be able
to tune 30 and 20 meters with it.

The fix is to remove a total of 4 turns from the primary winding (the
winding which connects to the "TUNE" capacitor) e.i., 2 turns each
side of the center tap. To keep the secondary turns ratio about the
same, remove 2 turns from the each the HI-Z and LOW-Z windings (1
turn on each side of the center tap) If you want to use the BLT to
tune a near 50 ohm coax feed antenna or short wire, you might want
even less turns on the LOW-Z winding, say just 2 turns, 1 on either
side of the center tap.

Also, adjust the two trimmer caps on the bottom of the TUNE cap to
maximum (fully meshed) and keep the windings on the toriod compressed
fairly close to each other instead of spread out over the core, other
wise, you might not be able to now use it on 40 meters.

With these changes I can now match the "44" on 40/30 and 20. Finding
the match is still not easy. The tuning is very sharp and you have to
make the adustments very slowly. I found that after you get the LED
to start to dim, you actually have to make it brighter again with the
TUNE control before the LOAD control will make it go out altogether.

One other issue. The firmware sent with the first 100 kits has a few
minor bugs in it. The most serious being a sluggish response to the
paddle, especially at the higher code speeds. This also affects
straight key mode, making an external keyer not work properly either.

This problem has been fixed along with a little problem with Iambic B
mode which tended to add an extra element if you wanted it or not. In
addition, I added a few new features like a TUNE mode so you can
generate a steady carrier if you use an autotuner and the rig now
remembers your last used frequency so you return to where you were
after changing bands instead of loading the default power up
frequency. (This could be handy if your bouncing between bands in a
contest, This only works as long as the rig is on). Finally, when you
go into DFE mode, the display now shows [- - -. -] instead of
blanking, so you know your in DFE mode and the rig didn't just go
to sleep.

If you just recently bought a PFR-3, then you probibly have the new
firmware. The MEGA48 will have a red dot on it if it is. Otherwise, I
would suggest you send the MEGA48 chip back to me for reprogramming.

Be sure to send it in a way the pins don't get crushed in the mail. (small padded envelope or box) If you don't have a piece of black anti-static foam to put the chip on, cut a few strips of cardboard to slide bewteen the pins and wrap it in tin foil.

A return label and postage would be appreciated, but not required. I will try to return the chip as soon as possible. Send it to me at

Steven Weber
633 Champlain St
Berlin, NH 03570

Sorry for this incovenience.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://kd1jv.qrpradio.com

(posted by Bruce, N1RX)

3. New Group - New Member

Yahoo group: pfr3_group
Date: 2008-06-20 23:51:20 UTC
From: wa5buc
Topic: 3 Message: 3

TNX Joe for picking up the ball and running with it. This was the best thing to do. Things would have gotten messy if we had stayed with another dedicated group -- still love my RockMite. I will put this out on the Houston QRP site. 72/73 Fred - WA5BUC

4. PFR build

Yahoo group: pfr3_group
Date: 2008-06-21 00:55:15 UTC
From: Paul Smith
Topic: 4 Message: 4

Hello guys and tnx for putting up a yahoo group for this radio.
I have built some SW kits and tuners and such but never anything like this. I don't think the MEGA 48 chip in my rig has the red spot on it. by the # 1 pin notch there is a tiny triangle. Is that the mark or does my chip need to go for re-programming? I have completed Group 1 and smoke test and Group 2 smoke test worked and I have a receiver that hears 40 meters. On to the next step.
Thanks
Paul N0NBD

5. Re: PFR build

Yahoo group: pfr3_group
Date: 2008-06-21 01:11:41 UTC
From: w2bpi
Topic: 4 Message: 5

I sent mine in to Steve and got it back real Quick! 73 George/W2BPI
>
> Hello guys and tnx for putting up a yahoo group for this radio.
> I have built some SW kits and tuners and such but never anything like
> this. I don't think the MEGA 48 chip in my rig has the red spot on
it.
> by the # 1 pin notch there is a tiny triangle. Is that the mark or
> does my chip need to go for re-programming? I have completed Group 1
> and smoke test and Group 2 smoke test worked and I have a receiver
> that hears 40 meters. On to the next step.
> Thanks
> Paul N0NBD
>

6. Re: [pfr3_group] New Group - New Member

Yahoo group: pfr3_group
Date: 2008-06-21 01:24:45 UTC
From: J. Feustle
Topic: 3 Message: 6

Hi, Fred.

Happy to be able to help. Now, all I have to do is finish building mine!

72/73

Joe
On Fri, 2008-06-20 at 23:51 +0000, wa5buc wrote:
> TNX Joe for picking up the ball and running with it. This was the
> best thing to do. Things would have gotten messy if we had stayed
> with another dedicated group -- still love my RockMite. I will put
> this out on the Houston QRP site. 72/73 Fred - WA5BUC
>
>
>
>
>

7. New to the group

Yahoo group: pfr3_group
Date: 2008-06-22 04:42:56 UTC
From: kg6hdh
Topic: 7 Message: 7

Hello,

I am new to the group. I have finished my PFR3, and everything seems to be OK except I don't have enough RX peak range to peak both 20 and 40M well. Anyone else have this problem, or have a solution.

Fun little kit,

Morris
AD6ZH

8. Re: New to the group

Yahoo group: pfr3_group
Date: 2008-06-22 15:56:32 UTC
From: Chuck Poindexter
Topic: 7 Message: 8

Actually, my RF peak seems to do nothing at all. I can turn that knob
all day long and not notice a single bit of difference on any band.
The only thing is I have not yet had a chance to dig into that much,
too much other stuff (like work) getting in front of my play time.

And yes, it IS a fun little kit!

--- In pfr3_group@yahoogroups.com, "kg6hdh" <kg6hdh@...> wrote:
>
> Hello,
>
> I am new to the group. I have finished my PFR3, and everything seems
> to be OK except I don't have enough RX peak range to peak both 20 and
> 40M well. Anyone else have this problem, or have a solution.
>
> Fun little kit,
>
> Morris
> AD6ZH
>

9. Re: New to the group

Yahoo group: pfr3_group
Date: 2008-06-22 15:57:21 UTC
From: Chuck Poindexter
Topic: 7 Message: 9

Not RF peak, RX peak...

--- In pfr3_group@yahoogroups.com, "Chuck Poindexter" <chuckpo@...> wrote:
>
> Actually, my RF peak seems to do nothing at all. I can turn that knob
> all day long and not notice a single bit of difference on any band.
> The only thing is I have not yet had a chance to dig into that much,
> too much other stuff (like work) getting in front of my play time.
>
> And yes, it IS a fun little kit!
>
> --- In pfr3_group@yahoogroups.com, "kg6hdh" <kg6hdh@> wrote:
> >
> > Hello,
> >
> > I am new to the group. I have finished my PFR3, and everything seems
> > to be OK except I don't have enough RX peak range to peak both 20 and
> > 40M well. Anyone else have this problem, or have a solution.
> >
> > Fun little kit,
> >
> > Morris
> > AD6ZH
> >
>

10. Re: New to the group

Yahoo group: pfr3_group
Date: 2008-06-22 20:02:35 UTC
From: wa5buc
Topic: 7 Message: 10

I'm not sure if this is the fix you've been looking for, but check
out the File section and KD1JV's material. The good news is that our
group is just a few days old, and good stuff is being shared. 72/73
Fred - WA5BUC

--- In pfr3_group@yahoogroups.com, "Chuck Poindexter" <chuckpo@...>
wrote:
>
> Not RF peak, RX peak...
>
> --- In pfr3_group@yahoogroups.com, "Chuck Poindexter" <chuckpo@>
wrote:
> >
> > Actually, my RF peak seems to do nothing at all. I can turn that
knob
> > all day long and not notice a single bit of difference on any
band.
> > The only thing is I have not yet had a chance to dig into that
much,
> > too much other stuff (like work) getting in front of my play time.
> >
> > And yes, it IS a fun little kit!
> >
> > --- In pfr3_group@yahoogroups.com, "kg6hdh" <kg6hdh@> wrote:
> > >
> > > Hello,
> > >
> > > I am new to the group. I have finished my PFR3, and everything
seems
> > > to be OK except I don't have enough RX peak range to peak both
20 and
> > > 40M well. Anyone else have this problem, or have a solution.
> > >
> > > Fun little kit,
> > >
> > > Morris
> > > AD6ZH
> > >
> >
>

11. PFR3 Comments & a Question

Yahoo group: pfr3_group
Date: 2008-06-22 20:32:41 UTC
From: Cal Cotner
Topic: 11 Message: 11

Hi all,
I acquired an assembled PFR3, and have just been playing with it a bit. No qsos yet. I'm not sure at this point how well I like the li'l rig. The pushbutton tuning doesn't faze me as I
also have a Cubic/Swan Astro 150 which uses pushbuttons on its microphone for tuning. Otherwise, I'm still getting used to the PFR3. The receiver audio output seems a bit low. Does anyone have any comment on the paddle kit, e.g., does it have a good feel (I know that's subjective)?
Anyway, I'm glad there's a group for us PFR3 owners.
72/73,
Cal K4JSI

12. Re: [pfr3_group] PFR3 Comments & a Question

Yahoo group: pfr3_group
Date: 2008-06-22 20:45:03 UTC
From: w2bpi1@aol.com
Topic: 11 Message: 12

There is a simple fix for low audio. See my post and pictures @ W2BPI Lots of qso's with mine. Even dx. 73 George/W2BPI

In a message dated 6/22/2008 16:33:01 Eastern Daylight Time, cal.jsi@... writes:

Hi all,
I acquired an assembled PFR3, and have just been playing with it a bit. No qso's yet. I'm
not sure at this point how well I like the li'l rig. The pushbutton tuning doesn't faze me as I
also have a Cubic/Swan Astro 150 which uses pushbuttons on its microphone for tuning.
Otherwise, I'm still getting used to the PFR3. The receiver audio output seems a bit low.
Does anyone have any comment on the paddle kit, e.g., does it have a good feel (I know
that's subjective)?
Anyway, I'm glad there's a group for us PFR3 owners.
72/73,
Cal K4JSI

**********Gas prices getting you down? Search AOL Autos for fuel-efficient used cars. (http://autos.aol.com/used?ncid=aolaut00050000000007)

13. PFR3 Comments & a Question

Yahoo group: pfr3_group
Date: 2008-06-22 21:53:54 UTC
From: Ken Evans
Topic: 11 Message: 13

All,

I have had the PFR3 on the air since June 15. I bought it at Dayton and built it when I came home. The RX audio needs to be a mid range or higher on mine, but I don't know if that is due to my ear buds - I have yet to try different headphones. I get a distinctive peak when adjusting "RX Peak" on all three bands, but I adjust that after I have peaked the "tune" and "load" caps for max signal or noise on the BLT. I have used it successfully on a W3EDP, 40 meter and 80 meter half waves fed with ladder line. I will try a 44 foot center fed soon to see if I need to make the mod suggested by Steve Weber.

As for the paddle. I have it and although I would like to have the ability to narrow the gap, I find it very useable and am glad I have it. Last week was spent in San Antonio welcoming a new grandson. I used the PFR3 with "AA" batteries to a W3EDP, and worked three continents and a number of states on all three bands.

So far, I am pleased with the functionality. It isn't a K2 and the paddle isn't a Bengali, but for the money, it performs well. I will post results after I try the 44 foot center fed.

Ken Evans, W4DU

From: Cal Cotner [mailto:cal.jsi@...]
Sent: Sunday, June 22, 2008 16:33
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3 Comments & a Question

Hi all,
I acquired an assembled PFR3, and have just been playing with it a bit. No qsos yet. I'm
not sure at this point how well I like the li'l rig. The pushbutton tuning doesn't faze me as I
also have a Cubic/Swan Astro 150 which uses pushbuttons on its microphone for tuning.
Otherwise, I'm still getting used to the PFR3. The receiver audio output seems a bit low.
Does anyone have any comment on the paddle kit, e.g., does it have a good feel (I know
that's subjective)?
Anyway, I'm glad there's a group for us PFR3 owners.
72/73,
Cal K4JSI

14. New DL2BQD

Yahoo group: pfr3_group
Date: 2008-06-23 09:45:51 UTC
From: Dieter
Topic: 14 Message: 14

Thanks, Joe, for organizing and pointing me to this group.
I ordered the pfr3 some weeks ago so I am waiting for delivery and an announcement from our local customs' office.
In the meantime I will be reading attentively all contributions.
72 to all group members,
Dieter DL2BQD GQRP

www.swschwedt.de/kunden/dl2bqd
You will find some pages in English there as well. Enjoy.

15. BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-06-23 21:52:07 UTC
From: w2bpi
Topic: 15 Message: 15

Well I made the mods to the tuner that Steve sugested. It certainly made a diference. If your building now I suggest you do the mods. It is not so easy to modify after building and putting the unit in it's case.
73 George/W2BPI

16. Re: [pfr3_group] BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-06-24 09:51:39 UTC
From: Dieter Klaschka
Topic: 15 Message: 16

Hi George,
Is it a change specified to the ladder line feed "44" you put up.
Or in other words shall the change be made generally to cope better now with the most feed conditions?

Please what does "44" - written this way - mean?
72, Dieter DL2BQD
----- Original Message -----
From: w2bpi
To: pfr3_group@yahoogroups.com
Sent: Monday, June 23, 2008 11:52 PM
Subject: [pfr3_group] BLT MODS for PFR3

Well I made the mods to the tuner that Steve sugested. It certainly
made a diference. If your building now I suggest you do the mods. It is
not so easy to modify after building and putting the unit in it's case.
73 George/W2BPI

17. Re: [pfr3_group] BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-06-24 11:37:30 UTC
From: w2bpi1@aol.com
Topic: 15 Message: 17

I do not have or know anything about the"44" antenna. I have used the modified version with a carolina windom, a longwire ant. (130' long), and a no counterpoise antenna. So I guess I can't say if this mod is for everybody. In my case I could not load on all three bands before the mods. You might want to talk to Steve Weber. He designed the PFR3 and suggested the Mods. Have a good day. George/W2BPI

In a message dated 6/24/2008 05:58:29 Eastern Daylight Time, dieter.klaschka@... writes:

Hi George,
Is it a change specified to the ladder line feed "44" you put up.
Or in other words shall the change be made generally to cope better now with the most feed conditions?

Please what does "44" - written this way - mean?

Recent Activity
* 58
New Members
(http://groups.yahoo.com/group/pfr3_group/members;_ylc=X3oDMTJndWh1N2plBF9TAzk3MzU5NzE0BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdn
RsBHNsawN2bWJycwRzdGltZQMxMjE0MzAxNDk2)
* 3
New Photos
(http://groups.yahoo.com/group/pfr3_group/spnew;_ylc=X3oDMTJnZjFwaWR2BF9TAzk3MzU5NzE0BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsB
HNsawN2cGhvdARzdGltZQMxMjE0MzAxNDk2)
* 1
New Links
(http://groups.yahoo.com/group/pfr3_group/links;_ylc=X3oDMTJoYXRuZXBxBF9TAzk3MzU5NzE0BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBH
NsawN2bGlua3MEc3RpbWUDMTIxNDMwMTQ5Ng--)

_Visit Your Group _
(http://groups.yahoo.com/group/pfr3_group;_ylc=X3oDMTJmaGZiNWNiBF9TAzk3MzU5NzE0BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRs
BHNsawN2Z2hwBHN0aW1lAzEyMTQzMDE0OTY-)

Yahoo! Groups
Mechanic Group
(http://us.ard.yahoo.com/SIG=13of8uf2v/M=493064.12117566.12537396.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1214308697/L=/B=k8gxAkLaX.w
-/J=1214301497067916/A=5170412/R=0/SIG=11b4jsa2l/*http://new.groups.yahoo.com/craftsmanauto)
What to do after

you pop the hood.

Yahoo! Groups
Familyographer Zone
(http://us.ard.yahoo.com/SIG=13ojig9r2/M=493064.12717544.13024012.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1214308697/L=/B=lMgxAkLaX.w-/J=1214301497067916/A=5370602/R=0/SIG=11lnr7bf1/*http://advision.webevents.yahoo.com/familyographer/)
Join a group and
share your pictures.

Health Groups
for people over 40
(http://us.ard.yahoo.com/SIG=13o3qr7jd/M=493064.12662708.12980600.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1214308697/L=/B=lcgxAkLaX.w-/J=1214301497067916/A=5349273/R=0/SIG=11nhsqmjq/*http://advision.webevents.yahoo.com/EverydayWellness/)
Join people who are
staying in shape.

.

**********Gas prices getting you down? Search AOL Autos for
fuel-efficient used cars. (http://autos.aol.com/used?ncid=aolaut00050000000007)

18. Re: BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-06-24 12:44:43 UTC
From: Dieter
Topic: 15 Message: 18

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
> Well I made the mods to the tuner that Steve sugested. It certainly

Thanks, George, for the reply.
I think I have got to find out whether these mods will find entrance
in the newest manual version.
At home I use a 2x20.5 m dipole and a 300 Ohm chicken ladder feeder...
72, Dieter dl2bqd

19. Re: [pfr3_group] BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-06-24 13:16:43 UTC
From: Fred Cull
Topic: 15 Message: 19

This is just a guess, but the late L. B. Cebik - W4RNL did some antenna modeling for what might be the best all-around multi-band antenna. It was a dipole "44" feet (I believe) on each side (88 feet overall). The antenna was to be fed with open wire or the like and an antenna matcher. I think he did this under the heading "if you could have only one antenna, what would it be?"
Hope this helps.
72/73
Fred - WA5BUC

----- Original Message ----
From: "w2bpi1@..." <w2bpi1@...>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, June 24, 2008 6:37:30 AM
Subject: Re: [pfr3_group] BLT MODS for PFR3

I do not have or know anything about the"44" antenna. I have used the modified version with a carolina windom, a longwire ant. (130' long), and a no counterpoise antenna. So I guess I can't say if this mod is for everybody. In my case I could not load on all three bands before the mods. You might want to talk to Steve Weber. He designed the PFR3 and suggested the Mods. Have a good day. George/W2BPI

In a message dated 6/24/2008 05:58:29 Eastern Daylight Time, dieter.klaschka@ gmx.net writes:
Hi George,
Is it a change specified to the ladder line feed "44" you put up.
Or in other words shall the change be made generally to cope better now with the most feed conditions?

Please what does "44" - written this way - mean?

..

_____
Gas prices getting you down? Search AOL Autos for fuel-efficient used cars.

20. Re: [pfr3_group] BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-06-24 15:11:23 UTC
From: Fred Cull
Topic: 15 Message: 20

I need to put an addendum to my previous post. The 88 foot dipole would be for 80 meters up. A "44" footer would work 40 meters up and would be more in line with the PFR3.
72/73 Fred - WA5BUC

----- Original Message ----
From: Fred Cull <wa5buc@...>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, June 24, 2008 8:16:43 AM
Subject: Re: [pfr3_group] BLT MODS for PFR3

This is just a guess, but the late L. B. Cebik - W4RNL did some antenna modeling for what might be the best all-around multi-band antenna. It was a dipole "44" feet (I believe) on each side (88 feet overall). The antenna was to be fed with open wire or the like and an antenna matcher. I think he did this under the heading "if you could have only one antenna, what would it be?"
Hope this helps.
72/73
Fred - WA5BUC

----- Original Message ----
From: "w2bpi1@aol. com" <w2bpi1@...>
To: pfr3_group@yahoogro ups.com
Sent: Tuesday, June 24, 2008 6:37:30 AM
Subject: Re: [pfr3_group] BLT MODS for PFR3

I do not have or know anything about the"44" antenna. I have used the modified version with a carolina windom, a longwire ant. (130' long), and a no counterpoise antenna. So I guess I can't say if this mod is for everybody. In my case I could not load on all three bands before the mods. You might want to talk to Steve Weber. He designed the PFR3 and suggested the Mods. Have a good day. George/W2BPI

In a message dated 6/24/2008 05:58:29 Eastern Daylight Time, dieter.klaschka@ gmx.net writes:
Hi George,
Is it a change specified to the ladder line feed "44" you put up.
Or in other words shall the change be made generally to cope better now with the most feed conditions?

Please what does "44" - written this way - mean?

..

_____
Gas prices getting you down? Search AOL Autos for fuel-efficient used cars.

21. KI6DS is now here.

Yahoo group: pfr3_group
Date: 2008-06-24 15:56:08 UTC
From: KI6DS
Topic: 21 Message: 21

I have been away from email and am just now able to join. Glad to see the group formed. I will be home from vacation this weekend and will be able to attend to any needed requests by Monday.

Note to the moderator. You may use any pictures or information from the website on this list. Thank you so much for all of your hard work. 72, Doug

22. New Kit Guarantee from Hendricks QRP Kits (you will like this!)

Yahoo group: pfr3_group
Date: 2008-06-24 15:57:47 UTC
From: KI6DS
Topic: 22 Message: 22

Effective immediately:

Hendricks QRP Kits Warranty Policy

Hendricks QRP Kits strives to offer the best quality, affordable, kits available in today's market and make your kit project a complete success. We have confidence in the quality of our designs and in the performance of our components. In keeping with this tradition, we will replace any electronic component, for the life of the product, for any reason. If you lose, damage, burn out, or install a component in error, that requires a replacement, simply contact us, pay the postage or shipping, and we will replace it. This is in addition to our previous practice of replacing any component missing from our kits, shipped first class mail, free.

This guarantee does not cover case parts.

To our knowledge, no amateur radio company offers this comprehensive policy.

Doug Hendricks

23. Re: BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-06-24 16:14:41 UTC
From: Jim Fraser
Topic: 15 Message: 23

This kind of sounds like the NorCal Doublet. I think this antenna was the inspiration for the BLT tuner.

Jim K6JF

--- In pfr3_group@yahoogroups.com, Fred Cull <wa5buc@...> wrote:
>
> I need to put an addendum to my previous post. The 88 foot dipole would be for 80 meters up. A "44" footer would work 40 meters up and would be more in line with the PFR3.
> 72/73 Fred - WA5BUC
>
>
> ----- Original Message ----
> From: Fred Cull <wa5buc@...>
> To: pfr3_group@yahoogroups.com
> Sent: Tuesday, June 24, 2008 8:16:43 AM
> Subject: Re: [pfr3_group] BLT MODS for PFR3
>
>
> This is just a guess, but the late L. B. Cebik - W4RNL did some antenna modeling for what might be the best all-around multi-band antenna. It was a dipole "44" feet (I believe) on each side (88 feet overall). The antenna was to be fed with open wire or the like and an antenna matcher. I think he did this under the heading "if you could have only one antenna, what would it be?"
> Hope this helps.
> 72/73
> Fred - WA5BUC
>
>
> ----- Original Message ----
> From: "w2bpi1@aol. com" <w2bpi1@...>
> To: pfr3_group@yahoogro ups.com
> Sent: Tuesday, June 24, 2008 6:37:30 AM
> Subject: Re: [pfr3_group] BLT MODS for PFR3
>
>
> I do not have or know anything about the"44" antenna. I have used the modified version with a carolina windom, a longwire ant. (130' long), and a no counterpoise antenna. So I guess I can't say if this mod is for everybody. In my case I could not load on all three bands before the mods. You might want to talk to Steve Weber. He designed the PFR3 and suggested the Mods. Have a good day. George/W2BPI
>

>
> In a message dated 6/24/2008 05:58:29 Eastern Daylight Time,
dieter.klaschka@ gmx.net writes:
> Hi George,
> Is it a change specified to the ladder line feed "44" you put
up.
> Or in other words shall the change be made generally to cope
better now with the most feed conditions?
>
> Please what does "44" - written this way - mean?
>
> ..
>
>
>
>
>
> _____
> Gas prices getting you down? Search AOL Autos for fuel-efficient
used cars.
>

24. Re: [pfr3_group] New Kit Guarantee from Hendricks QRP Kits (you will like this!)

Yahoo group: pfr3_group
Date: 2008-06-24 17:55:59 UTC
From: WA0ITP
Topic: 22 Message: 24

Very Classy Doug. Thanx for supporting all of us so well..

I love this radio stuff !
72, 73 Terry, WA?ITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

----- Original Message -----
From: "KI6DS" <ki6ds@...>
To: <pfr3_group@yahoogroups.com>
Sent: Tuesday, June 24, 2008 10:57 AM
Subject: [pfr3_group] New Kit Guarantee from Hendricks QRP Kits (you will like this!)

| Effective immediately:
|
| Hendricks QRP Kits Warranty Policy
|
|
| Hendricks QRP Kits strives to offer the best quality, affordable, kits
| available in today's market and make your kit project a complete
| success. We have confidence in the quality of our designs and in the
| performance of our components. In keeping with this tradition, we will
| replace any electronic component, for the life of the product, for any
| reason. If you lose, damage, burn out, or install a component in
| error, that requires a replacement, simply contact us, pay the postage
| or shipping, and we will replace it. This is in addition to our
| previous practice of replacing any component missing from our kits,
| shipped first class mail, free.
|
| This guarantee does not cover case parts.
|

| To our knowledge, no amateur radio company offers this
comprehensive
| policy.
|
| Doug Hendricks
|
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|
|
| ------------------------------------
|
| Yahoo! Groups Links
|
|
|
|
|
| --
| No virus found in this incoming message.
| Checked by AVG.
| Version: 7.5.524 / Virus Database: 270.4.1/1515 - Release
Date: 6/23/2008 7:16 PM
|
|

25. contacts on my new PFR-3

Yahoo group: pfr3_group
Date: 2008-06-24 21:11:24 UTC
From: Paul Smith
Topic: 25 Message: 25

I finished my PFR a couple days ago and have made several contacts on it. I did have to charge my SLA battery last night as it dropped down to below 8V and I was not making much power. The paddles felt funny at the start but I am getting used to them. I think they are cool hanging on the Pretty Yellow box. GREAT RIG... TNX Doug and Steve.de Paul N0NBD

26. Re: [pfr3_group] contacts on my new PFR-3

Yahoo group: pfr3_group
Date: 2008-06-24 21:26:40 UTC
From: WA0ITP
Topic: 25 Message: 26

Great Paul, congratulations. Keep on spotting and sooner or
later we'll have a Q.

I love this radio stuff !
72, 73 Terry, WA?ITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

----- Original Message -----
From: "Paul Smith" <psmith61@...>
To: <pfr3_group@yahoogroups.com>
Sent: Tuesday, June 24, 2008 4:11 PM
Subject: [pfr3_group] contacts on my new PFR-3

|I finished my PFR a couple days ago and have made several
contacts on
| it. I did have to charge my SLA battery last night as it
dropped down
| to below 8V and I was not making much power. The paddles
felt funny at
| the start but I am getting used to them. I think they are
cool hanging
| on the Pretty Yellow box. GREAT RIG... TNX Doug and
Steve.de Paul N0NBD
|
|
| ---
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| Yahoo! Groups Links
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|
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| No virus found in this incoming message.
| Checked by AVG.
| Version: 7.5.524 / Virus Database: 270.4.1/1515 - Release
Date: 6/23/2008 7:16 PM
|
|

27. Re: [pfr3_group] BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-06-25 11:08:04 UTC
From: Dieter Klaschka
Topic: 15 Message: 27

Hello, Fred and the group,
Thanks for the info and this addendum.
At home I use my 2x20.5 m dipole plus 20m feeder plus 6:1 balun plus a short length of RG58 together with an internal tuner of an FT890 which even tunes all to 160m.
With the K1 I use the ZM2 atu to the feeder without the balun/coax.

I have got no experience with the BLT but before modifying it I would try to lengthen the feeder a wee bit and see what will happen.

For portable use there will be much shorter feeders on a- let's say - 10m pole or kind of lw or w3edp...
So I am really interested in the experience of the other kit builders on that mentioned mod for the BLT before housing it in the 'Yellow Box'.
72; Dieter DL2BQD

----- Original Message -----
From: Fred Cull
To: pfr3_group@yahoogroups.com
Sent: Tuesday, June 24, 2008 5:11 PM
Subject: Re: [pfr3_group] BLT MODS for PFR3

I need to put an addendum to my previous post. The 88 foot dipole would be for 80 meters up. A "44" footer would work 40 meters up and would be more in line with the PFR3.
72/73 Fred - WA5BUC

----- Original Message ----
From: Fred Cull <wa5buc@...>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, June 24, 2008 8:16:43 AM
Subject: Re: [pfr3_group] BLT MODS for PFR3

This is just a guess, but the late L. B. Cebik - W4RNL did some antenna modeling for what might be the best all-around multi-band antenna. It was a dipole "44" feet (I believe) on each side (88 feet overall). The antenna was to be fed with open wire or the like and an antenna matcher. I think he did this under the heading "if you could have only one antenna, what would it be?"
Hope this helps.
72/73
Fred - WA5BUC

----- Original Message ----
From: "w2bpi1@aol. com" <w2bpi1@...>
To: pfr3_group@yahoogro ups.com
Sent: Tuesday, June 24, 2008 6:37:30 AM
Subject: Re: [pfr3_group] BLT MODS for PFR3

I do not have or know anything about the"44" antenna. I have used the modified version with a carolina windom, a longwire ant. (130' long), and a no counterpoise antenna. So I guess I can't say if this mod is for everybody. In my case I could not load on all three bands before the mods. You might want to talk to Steve Weber. He designed the PFR3 and suggested the Mods. Have a good day. George/W2BPI

In a message dated 6/24/2008 05:58:29 Eastern Daylight Time, dieter.klaschka@ gmx.net writes:
Hi George,
Is it a change specified to the ladder line feed "44" you put up.
Or in other words shall the change be made generally to cope better now with the most feed conditions?

Please what does "44" - written this way - mean?

.

Gas prices getting you down? Search AOL Autos for fuel-efficient used cars.

28. Re: BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-06-25 16:30:21 UTC
From: wb8yyy_curt
Topic: 15 Message: 28

Per the original instructions, the BLT in my PFR3 would not tune on 20m and it was difficult on 30m. I did the mod and now i can match all 3 bands.

If someone has already built their PFR3 and it works ok, there may be no need to do the mod! But since trouble has been experienced for a short antenna by KD1JV, and a long antenna by myself on 20m -- you might need it.

My antenna is much much longer than the 44 foot (approx 13.5 m) center fed doublet ... so its actually more a matter of having too much inductance for 14 MHz operation.

i was able to mod my unit without unsoldering all the wires between the board and the case -- your mileage may vary! and i needed to take out the board also to confirm I had the original firmware -- so i'll be sending my chip to Steve sometime after field day.

73, curt

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
> Well I made the mods to the tuner that Steve sugested. It certainly
> made a diference. If your building now I suggest you do the mods. It
is
> not so easy to modify after building and putting the unit in it's
case.
> 73 George/W2BPI
>

29. Re: [pfr3_group] Re: BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-06-26 09:10:32 UTC
From: Dieter Klaschka
Topic: 15 Message: 29

Hi,
Just an idea. Perhaps I will decide to build an extra BLT ugly construction first and have some experiments with .
There is an article (mods by KX0R) together with the W6JJZ BLT instruction which encourages to experiment due to personal antenna situation and configuration.
So it could make a difference indeed using a 2x 6.50 m centre fed at
12 m height during FD or a 2x 20.5 m at 15m with a length of 20m feeder. Then there will be the need for a mod.
HWT?
72, Dieter DL2BQD
www.swschwedt.de/kunden/dl2bqd
----- Original Message -----
From: wb8yyy_curt
To: pfr3_group@yahoogroups.com
Sent: Wednesday, June 25, 2008 6:30 PM
Subject: [pfr3_group] Re: BLT MODS for PFR3

Per the original instructions, the BLT in my PFR3 would not tune on 20m and it was difficult on 30m. I did the mod and now i can match all 3 bands.

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My antenna is much much longer than the 44 foot (approx 13.5 m) center fed doublet ... so its actually more a matter of having too much inductance for 14 MHz operation.

i was able to mod my unit without unsoldering all the wires between the board and the case -- your mileage may vary! and i needed to take out the board also to confirm I had the original firmware -- so i'll be sending my chip to Steve sometime after field day.

73, curt

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
> Well I made the mods to the tuner that Steve sugested. It certainly
> made a diference. If your building now I suggest you do the mods. It
is
> not so easy to modify after building and putting the unit in it's
case.
> 73 George/W2BPI
>

30. Re: BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-06-26 16:27:04 UTC
From: wb8yyy_curt
Topic: 15 Message: 30

Dieter

certainly if you have the large torroid and 2 variable caps you could build a homebrew BLT to check this out, but it may not be necessary. i believe best success is to change the BLT torroid to have fewer turns -- it should still work on 40m, and this rig does not cover 80m.

if your PFR3 is already built, i am suspicious you might run into difficulty tuning its BLT on 20m with any 'reasonable sized' antenna. KD1JV had problems with a doublet slightly larger than a half-wavelength on 20m, and I had difficulty with a much longer antenna. when i reduced the numbers of turns, my BLT is working well on 20m.

if your PFR3 is not yet built, it would not be hard to check out the original and modified versions BEFORE mounting the board in the case with your antenna(s).

i am puzzled why this BLT mod has not been reported earlier, as I would think they would be used on 20m!

--- In pfr3_group@yahoogroups.com, "Dieter Klaschka" <dieter.klaschka@...> wrote:
>
> Hi,
> Just an idea. Perhaps I will decide to build an extra BLT ugly construction first and have some experiments with .
> There is an article (mods by KX0R) together with the W6JJZ BLT instruction which encourages to experiment due to personal antenna situation and configuration.
> So it could make a difference indeed using a 2x 6.50 m centre fed at
> 12 m height during FD or a 2x 20.5 m at 15m with a length of 20m feeder. Then there will be the need for a mod.
> HWT?
> 72, Dieter DL2BQD
> www.swschwedt.de/kunden/dl2bqd
> ----- Original Message -----
> From: wb8yyy_curt
> To: pfr3_group@yahoogroups.com
> Sent: Wednesday, June 25, 2008 6:30 PM
> Subject: [pfr3_group] Re: BLT MODS for PFR3
>
>
> Per the original instructions, the BLT in my PFR3 would not tune

on 20m
> and it was difficult on 30m. I did the mod and now i can match
all 3
> bands.
>
> If someone has already built their PFR3 and it works ok, there
may be
> no need to do the mod! But since trouble has been experienced for
a
> short antenna by KD1JV, and a long antenna by myself on 20m --
you
> might need it.
>
> My antenna is much much longer than the 44 foot (approx 13.5 m)
center
> fed doublet ... so its actually more a matter of having too much
> inductance for 14 MHz operation.
>
> i was able to mod my unit without unsoldering all the wires
between the
> board and the case -- your mileage may vary! and i needed to take
out
> the board also to confirm I had the original firmware -- so i'll
be
> sending my chip to Steve sometime after field day.
>
> 73, curt
>
> --- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@> wrote:
> >
> > Well I made the mods to the tuner that Steve sugested. It
certainly
> > made a diference. If your building now I suggest you do the
mods. It
> is
> > not so easy to modify after building and putting the unit in
it's
> case.
> > 73 George/W2BPI
> >
>

31. Fw: [pfr3_group] Re: BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-06-27 09:27:58 UTC
From: Dieter Klaschka
Topic: 31 Message: 31

----- Original Message -----
From: Dieter Klaschka
To: pfr3_group@yahoogroups.com
Sent: Friday, June 27, 2008 11:22 AM
Subject: Fw: [pfr3_group] Re: BLT MODS for PFR3

----- Original Message -----

To: pfr3_group@yahoogroups.com
Sent: Friday, June 27, 2008 9:50 AM
Subject: Re: [pfr3_group] Re: BLT MODS for PFR3

Curt, Thanks for the answer.-
I read the encouragements to modify the BLT on the BLT manual page.
There are a lot of reasonable hints for modifications due to band and antennas.

My PFR has not arrived yet. So I am going to order some different cores
and try to simulate a FieldDay configuration with my 12 m pole, 2x7.50m dipole plus chicken ladder and the same length as an up'n outer vertical... let's see how this will behave on 40,30,20 then.
I will use an MFJ anylyzer)
There is no real need to use the PFR as home station with my 41m centre fed dipole.
This weekend I will have a test whether a ZM2 will match this dipole for 50 MHz (I built a kit recently BODAN 6) , I can receive Es stations from the East and EA...
Have a nice day.
72, Dieter-bqd
----- Original Message -----
From: wb8yyy_curt
To: pfr3_group@yahoogroups.com
Sent: Thursday, June 26, 2008 6:27 PM
Subject: [pfr3_group] Re: BLT MODS for PFR3

Dieter

certainly if you have the large torroid and 2 variable caps you could
build a homebrew BLT to check this out, but it may not be necessary.
i believe best success is to change the BLT torroid to have fewer
turns -- it should still work on 40m, and this rig does not cover
80m.

if your PFR3 is already built, i am suspicious you might run into
difficulty tuning its BLT on 20m with any 'reasonable sized'
antenna. KD1JV had problems with a doublet slightly larger than a
half-wavelength on 20m, and I had difficulty with a much longer
antenna. when i reduced the numbers of turns, my BLT is working well
on 20m.

if your PFR3 is not yet built, it would not be hard to check out the original and modified versions BEFORE mounting the board in the case with your antenna(s).

i am puzzled why this BLT mod has not been reported earlier, as I would think they would be used on 20m!

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>
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> There is an article (mods by KX0R) together with the W6JJZ BLT instruction which encourages to experiment due to personal antenna situation and configuration.
> So it could make a difference indeed using a 2x 6.50 m centre fed at
> 12 m height during FD or a 2x 20.5 m at 15m with a length of 20m feeder. Then there will be the need for a mod.
> HWT?
> 72, Dieter DL2BQD
> www.swschwedt.de/kunden/dl2bqd
> ----- Original Message -----
> From: wb8yyy_curt
> To: pfr3_group@yahoogroups.com
> Sent: Wednesday, June 25, 2008 6:30 PM
> Subject: [pfr3_group] Re: BLT MODS for PFR3
>
>
> Per the original instructions, the BLT in my PFR3 would not tune on 20m
> and it was difficult on 30m. I did the mod and now i can match all 3
> bands.
>
> If someone has already built their PFR3 and it works ok, there may be
> no need to do the mod! But since trouble has been experienced for a
> short antenna by KD1JV, and a long antenna by myself on 20m -- you
> might need it.
>
> My antenna is much much longer than the 44 foot (approx 13.5 m) center
> fed doublet ... so its actually more a matter of having too much
> inductance for 14 MHz operation.
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> i was able to mod my unit without unsoldering all the wires between the
> board and the case -- your mileage may vary! and i needed to take

out
> the board also to confirm I had the original firmware -- so i'll
be
> sending my chip to Steve sometime after field day.
>
> 73, curt
>
> --- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@> wrote:
> >
> > Well I made the mods to the tuner that Steve sugested. It
certainly
> > made a diference. If your building now I suggest you do the
mods. It
> is
> > not so easy to modify after building and putting the unit in
it's
> case.
> > 73 George/W2BPI
> >
>

32. Winding Toroids

Yahoo group: pfr3_group
Date: 2008-06-28 15:33:58 UTC
From: n3ham1
Topic: 32 Message: 32

Newly retired and getting more involved with qrp, so I'm in the process of building a PFR3. So far the rcvr is working and I should have it completed by next week. Since this is my first serious build, I knew I was going to mess up the toroid winding, not having done one before,and having bad eyesight and no patience. So I enlisted the aid of Mychael Morohovich AA3WF...aka...the Toroidguy. He did a terrific job and greatly increased the odds of getting mine on the air. I have no financial stake in this, but I recommend him. Have a fine
FD. 73,Jerry N3ham

33. Re: [pfr3_group] Winding Toroids

Yahoo group: pfr3_group
Date: 2008-06-29 10:07:24 UTC
From: Dieter Klaschka
Topic: 32 Message: 33

Hi, Jerry and the group,
Whether you will wind the toroids yourself or not, reading these lines will be helpful anyway
http://www.qsl.net/ve3mcf/elecraft_reflect/Torroid_Winding.txt

Jerry, w h a t do you think is difficult when winding a toroid besides your eye sight of course?

When my PFR3 will arrive:
I will take all parts and stitch them into the copied parts list on a foam board, put all this then in a large shoe box for safety - all is at one place now and will smooth xyl.

I measure Rs and Cs before they will go onto the board
I have got a ruler with inches on my bench (the "bench " is the writing table in the former childrens' room, a simple board ca 1' x 2' (you see: when in Rome do as the Romans do ;-)
with a wooden frame, small copper board (3" by 3") with a 1 Meg Resistor to central heating, for anti statics)
There on the wooden frame I have got penciled the ruler with a fine liner

I use a Third Hand device and a tuna tin (rectangular)box to put the board on and put the cut leg rests of Rs & Cs etc in so none will stay as a rest at the table
I will copy the circuitry and the main scheme
I will draw some squares with a pencil on the drawing where the single components go and mark the squares x axis:A-B-C-D ..., y axis 1-2-3-
it's easy now for making notes to find e.g. "C32 in A4", saves time later, I always make small notes at the margin of the manual

I color all parts in the sketch which I have already mounted.
I use a hot iron ca 400C, thin solder,
I clean the tip very often and also use a metal sponge(household ware) stored in a tin

When building I will try to do it in a couple of sessions - too long a break makes it only extra difficult to start again
(at the moment the gardener fights with the ham , so there might be some delays, hi)
Since I have finished some kits toroid winding won't be the problem, correctness and attentive, repeated control of each single step within the building process is important (count twice, look twice, measure twice...compare twice...I promise that I have the band of the diode in the wrong position.... Even xyl could have a look at the board after a soldering process.

I use only daylight for work plus a magnifying glass to control each solder spot immediately; I don't put in groups of parts which shall be soldered afterwards.
I will always stick to the steps given in the manual since I am no real constructor.
...
Just to contribute to the group.
Any addendums and especially comments on single steps during mounting and soldering and

aligning the PFR3 would be appreciated to avoid mistakes..?
(Sry for the command of my language concerning my stock of technical expressions)

Well, you see I am looking forward very eagerly to get the kit.
72, Dieter-dl2bqd
----- Original Message -----
From: n3ham1
To: pfr3_group@yahoogroups.com
Sent: Saturday, June 28, 2008 5:33 PM
Subject: [pfr3_group] Winding Toroids

Newly retired and getting more involved with qrp, so I'm in the process
of building a PFR3. So far the rcvr is working and I should have it
completed by next week. Since this is my first serious build, I knew I
was going to mess up the toroid winding, not having done one before,and
having bad eyesight and no patience. So I enlisted the aid of Mychael
Morohovich AA3WF...aka...the Toroidguy. He did a terrific job and
greatly increased the odds of getting mine on the air. I have no
financial stake in this, but I recommend him. Have a fine
FD. 73,Jerry N3ham

34. PFR3 Finished

Yahoo group: pfr3_group
Date: 2008-06-29 17:56:45 UTC
From: W2AGN
Topic: 34 Message: 34

Thanks to Steve for getting the chip back to me so fast! I put the finishing touches on the PFR-3, and built the paddle today. Made a few FD QSOs just to try it out, using internal Alkaline cells. I see BJ's wholesale has AA Lithium on sale now, so will pick up a pack of those for serious portable ops.

I like the paddle. I find it MUCH better than the Elecraft paddle they have for the KX-1. This one seems sturdier, also.

At !/2 the price of the KX-1, the PFR-3 should be a serious contender.

--
+-+-+-+-+-+ w2agn@...
|W|2|A|G|N| Celebrating 50 years
+-+-+-+-+-+ of Amateur Radio
1958-2008 http://w2agn.net
-.- ...-- .... .-.. ..-

35. PFR amd FD

Yahoo group: pfr3_group
Date: 2008-06-29 20:55:50 UTC
From: Paul Smith
Topic: 35 Message: 35

I worked a few stations from the side yard on my PFR-3. Sure did work good and is a joy to use. Now that FD is done I will take it back apart and send the chip ti Steve KD1JV for re-programming and I may do the audio mod as it looks simple. My ears could use a little help.Lots of fun! de Paul N0NBD

36. Re: [pfr3_group] PFR amd FD

Yahoo group: pfr3_group
Date: 2008-06-29 22:52:10 UTC
From: W2AGN
Topic: 35 Message: 36

Paul Smith wrote:
> I worked a few stations from the side yard on my PFR-3. Sure did work
> good and is a joy to use. Now that FD is done I will take it back
> apart and send the chip ti Steve KD1JV for re-programming and I may do
> the audio mod as it looks simple. My ears could use a little help.Lots
> of fun! de Paul N0NBD
>

I forgot to mention, I did that audio mod on mine. Really gives you some volume.
Very worthwhile.

--
+-+-+-+-+-+ w2agn@...
|W|2|A|G|N| Celebrating 50 years
+-+-+-+-+-+ of Amateur Radio
1958-2008 http://w2agn.net
-.- ...-- .... .-.. ..-

37. RE: [pfr3_group] PFR amd FD

Yahoo group: pfr3_group
Date: 2008-06-29 23:01:25 UTC
From: Paul D. Smith
Topic: 35 Message: 37

Thanks for the reply John. I was wondering how the audio mod did. My ears have had 40 years of pipefitting noisy pumps and boilers and too much noise.
De Paul N0NBD
-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of W2AGN
Sent: Sunday, June 29, 2008 5:52 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR amd FD

Paul Smith wrote:
> I worked a few stations from the side yard on my PFR-3. Sure did work
> good and is a joy to use. Now that FD is done I will take it back
> apart and send the chip ti Steve KD1JV for re-programming and I may do

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> of fun! de Paul N0NBD
>

I forgot to mention, I did that audio mod on mine. Really gives you some volume.
Very worthwhile.

--
+-+-+-+-+-+ w2agn@w2agn. <mailto:w2agn%40w2agn.net> net
|W|2|A|G|N| Celebrating 50 years
+-+-+-+-+-+ of Amateur Radio
1958-2008 http://w2agn. <http://w2agn.net> net
-.- ...-- .... .-.. ..-

38. Re: [pfr3_group] PFR amd FD

Yahoo group: pfr3_group
Date: 2008-06-30 08:14:25 UTC
From: Dieter Klaschka
Topic: 35 Message: 38

Hi, Paul, please where is that audio mod mentioned and what has to be done?
72, Dieter
----- Original Message -----
From: Paul D. Smith
To: pfr3_group@yahoogroups.com
Sent: Monday, June 30, 2008 1:01 AM
Subject: RE: [pfr3_group] PFR amd FD

Thanks for the reply John. I was wondering how the audio mod did. My ears have had 40 years of pipefitting noisy pumps and boilers and too much noise.

De Paul N0NBD

-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of W2AGN
Sent: Sunday, June 29, 2008 5:52 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR amd FD

Paul Smith wrote:
> I worked a few stations from the side yard on my PFR-3. Sure did work
> good and is a joy to use. Now that FD is done I will take it back
> apart and send the chip ti Steve KD1JV for re-programming and I may do
> the audio mod as it looks simple. My ears could use a little help.Lots
> of fun! de Paul N0NBD
>

I forgot to mention, I did that audio mod on mine. Really gives you some volume.
Very worthwhile.

--
+-+-+-+-+-+ w2agn@...
|W|2|A|G|N| Celebrating 50 years
+-+-+-+-+-+ of Amateur Radio
1958-2008 http://w2agn.net
-.- ...-- .... .-.. ..-

39. Re: [pfr3_group] PFR amd FD

Yahoo group: pfr3_group
Date: 2008-06-30 08:59:00 UTC
From: Marc G0AZS
Topic: 35 Message: 39
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

40. Re: [pfr3_group] PFR amd FD

Yahoo group: pfr3_group
Date: 2008-06-30 09:27:23 UTC
From: Dieter Klaschka
Topic: 35 Message: 40

Thanks, Marc , for the hint.
I put all in my file at the moment for the building time to come.
72 Dieter GQRP 7739
----- Original Message -----
From: Marc G0AZS
To: pfr3_group@yahoogroups.com
Sent: Monday, June 30, 2008 10:59 AM
Subject: Re: [pfr3_group] PFR amd FD

Hi Dieter

Try this message and also the images:

http://groups.yahoo.com/group/pfr3_group/message/1

http://ph.groups.yahoo.com/group/pfr3_group/photos/browse/ccc1

My PFR-3 is here, I have the updated chip from Steve (great service from him) and I will start building tomorrow evening!

Not sure if I'll need the audio mod. How low is it I wonder?

73 Marc G0AZS

2008/6/30 Dieter Klaschka <dieter.klaschka@...>:

Hi, Paul, please where is that audio mod mentioned and what has to be done?
72, Dieter
----- Original Message -----
From: Paul D. Smith
To: pfr3_group@yahoogroups.com
Sent: Monday, June 30, 2008 1:01 AM
Subject: RE: [pfr3_group] PFR amd FD

Thanks for the reply John. I was wondering how the audio mod did. My ears have had 40 years of pipefitting noisy pumps and boilers and too much noise.

De Paul N0NBD

-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of W2AGN
Sent: Sunday, June 29, 2008 5:52 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR amd FD

Paul Smith wrote:
> I worked a few stations from the side yard on my PFR-3. Sure did work
> good and is a joy to use. Now that FD is done I will take it back

> apart and send the chip ti Steve KD1JV for re-programming and I may do
> the audio mod as it looks simple. My ears could use a little help.Lots
> of fun! de Paul N0NBD
>

I forgot to mention, I did that audio mod on mine. Really gives you some volume.
Very worthwhile.

--
+-+-+-+-+-+ w2agn@...
|W|2|A|G|N| Celebrating 50 years
+-+-+-+-+-+ of Amateur Radio
1958-2008 http://w2agn.net
-.- ...-- .... .-.. ..-

41. Spectrogram - alignment?

Yahoo group: pfr3_group
Date: 2008-06-30 13:26:59 UTC
From: g0azs
Topic: 41 Message: 41

Hello

Just reading through the manual thoroughly prior to starting my PFR-3 build tomorrow.

I was just looking at the procedure for reference frequency calibration and then IF offset adjustment and BFO trimmer adjustment.

I have spectrogram on the PC and of course another receiver. I assume it would be easy enough to calibrate the frequency by looking for 10MHz on the receiver with a short lead near TP1... am I right?

...and I can also see it would be easy to use Spectrogram for the BFO trimmer adjustment.

But... how about the IF Offset adjustment... would Spectrogram be OK to do that too? Or should I leave it alone?

If anyone has done these adjustments I would be grateful to hear your experiences. Or maybe you didn't need to bother adjusting any/some of them??

I'm still relatively green building kits so I learn more as each one gets built. The use of Spectrogram is new territory for me :-)

73 Marc G0AZS

42. Re: [pfr3_group] Spectrogram - alignment?

Yahoo group: pfr3_group
Date: 2008-06-30 13:58:37 UTC
From: Michael Harnage
Topic: 41 Message: 42

Marc,

Check out my calibration procedure for the ATS rigs at the website below for ideas on how to align. Similiar enough rig (same designer!) that the idea is transferable.

http://w1mt.qrpradio.com/ats3calibration.html

-mike/w1mt

43. Re: Spectrogram - alignment?

Yahoo group: pfr3_group
Date: 2008-07-01 00:41:05 UTC
From: wb8yyy_curt
Topic: 41 Message: 43

Mark

you get a gold star, or recognition as having a different kit building attitude than most of us - in reading so far ahead.

for mine i merely did the listening test, which involved tuning and matching the pitches. no i cannot play a violin - it wasnt that hard. when calling others they come back so likely i have it close enough. out of the box the cal accuracy is well within the 200 hertz described.

yes you can sniff like that to measure frequencies (and see if oscillators are working). if you are interested, try measuring frequencies with spectrogram - but at audio frequencies a wire won't work as well unattached. for this you could connect the soundcard to the headphone connector -- just verify that no DC voltage is present before you make the connection.

concentrate on getting the parts in the correct locations, making good solder joints and not missing solder joints - and things should go well enough. do the intermediate check-outs and that will boost your confidence. enjoy the journey building the rig.

73, curt

--- In pfr3_group@yahoogroups.com, "g0azs" <marc.g0azs@...> wrote:
>
> Hello
>
> Just reading through the manual thoroughly prior to starting my PFR-
3
> build tomorrow.
>
> I was just looking at the procedure for reference frequency
> calibration and then IF offset adjustment and BFO trimmer
adjustment.
>
> I have spectrogram on the PC and of course another receiver. I
assume
> it would be easy enough to calibrate the frequency by looking for
> 10MHz on the receiver with a short lead near TP1... am I right?
>
> ...and I can also see it would be easy to use Spectrogram for the
BFO
> trimmer adjustment.
>

> But... how about the IF Offset adjustment... would Spectrogram be OK
> to do that too? Or should I leave it alone?
>
> If anyone has done these adjustments I would be grateful to hear
your
> experiences. Or maybe you didn't need to bother adjusting any/some
of
> them??
>
> I'm still relatively green building kits so I learn more as each one
> gets built. The use of Spectrogram is new territory for me :-)
>
> 73 Marc G0AZS
>

44. D1, D2????

Yahoo group: pfr3_group
Date: 2008-07-01 02:03:24 UTC
From: jfelts13
Topic: 44 Message: 44

Can someone tell me what kind of diodes D1 & 2 are so I can go buy some tomorrow?? They were missing and I can't do the 2nd Smoke Test till I have them. I wrote Doug 2 weeks ago and have heard nothing back from him. I'd really like to finish this radio rather than have it sitting around waiting for 2 parts.

Jerry - NR5A - South Dakota

45. Re: D1, D2????

Yahoo group: pfr3_group
Date: 2008-07-01 02:15:51 UTC
From: Ken LoCasale
Topic: 44 Message: 45

If you look in the assembly instructions, page 7, it identifies them
as SD101's

ken

--- In pfr3_group@yahoogroups.com, "jfelts13" <NR5AJerry@...> wrote:
>
> Can someone tell me what kind of diodes D1 & 2 are so I can go buy some
> tomorrow?? They were missing and I can't do the 2nd Smoke Test till I
> have them. I wrote Doug 2 weeks ago and have heard nothing back from
> him. I'd really like to finish this radio rather than have it sitting
> around waiting for 2 parts.
>
> Jerry - NR5A - South Dakota
>

46. Re: [pfr3_group] D1, D2????

Yahoo group: pfr3_group
Date: 2008-07-01 02:16:07 UTC
From: WA0ITP
Topic: 44 Message: 46

Hi Jerry,

They're SD101C fast shottky. glass diodes

I love this radio stuff !
72, 73 Terry, WA?ITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

----- Original Message -----
From: "jfelts13" <NR5AJerry@...>
To: <pfr3_group@yahoogroups.com>
Sent: Monday, June 30, 2008 9:03 PM
Subject: [pfr3_group] D1, D2????

| Can someone tell me what kind of diodes D1 & 2 are so I can go buy some
| tomorrow?? They were missing and I can't do the 2nd Smoke Test till I
| have them. I wrote Doug 2 weeks ago and have heard nothing back from
| him. I'd really like to finish this radio rather than have it sitting
| around waiting for 2 parts.
|
| Jerry - NR5A - South Dakota
|
|
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| ------------------------------------
|
| Yahoo! Groups Links
|
|
|

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.101 / Virus Database: 270.4.3/1527 - Release Date: 6/30/2008
6:07 PM

47. Re: [pfr3_group] D1, D2????

Yahoo group: pfr3_group
Date: 2008-07-01 02:30:54 UTC
From: ki6ds@dospalos.org
Topic: 44 Message: 47

Jerry, I apologize for the leaving out of the parts. I just got home from a vacation trip to Arkansas. I was buried with emails and working my way through them. Your diodes will be in the mail to you tomorrow. I apologize for the delay, but hope that you will understand. 72, Doug

> Can someone tell me what kind of diodes D1 & 2 are so I can go buy some
> tomorrow?? They were missing and I can't do the 2nd Smoke Test till I
> have them. I wrote Doug 2 weeks ago and have heard nothing back from
> him. I'd really like to finish this radio rather than have it sitting
> around waiting for 2 parts.
>
> Jerry - NR5A - South Dakota
>
>
>
>

48. PFR-3 used for Field Day solar contacts

Yahoo group: pfr3_group
Date: 2008-07-03 04:04:13 UTC
From: dan_utroske
Topic: 48 Message: 48

I picked up the PFR-3 at Dayton and had it together in about 10 evenings. I took it to field day to show it off to a few friends. When we got around to setting up for our solar bonus points near the end on Sunday we found the battery dead. I made a voltage measurement on the solar panel and offered to connect the PFR-3 to the panel, with the voltage reduced by the charging battery, and our 80M loop to see if we could make the required contacts. A couple of us ended up making 9 contacts in a short time. I used an LDG Z100Pro tuner between the radio and the loop. This little performance may have made a couple of QRP converts that day, as well.
73,
KF8Z
Dan Utroske

49. Signal tone

Yahoo group: pfr3_group
Date: 2008-07-05 00:44:30 UTC
From: w2bpi
Topic: 49 Message: 49

The sound of the signals seems a little fuzzy. Is it the nature of it because of the narrow filtering or do I have a problem somewhere? I have made contacts with it everyday since building it and everyone says it sounds good. 73 George/W2BPI

50. Re: [pfr3_group] Signal tone

Yahoo group: pfr3_group
Date: 2008-07-05 01:09:49 UTC
From: MAXXOUT2@AOL.COM
Topic: 49 Message: 50

George,
I can't answer that because I just signed up to the list.
The only thing I noticed on my other rigs is that weak CW sounds a bit fuzzy
under thes low cycle conditions.
BTW,
How long does it take the average builder to put one of these together?
I'm thinking of getting a money order out tomorrow.
Bob
AF2Q

In a message dated 7/4/2008 6:44:48 PM Mountain Standard Time,
w2bpi1@... writes:

The sound of the signals seems a little fuzzy. Is it the nature of it
because of the narrow filtering or do I have a problem somewhere? I
have made contacts with it everyday since building it and everyone says
it sounds good. 73 George/W2BPI

**********Gas prices getting you down? Search AOL Autos for
fuel-efficient used cars. (http://autos.aol.com/used?ncid=aolaut00050000000007)

51. Cross Reference??? SD101C?????

Yahoo group: pfr3_group
Date: 2008-07-05 15:22:13 UTC
From: jfelts13
Topic: 51 Message: 51

I'm still stuck on not being able to do the 2nd test on my PRF-3 because I still have not got the 3 missing diodes from Doug. The loacl parts shop could not come up with a sub, it wasn't in their book.

So can someone tell me what kind of diode to replace them with? I've been stuck now at this point for 2 weeks. hi

Jerry - NR5A - South Dakota

52. Re: [pfr3_group] Cross Reference??? SD101C?????

Yahoo group: pfr3_group
Date: 2008-07-05 16:21:22 UTC
From: WA0ITP
Topic: 51 Message: 52

Mouser has them. 17 cents apiece..
http://www.mouser.com/Search/Refine.aspx?Ntt=*SD101*&N=1323038&Ntx=mode%2bmatchall&Ns=P_SF
ield&OriginalKeyword=SD101&Ntk=Mouser_Wildcards

I love this radio stuff !
72, 73 Terry, WA?ITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

----- Original Message -----
From: "jfelts13" <NR5AJerry@...>
To: <pfr3_group@yahoogroups.com>
Sent: Saturday, July 05, 2008 10:22 AM
Subject: [pfr3_group] Cross Reference??? SD101C?????

| I'm still stuck on not being able to do the 2nd test on my PRF-3
| because I still have not got the 3 missing diodes from Doug. The loacl
| parts shop could not come up with a sub, it wasn't in their book.
|
| So can someone tell me what kind of diode to replace them with? I've
| been stuck now at this point for 2 weeks. hi
|
|
| Jerry - NR5A - South Dakota
|
|
| ---
|
| Yahoo! Groups Links
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|
| No virus found in this incoming message.
| Checked by AVG - http://www.avg.com
| Version: 8.0.138 / Virus Database: 270.4.5/1536 - Release Date: 7/5/2008
10:15 AM
|
|
|

53. new person

Yahoo group: pfr3_group
Date: 2008-07-05 17:08:45 UTC
From: merlinrail
Topic: 53 Message: 53

Hi all
just ordered my PFR3 today so hopefully i will be active in a few weeks .
are they very similar to the elecraft KX1 as they appear to be ??
cheers
GM4VKI
Roy

54. Parts Clarification Needed...

Yahoo group: pfr3_group
Date: 2008-07-05 19:28:34 UTC
From: Craig LaBarge
Topic: 54 Message: 54

I'm in the process of building a PFR3. The Section 2 instructions describe C8, C9, C10 and C79 as "150pF (151) NPO, Disk Brown." The parts inventory list doesn't include these. What is listed (and provided) are "150pF (C0G) Mono Yellow."

Just double-checking... Are the 150pF mono (yellow) caps the right parts for C8, C9, C10 and C79?

Thanks.

73, Craig WB3GCK

55. Re: [pfr3_group] Parts Clarification Needed...

Yahoo group: pfr3_group
Date: 2008-07-05 22:10:26 UTC
From: Ed - K9EW
Topic: 54 Message: 55

Hi Craig,

I got one of the first 50 kits at Dayton, and here is a list of the discrepancies I found. I'm sure some - if not all - of these have been corrected in later revisions of the manual. Check on Doug's website for the latest release. The answer to your specific question is, "Yes" (see "GROUP 2 ASSEMBLY" below).

73,
ed - k9ew
www.k9ew.us

GROUP 1 ASSEMBLY

1) C48 should be a 0.01mfd (103) mono/yellow capacitor, not a 0.1mfd (104) mono/yellow.

GROUP 1 SMOKE TEST

1) In the Group 1 Smoke Test, the display only spent about 1/2 second on the 8's, and 1/2 second on the band; not 2 seconds on each as

described in the manual. I contacted Steve Weber about this, and he said he changed the timing because 2 seconds seemed too long. I suggested that 1/2 second was too short, and that 1 second would be about right.

GROUP 2 ASSEMBLY

1) R14 (1M resistor) was missing.

2) C7, C11, C13, C14 are 100pf (103) C0G's (mono/yellow), not NPO's (disk/brown) capacitors.
3) C8, C9, C10, C79 are 150pf (151) C0G's (mono/yellow), not NPO's (disk/brown, with black dot) capacitors.

GROUP 3 ASSEMBLY
1) C55 is shown, but not listed for assembly. Install C55 (0.1mf, 104, mono, yellow).
2) C59 should be a 0.001mf (102, disk, brown).

GROUP 4 ASSEMBLY
1) C76 (0.01mf, 103, mono, yellow) was missing from the kit.
2) S5 and S6 mount on TOP of the PC board. This is obvious, except that it was listed along with the coils that are mounted on the BOTTOM. And of course, I got caught up in the excitement, and had to unsolder and re-install them on top.

GROUP 5 ASSEMBLY
1) The switch terminals referred to in the last step ("snip the leads") is S9.

I think that's it. And as I said earlier, most of these errors have
been corrected in the updated version of the manual.

If you have any questions, please don't hesitate to drop me a line.

56. Re: [pfr3_group] Parts Clarification Needed...

Yahoo group: pfr3_group
Date: 2008-07-05 22:58:39 UTC
From: Craig LaBarge
Topic: 54 Message: 56

Ed:

Thanks for the info. Actually, I'm working from Rev B of the manual, which I just downloaded last night. So, it looks like at least one of those mistakes made it into the latest manual.

73, Craig WB3GCK

----- Original Message ----
From: Ed - K9EW <k9ew57@...>
To: pfr3_group@yahoogroups.com
Sent: Saturday, July 5, 2008 6:10:26 PM
Subject: Re: [pfr3_group] Parts Clarification Needed...

Hi Craig,

I got one of the first 50 kits at Dayton, and here is a list of the discrepancies I found. I'm sure some - if not all - of these have been corrected in later revisions of the manual. Check on Doug's website for the latest release. The answer to your specific question is, "Yes" (see "GROUP 2 ASSEMBLY" below).

73,
ed - k9ew
www.k9ew.us

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described in the manual. I contacted Steve Weber about this, and he said he changed the timing because 2 seconds seemed too long. I suggested that 1/2 second was too short, and that 1 second would be about right.

GROUP 2 ASSEMBLY

1) R14 (1M resistor) was missing.

2) C7, C11, C13, C14 are 100pf (103) C0G's (mono/yellow) , not NPO's (disk/brown) capacitors.
3) C8, C9, C10, C79 are 150pf (151) C0G's (mono/yellow) , not NPO's

(disk/brown, with black dot) capacitors.

GROUP 3 ASSEMBLY
1) C55 is shown, but not listed for assembly. Install C55 (0.1mf, 104, mono, yellow).
2) C59 should be a 0.001mf (102, disk, brown).

GROUP 4 ASSEMBLY
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GROUP 5 ASSEMBLY
1) The switch terminals referred to in the last step ("snip the leads") is S9.

I think that's it. And as I said earlier, most of these errors have been corrected in the updated version of the manual.

If you have any questions, please don't hesitate to drop me a line.

57. pfr3 crystal grounding

Yahoo group: pfr3_group
Date: 2008-07-06 01:00:33 UTC
From: n5drb
Topic: 57 Message: 57

The instructions for mounting the 5 crystals(X1,2,3,4,5), say to ground them on the grounding pads provided. X5 has no grounding pad provided. What to do here?

N5DRB

58. Group 2 testing

Yahoo group: pfr3_group
Date: 2008-07-06 07:59:30 UTC
From: Marc G0AZS
Topic: 58 Message: 58
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

59. Re: PFR amd FD

Yahoo group: pfr3_group
Date: 2008-07-06 08:21:28 UTC
From: g0azs
Topic: 35 Message: 59

Hi Dieter

FWIW... I don't know if something has changed in the kits, but when I was doing my group 2 tests last night, there was so much audio, it would have caused pain when wound right up. You may not need to do the mod... check first.

73 Marc G0AZS

--- In pfr3_group@yahoogroups.com, "Dieter Klaschka" <dieter.klaschka@...> wrote:
>
> Thanks, Marc , for the hint.
> I put all in my file at the moment for the building time to come.
> 72 Dieter GQRP 7739

60. Re: [pfr3_group] pfr3 crystal grounding

Yahoo group: pfr3_group
Date: 2008-07-06 12:26:45 UTC
From: Michael Harnage
Topic: 57 Message: 60

Likely it's for the BFO and doesn't need grounding like the filter crystals.

-mike/w1mt

--- On Sun, 7/6/08, n5drb <n5drb@...> wrote:

> From: n5drb <n5drb@...>
> Subject: [pfr3_group] pfr3 crystal grounding
> To: pfr3_group@yahoogroups.com
> Date: Sunday, July 6, 2008, 2:00 AM
> The instructions for mounting the 5 crystals(X1,2,3,4,5),
> say to ground
> them on the grounding pads provided. X5 has no grounding
> pad provided.
> What to do here?

61. Re: Group 2 testing

Yahoo group: pfr3_group
Date: 2008-07-06 16:50:07 UTC
From: Craig LaBarge
Topic: 58 Message: 61

Marc:

I just finished the Group 2 testing. I also had some strangeness with the paddles. It seemed that after I completed the calibration steps, the rig stopped recognizing the paddle input.

Eventually, the paddles started working again. I ran through the calibration steps and, after I pressed the KEYER button to exit the calibration mode, the same thing happened. (I'm using the chip with the old firmware, by the way.)

Other than that, the paddles seem to be working normally (when they worked!). :-)

I'm hoping they start working again, so I can continue on to Group 3 this afternoon.

73, Craig WB3GCK

--- In pfr3_group@yahoogroups.com, "Marc G0AZS" <marc.g0azs@...> wrote:
>
> Hi All
>
> Just wanted to ask a couple of questions.
>
> When completing the group 2 smoke test (using a 9v battery as a supply)
> everything went well, RX peaked in the right place, signals heard, ref freq.
> calibrated, IF adjusted and BFO set.
>
> However, it seemed to take a short while after power up before the keyer
> would start recognising the paddle inputs. Once it had started, it was fine
> but it was 30 seconds or so after power up before it responded to them. It
> doesn't seem to be an intermittent connection as it's solid once it's
> started. Anyone else noticed this?
>
> ...BTW I do have the latest chip from Steve.
>
> Also a dumb question... the "star" type washer for the capacitor extension
> posts... does it go under the screw (on top of the post) or under the post
> (on top of the cap)?
>

> 73 Marc G0AZS
>

62. Re: Group 2 testing

Yahoo group: pfr3_group
Date: 2008-07-06 17:39:46 UTC
From: n3ham1
Topic: 58 Message: 62

I can answer the dumb question, I couldn't get the knob on with the star washer on the top so I figured it went on the bottom right on top of the cap. I held a small piece of wire down into the screw hole of the cap and slid the washer over the wire. I gently took the wire away and carefully with the screw already in the extension, placed it over the washer and cap, screwing it in. Worked like a charm the first time. I used the dished end of the extension for the screw head end. I've made a few qsos so far on 40mtrs with a coax fed dipole, so I haven't tried the BLT yet. Love this radio, the HW9 gets a rest. 72, Jerry N3ham
--- In pfr3_group@yahoogroups.com, "Marc G0AZS" <marc.g0azs@...> wrote:
>
> Hi All
>
> Just wanted to ask a couple of questions.
>
> When completing the group 2 smoke test (using a 9v battery as a supply)
> everything went well, RX peaked in the right place, signals heard, ref freq.
> calibrated, IF adjusted and BFO set.
>
> However, it seemed to take a short while after power up before the keyer
> would start recognising the paddle inputs. Once it had started, it was fine
> but it was 30 seconds or so after power up before it responded to them. It
> doesn't seem to be an intermittent connection as it's solid once it's
> started. Anyone else noticed this?
>
> ...BTW I do have the latest chip from Steve.
>
> Also a dumb question... the "star" type washer for the capacitor extension
> posts... does it go under the screw (on top of the post) or under the post
> (on top of the cap)?
>
> 73 Marc G0AZS
>

63. Re: Group 2 testing

Yahoo group: pfr3_group
Date: 2008-07-06 17:53:01 UTC
From: Craig LaBarge
Topic: 58 Message: 63

Just a follow-up... I went back downstairs and the paddles eventually started working again. I changed the keyer mode from iambic A to B and they stopped working again. I double-checked continuity from the paddles right up to the pins on the chip, so it doesn't appear to be a construction problem. Something must have gone whacky in the firmware, I guess.

73, Craig WB3GCK

--- In pfr3_group@yahoogroups.com, "Craig LaBarge" <wb3gck@...> wrote:
>
> Marc:
>
> I just finished the Group 2 testing. I also had some strangeness with
> the paddles. It seemed that after I completed the calibration steps,
> the rig stopped recognizing the paddle input.
>
> Eventually, the paddles started working again. I ran through the
> calibration steps and, after I pressed the KEYER button to exit the
> calibration mode, the same thing happened. (I'm using the chip with
> the old firmware, by the way.)
>
> Other than that, the paddles seem to be working normally (when they
> worked!). :-)
>
> I'm hoping they start working again, so I can continue on to Group 3
> this afternoon.
>
> 73, Craig WB3GCK
>

64. Re: Group 2 testing

Yahoo group: pfr3_group
Date: 2008-07-06 17:55:30 UTC
From: Paul Smith
Topic: 58 Message: 64

My PFR-3 keyer was funny acting as well altho I slowed it down to 18 wpm and did not seem to act the same way. I used for several contacts on FD and it worked great! Alas my chip is in the mail somewhere on it's way to KD1JV for re-programming. My little YELLOW radio sure looks sad in pieces on the shelf...snif snif hi hi!!!

65. Re: [pfr3_group] Weird paddle behaviour WAS Re: Group 2 testing

Yahoo group: pfr3_group
Date: 2008-07-06 20:46:47 UTC
From: Marc G0AZS
Topic: 65 Message: 65
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

66. Weird paddle behaviour WAS Re: Group 2 testing

Yahoo group: pfr3_group
Date: 2008-07-06 21:18:55 UTC
From: w2bpi
Topic: 65 Message: 66

I thot Steve said the newer cip had red dot on it. See his post about that in a earlier post on this forum. Also be sure you really have 9V under load.
>
> I am using a new chip from Steve with a yellow dot on it and I'm using a 9V

67. Re: [pfr3_group] Weird paddle behaviour WAS Re: Group 2 testing

Yahoo group: pfr3_group
Date: 2008-07-06 21:54:08 UTC
From: Marc G0AZS
Topic: 65 Message: 67
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

68. Re: [pfr3_group] Weird paddle behaviour WAS Re: Group 2 testing

Yahoo group: pfr3_group
Date: 2008-07-06 22:16:33 UTC
From: Craig LaBarge
Topic: 65 Message: 68

I was using 9 volt batteries. I tried a couple of them with the same results.

----- Original Message ----
From: Marc G0AZS <marc.g0azs@...>
To: pfr3_group@yahoogroups.com
Sent: Sunday, July 6, 2008 5:54:08 PM
Subject: Re: [pfr3_group] Weird paddle behaviour WAS Re: Group 2 testing

Hi... Yes it's a new one...see this from a mail to me from Steve a week or two ago...

"...If the MEGA48 chip has a red or yellow dot on it, then it is the new one..."

I guess a low voltage might cause the erratic paddle behaviour? Maybe I'll try a higher voltage next. I wonder what voltage Craig was using?

73 Marc G0AZS

2008/7/6 w2bpi <w2bpi1@...>:

I thot Steve said the newer cip had red dot on it. See his post about
that in a earlier post on this forum. Also be sure you really have 9V
under load.

>
> I am using a new chip from Steve with a yellow dot on it and I'm
using a 9V

69. Weird paddle behaviour WAS Re: Group 2 testing

Yahoo group: pfr3_group
Date: 2008-07-06 22:46:33 UTC
From: w2bpi
Topic: 65 Message: 69

I tried a 9v battery here and mine keys OK. George/W2BPI

In pfr3_group@yahoogroups.com, Craig LaBarge <wb3gck@...> wrote:
>
> I was using 9 volt batteries. I tried a couple of them with the
same results.
>
>
> ----- Original Message ----
> From: Marc G0AZS <marc.g0azs@...>
> To: pfr3_group@yahoogroups.com
> Sent: Sunday, July 6, 2008 5:54:08 PM
> Subject: Re: [pfr3_group] Weird paddle behaviour WAS Re: Group 2
testing
>
>
> Hi... Yes it's a new one...see this from a mail to me from Steve a
week or two ago...
>
> "...If the MEGA48 chip has a red or yellow dot on it, then it is
the new one..."
>
> I guess a low voltage might cause the erratic paddle behaviour?
Maybe I'll try a higher voltage next. I wonder what voltage Craig was
using?
>
> 73 Marc G0AZS
>
>
> 2008/7/6 w2bpi <w2bpi1@...>:
>
> I thot Steve said the newer cip had red dot on it. See his post
about
> that in a earlier post on this forum. Also be sure you really have
9V
> under load.
>
> >
> > I am using a new chip from Steve with a yellow dot on it and I'm
> using a 9V
>

70. PFR3 to PFR3 contact

Yahoo group: pfr3_group
Date: 2008-07-06 22:49:18 UTC
From: w2bpi
Topic: 70 Message: 70

Have not had a PFR3 to PFR3 contact yet. I'll be calling CQ now around 7028-7030 if anyone can hear me.

71. Gel cell battery

Yahoo group: pfr3_group
Date: 2008-07-07 12:20:33 UTC
From: w2bpi
Topic: 71 Message: 71

Put it on the charger last night. Got up this morning to a bad odor comming from the basement. Thought I had a sewage problem. In looking around I discovered my gel cell battery had the sides and top bulged out and it was very hot. That is where odor was comming from. Now I wonder if something was wrong with the battery or did the charger malfunction and over charge the battery? Could have started a fire! Wonder if anyone else has had this experience? George/W2BPI

72. Re: new person

Yahoo group: pfr3_group
Date: 2008-07-08 16:51:01 UTC
From: wb8yyy_curt
Topic: 53 Message: 72

Roy

welcome to the crowd. well since you have already ordered, you better hope so! i dont operate portable that much, so spending the extra $$ on the KX1 wasn't a priority (i spent these $$ on the KAT100 !).

the receiver should be similar, as both use similar chips. the Rx sounds great to me - let's see later how the performance numbers compare. i have no concerns here.

transmitter - well its got filters and outputs around 5 watts. testing should confirm its a clean design (if we put the right number of turns on the toroids and proper caps in place -- and likely our power output results confirm this).

where they are different is the man-machine interface and the package. using a radio without a tuning knob is ok on CW. RIT is easy and so is changing sending speed.

i haven't done the work to figure out how to use the internal batteries, as removing 4 screws seems a bit much to use this feature.

my chips been sent back to Steve (i had one of the first 100 ...) and waiting for Doug to send 6 caps that were missing (maybe in today's mail ...).

i need to assemble my portable antenna so i'll have an excuse to take the rig places!

73, curt

--- In pfr3_group@yahoogroups.com, "merlinrail" <rkavampsev@...> wrote:
>
> Hi all
> just ordered my PFR3 today so hopefully i will be active in a few
> weeks .
> are they very similar to the elecraft KX1 as they appear to be ??
> cheers
> GM4VKI
> Roy
>

73. Re: [pfr3_group] Re: new person

Yahoo group: pfr3_group
Date: 2008-07-08 22:41:44 UTC
From: ki6ds@dospalos.org
Topic: 53 Message: 73

Curt, you should have received it by now. I will put another set in the
mail tomorrow. Thanks, Doug

> Roy
>
> welcome to the crowd. well since you have already ordered, you
> better hope so! i dont operate portable that much, so spending the
> extra $$ on the KX1 wasn't a priority (i spent these $$ on the
> KAT100 !).
>
> the receiver should be similar, as both use similar chips. the Rx
> sounds great to me - let's see later how the performance numbers
> compare. i have no concerns here.
>
> transmitter - well its got filters and outputs around 5 watts.
> testing should confirm its a clean design (if we put the right number
> of turns on the toroids and proper caps in place -- and likely our
> power output results confirm this).
>
> where they are different is the man-machine interface and the
> package. using a radio without a tuning knob is ok on CW. RIT is
> easy and so is changing sending speed.
>
> i haven't done the work to figure out how to use the internal
> batteries, as removing 4 screws seems a bit much to use this
> feature.
>
> my chips been sent back to Steve (i had one of the first 100 ...) and
> waiting for Doug to send 6 caps that were missing (maybe in today's
> mail ...).
>
> i need to assemble my portable antenna so i'll have an excuse to take
> the rig places!
>
> 73, curt
>
>
> --- In pfr3_group@yahoogroups.com, "merlinrail" <rkavampsev@...>
> wrote:
>>
>> Hi all
>> just ordered my PFR3 today so hopefully i will be active in a few
>> weeks .
>> are they very similar to the elecraft KX1 as they appear to be ??
>> cheers

>> GM4VKI
>> Roy
>>
>
>
>

74. Xmit current

Yahoo group: pfr3_group
Date: 2008-07-09 01:07:51 UTC
From: w2bpi
Topic: 74 Message: 74

Has anyone checked the current draw @12VDC while transmitting?

75. Hello from new member.

Yahoo group: pfr3_group
Date: 2008-07-09 17:45:36 UTC
From: J.-P. Couture
Topic: 75 Message: 75

Hi, Kit ordered yesterday. Can't wait to get my hands on this.

Dumb question: can I use 300onh TV balanced line as feeder?

73 VA2SG

76. PFR-3 on video

Yahoo group: pfr3_group
Date: 2008-07-09 20:43:22 UTC
From: J.-P. Couture
Topic: 76 Message: 76

Want to see it ni action: http://www.youtube.com/watch?v=_yF5Rp0u9KE

77. Re: Hello from new member.

Yahoo group: pfr3_group
Date: 2008-07-10 16:38:59 UTC
From: wb8yyy_curt
Topic: 75 Message: 77

Enjoy the new rig when it arrives. Patiently read the instructions, and some steps require some thought. Rig indeed is nice.

Yes you can feed your center fed doublet with twin lead, certainly at 5 watts it should do fine for a reasonable distance. A popular choice to consider for this tri-bander is a 44 foot (13.4 m) total length fed in the center -- this should still have a nice pattern on 20m and be enough to work on 40m. (please note info on using less turns on the antenna tuner transformer than the instructions -- info should be on this list somewhere).

73, curt

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...> wrote:
>
> Hi, Kit ordered yesterday. Can't wait to get my hands on this.
>
> Dumb question: can I use 300onh TV balanced line as feeder?
>
> 73 VA2SG
>

78. Audio Mod...Problem

Yahoo group: pfr3_group
Date: 2008-07-11 01:37:45 UTC
From: n3ham1
Topic: 78 Message: 78

The rig has been a lot of fun so far..at home. I haven't taken it outside yet. I think at some point I'm going to send the chip in to get it updated since there are some keyer issues that crop up now and then, unless it's just me trying to adjust to the paddles. I tried doing the audio mod but it won't work for me since there is a local daylight AM broadcaster not far from here that comes booming in along with the improved volume. Without the mod,there is adequate volume on 40...30 and 20 could use a bit more. Jerry.

79. Re: [pfr3_group] Audio Mod...Problem

Yahoo group: pfr3_group
Date: 2008-07-11 02:22:12 UTC
From: WA0ITP
Topic: 78 Message: 79

Hi Jerry,

You might try a high pass filter between the ant and the
lpf.

The one in the Rock Mite files is a good one and may do the
job for you.
http://f1.grp.yahoofs.com/v1/oL52SJ1p7yprUwR-ckFpydsd76pp0UbylsPYasvKDfM8Wp7dAyLLquNW8uY4E
2dorgLS0mYEcQFlUzccfCk0YyzVFw/BCI%20filter/RM%20BCI%20Schematic.jpg

Its a 5 element Chebychev and is the #61 filter in the 1993
handbook filter table. The table lists 40dB rejection at
1.56 Mc.

I love this radio stuff !
72, 73 Terry, WA?ITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

----- Original Message -----
From: "n3ham1" <a1aop@...>
To: <pfr3_group@yahoogroups.com>
Sent: Thursday, July 10, 2008 8:37 PM
Subject: [pfr3_group] Audio Mod...Problem

| The rig has been a lot of fun so far..at home. I haven't
taken it
| outside yet. I think at some point I'm going to send the
chip in to
| get it updated since there are some keyer issues that crop
up now and
| then, unless it's just me trying to adjust to the paddles.
I tried
| doing the audio mod but it won't work for me since there
is a local
| daylight AM broadcaster not far from here that comes
booming in along
| with the improved volume. Without the mod,there is
adequate volume on
| 40...30 and 20 could use a bit more. Jerry.
|
|
| ---
|

| Yahoo! Groups Links
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|
| --
| No virus found in this incoming message.
| Checked by AVG.
| Version: 7.5.524 / Virus Database: 270.4.7/1544 - Release
Date: 7/10/2008 7:37 AM
|
|

80. PFR3 has just arrived

Yahoo group: pfr3_group
Date: 2008-07-11 13:37:26 UTC
From: Dieter Klaschka
Topic: 80 Message: 80

Just to share my joy with others and to give Doug an info:

My kit has just arrived at the customs and is waiting to be fetched
from there.
;-)
72, Dieter.DL2BQD

81. Re: Hello from new member.

Yahoo group: pfr3_group
Date: 2008-07-11 14:06:41 UTC
From: J.-P. Couture
Topic: 75 Message: 81

Thanks Curt,

Yeah, the BLT mod, message #2 and etc... It be great to use it with only one antenna for 20 and 40. Does the 44 feet works on 30m?

I'll check the manual on reception and will probably do the mod at first. Then, we'll see.

Expecting some good outdoor fun with the yellow box!

--- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@...> wrote:
>
> Enjoy the new rig when it arrives. Patiently read the instructions,
> and some steps require some thought. Rig indeed is nice.
>
> Yes you can feed your center fed doublet with twin lead, certainly at 5
> watts it should do fine for a reasonable distance. A popular choice to
> consider for this tri-bander is a 44 foot (13.4 m) total length fed in
> the center -- this should still have a nice pattern on 20m and be
> enough to work on 40m. (please note info on using less turns on the
> antenna tuner transformer than the instructions -- info should be on
> this list somewhere).
>
> 73, curt
>
>
> --- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@>
> wrote:
> >
> > Hi, Kit ordered yesterday. Can't wait to get my hands on this.
> >
> > Dumb question: can I use 300onh TV balanced line as feeder?
> >
> > 73 VA2SG
> >
>

82. Re: [pfr3_group] PFR3 has just arrived

Yahoo group: pfr3_group
Date: 2008-07-11 14:07:18 UTC
From: rkavampsev@aol.com
Topic: 80 Message: 82

gosh dieter you are a lucky person im still awaiting mine, i think a sea gull is bringing it across the pond
keep us up to date how you get along with the construction
cheers and beers
73's
GM4VKI
roy

83. Re: [pfr3_group] PFR3 has just arrived

Yahoo group: pfr3_group
Date: 2008-07-11 14:58:02 UTC
From: Marc G0AZS
Topic: 80 Message: 83
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

84. Re: Audio Mod...Problem

Yahoo group: pfr3_group
Date: 2008-07-11 23:13:53 UTC
From: n3ham1
Topic: 78 Message: 84

Thanks for the tip Terry, I'll check it out. I'm a member of that group.
72, Jerry
--- In pfr3_group@yahoogroups.com, "WA0ITP" <wa0itp@...> wrote:
>
> Hi Jerry,
>
> You might try a high pass filter between the ant and the
> lpf.
>
> The one in the Rock Mite files is a good one and may do the
> job for you.
>
http://f1.grp.yahoofs.com/v1/oL52SJ1p7yprUwR-ckFpydsd76pp0UbylsPYasvKDfM\
8Wp7dAyLLquNW8uY4E2dorgLS0mYEcQFlUzccfCk0YyzVFw/BCI%20filter/RM%20BCI%20\
Schematic.jpg
>
> Its a 5 element Chebychev and is the #61 filter in the 1993
> handbook filter table. The table lists 40dB rejection at
> 1.56 Mc.
> ----------------------------
> I love this radio stuff !
> 72, 73 Terry, WAØITP
> www.wa0dx.org/wa0itp
> www.4sqrp.com
> www.hams4u.com
> www.qrpspots.com
>
>
> ----- Original Message -----
> From: "n3ham1" a1aop@...
> To: pfr3_group@yahoogroups.com
> Sent: Thursday, July 10, 2008 8:37 PM
> Subject: [pfr3_group] Audio Mod...Problem
>
>
> | The rig has been a lot of fun so far..at home. I haven't
> taken it
> | outside yet. I think at some point I'm going to send the
> chip in to
> | get it updated since there are some keyer issues that crop
> up now and
> | then, unless it's just me trying to adjust to the paddles.
> I tried
> | doing the audio mod but it won't work for me since there
> is a local

> | daylight AM broadcaster not far from here that comes
> booming in along
> | with the improved volume. Without the mod,there is
> adequate volume on
> | 40...30 and 20 could use a bit more. Jerry.
> |
> |
> | ---
> |
> | Yahoo! Groups Links
> |
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> |
> | --
> | No virus found in this incoming message.
> | Checked by AVG.
> | Version: 7.5.524 / Virus Database: 270.4.7/1544 - Release
> Date: 7/10/2008 7:37 AM
> |
> |
>

85. Re-programmed chip

Yahoo group: pfr3_group
Date: 2008-07-12 17:51:32 UTC
From: Paul Smith
Topic: 85 Message: 85

My chip came in the mail a few minutes ago. I put the yellow radio back together and ZOWEE!!!!! It is beautiful!!!!!!!!!!!!!!. I have been having withdrawl since a week ago last Thursday when I sent the chip off. The ole USPS is slow from Kansas to New Hampshire. Actually I think you can't get there from here you have to go somewhere else to start out hi hi.... Thanks Steve for your work and Doug for all that you do... Man I am pumped. It is raining today so no working from the town square as I had planned for the first outing but I will work someone from home de Paul N0NBD.

PS the chip now has a yellow dot on it.... Man I like YELLOW.....

86. PFR-3

Yahoo group: pfr3_group
Date: 2008-07-12 20:19:12 UTC
From: Bert M. Thompson
Topic: 86 Message: 86

The kit just arrived and i've printed out the 24 page manual
now the fun begins. 73

87. Looking for a signal from the DDS and substitute parts for BS170 finals

Yahoo group: pfr3_group
Date: 2008-07-13 18:18:01 UTC
From: querencias
Topic: 87 Message: 87

Bought a partially finished PFR-3 from a friend who is having problems with his eye-sight. He had finished the receiver section and did a good job. However, I suspicion that I blew the "finals," the 3 BS170 MOSFETs, as I finished the assembly. Looking on the internet there was no substitute. But looking in the Mouser catalog they found a match, 2N7000.

http://www.mouser.com/Search/Refine.aspx?
FS=TRUE&Ntt=*bs170*&N=1323038&Ntx=mode%2bmatchall&Ns=P_SField&OriginalKeyw
ord=bs170&Ntk=Mouser_Wildcards

Anyone on the list have any suggestions or experience with this problem?

I checked all the other circuitry associated with these MOSFETs and everything seems ok, as best I can tell without an oscilloscope or logic probe.

So in summary everything seems ok, in particular I checked the FQP7P06 which switches the V+ to the BS170s and all the signals seem ok. The critical signal I can't check without the scope/probe is the "BIGNB" (pin 16 U7) which drives the dual NOR gates that in turn drive the BS170s.

Anyone know how to check the 7 MHz signal on that pin without the scope?

72/73 Grant KT6L

88. Re: [pfr3_group] Looking for a signal from the DDS and substitute parts for BS170 finals

Yahoo group: pfr3_group
Date: 2008-07-13 18:49:04 UTC
From: WA0ITP
Topic: 87 Message: 88

HI Grant,

Try using a small cap, say ~ .001 uf or less clipped to a jumper to act an antenna. Touch the cap to pin 16 U7 and listen to the PFR freq (7040?) on another receiver. Should be able to hear it. may have to string the "jumper antenna" close to the antenna terminals of the receiver.

The 2N7000's will sub for the BS170's, except the 170's are more robust, and will handle about twice to power dissipation. Be careful tho, the drain and source leads are reversed, so the 7000's arent a drop in replacement. I'd order the BS 170's, rather than using the 2N7000's in this case, since its a little tougher final, which is a help during tuning.

Mouser has them on this page.
http://www.mouser.com/Search/Refine.aspx?Ntt=*bs170*&N=1323038&Ntx=mode%2bmatchall&Ns=P_SField&OriginalKeyword=bs170&Ntk=Mouser_Wildcards

Good luck, and let us know how it goes.

I love this radio stuff !
72, 73 Terry, WA?ITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

----- Original Message -----
From: "querencias" <tuquerencia@...>
To: <pfr3_group@yahoogroups.com>
Sent: Sunday, July 13, 2008 1:18 PM
Subject: [pfr3_group] Looking for a signal from the DDS and substitute parts for BS170 finals

| Bought a partially finished PFR-3 from a friend who is having problems with his eye-sight.
| He had finished the receiver section and did a good job. However, I suspicion that I blew
| the "finals," the 3 BS170 MOSFETs, as I finished the assembly. Looking on the internet
| there was no substitute. But looking in the Mouser catalog they found a match, 2N7000.
|

| http://www.mouser.com/Search/Refine.aspx?
|
FS=TRUE&Ntt=*bs170*&N=1323038&Ntx=mode%2bmatchall&Ns=P_SField&OriginalKeyw
| ord=bs170&Ntk=Mouser_Wildcards
|
| Anyone on the list have any suggestions or experience with
this problem?
|
| I checked all the other circuitry associated with these
MOSFETs and everything seems ok,
| as best I can tell without an oscilloscope or logic probe.
|
| So in summary everything seems ok, in particular I checked
the FQP7P06 which switches
| the V+ to the BS170s and all the signals seem ok. The
critical signal I can't check without
| the scope/probe is the "BIGNB" (pin 16 U7) which drives
the dual NOR gates that in turn
| drive the BS170s.
|
| Anyone know how to check the 7 MHz signal on that pin
without the scope?
|
| 72/73 Grant KT6L
|
|
| ------------------------------------
|
| Yahoo! Groups Links
|
|
|
|
| No virus found in this incoming message.
| Checked by AVG - http://www.avg.com
| Version: 8.0.138 / Virus Database: 270.4.10/1549 - Release
Date: 7/12/2008 4:31 PM
|
|
|

89. Re: Looking for a signal from the DDS and substitute parts for BS170 finals

Yahoo group: pfr3_group
Date: 2008-07-13 20:07:36 UTC
From: querencias
Topic: 87 Message: 89

Terry,

Very clever! This test shows that the DDS is generating the signal input to the NOR gates but the gate outputs are VERY low, per the volume on the aux receiver - have to conclude that
the MOSFETs are now dead...looks like the gates are going straight to ground. I have a lot of confidence that the 10 V swx is working as I see the voltage on the MOSFET source pins. Also found a reference to a replacement on the net - NTE claims that NTE490 will sub for the BS170 - haven't checked the specs yet but they're probably available at Fry's.

Thanks for the clever and elegant test - that's REAL Ham radio!

72/73 grant

--- In pfr3_group@yahoogroups.com, "WA0ITP" <wa0itp@...> wrote:
>
> HI Grant,
>
> Try using a small cap, say ~ .001 uf or less clipped to a
> jumper to act an antenna. Touch the cap to pin 16 U7 and
> listen to the PFR freq (7040?) on another receiver. Should
> be able to hear it. may have to string the "jumper antenna"
> close to the antenna terminals of the receiver.
>
> The 2N7000's will sub for the BS170's, except the 170's are
> more robust, and will handle about twice to power
> dissipation. Be careful tho, the drain and source leads are
> reversed, so the 7000's arent a drop in replacement. I'd
> order the BS 170's, rather than using the 2N7000's in this
> case, since its a little tougher final, which is a help
> during tuning.
>
> Mouser has them on this page.
> http://www.mouser.com/Search/Refine.aspx?
Ntt=*bs170*&N=1323038&Ntx=mode%2bmatchall&Ns=P_SField&OriginalKeyword=bs170
&Ntk=Mouser_Wildcards
>
> Good luck, and let us know how it goes.
> ----------------------------
> I love this radio stuff !
> 72, 73 Terry, WAØITP
> www.wa0dx.org/wa0itp
> www.4sqrp.com
> www.hams4u.com
> www.qrpspots.com
>

>
> ----- Original Message -----
> From: "querencias" <tuquerencia@...>
> To: <pfr3_group@yahoogroups.com>
> Sent: Sunday, July 13, 2008 1:18 PM
> Subject: [pfr3_group] Looking for a signal from the DDS and
> substitute parts for BS170 finals
>
>
> | Bought a partially finished PFR-3 from a friend who is
> having problems with his eye-sight.
> | He had finished the receiver section and did a good job.
> However, I suspicion that I blew
> | the "finals," the 3 BS170 MOSFETs, as I finished the
> assembly. Looking on the internet
> | there was no substitute. But looking in the Mouser
> catalog they found a match, 2N7000.
> |
> | http://www.mouser.com/Search/Refine.aspx?
> |
>
FS=TRUE&Ntt=*bs170*&N=1323038&Ntx=mode%2bmatchall&Ns=P_SField&OriginalKeyw
> | ord=bs170&Ntk=Mouser_Wildcards
> |
> | Anyone on the list have any suggestions or experience with
> this problem?
> |
> | I checked all the other circuitry associated with these
> MOSFETs and everything seems ok,
> | as best I can tell without an oscilloscope or logic probe.
> |
> | So in summary everything seems ok, in particular I checked
> the FQP7P06 which switches
> | the V+ to the BS170s and all the signals seem ok. The
> critical signal I can't check without
> | the scope/probe is the "BIGNB" (pin 16 U7) which drives
> the dual NOR gates that in turn
> | drive the BS170s.
> |
> | Anyone know how to check the 7 MHz signal on that pin
> without the scope?
> |
> | 72/73 Grant KT6L
> |
> |
> | ------------------------------------
> |
> | Yahoo! Groups Links
> |
> |

> |
> |
> | No virus found in this incoming message.
> | Checked by AVG - http://www.avg.com
> | Version: 8.0.138 / Virus Database: 270.4.10/1549 - Release
> Date: 7/12/2008 4:31 PM
> |
> |
> |
>

90. Re: [pfr3_group] Re: Looking for a signal from the DDS and substitute parts for BS170 finals

Yahoo group: pfr3_group
Date: 2008-07-13 20:47:11 UTC
From: WA0ITP
Topic: 87 Message: 90

Congrats, sounds like you have figured out. Wish there were
a Fry's near to me. I've only been in the one in Phoenix,
but it sure beat our local Radio Shack for parts (and
everything else).

Good luck and hope swapping the finals does the job.

I love this radio stuff !
72, 73 Terry, WA?ITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

----- Original Message -----
From: "querencias" <tuquerencia@...>
To: <pfr3_group@yahoogroups.com>
Sent: Sunday, July 13, 2008 3:07 PM
Subject: [pfr3_group] Re: Looking for a signal from the DDS
and substitute parts for BS170 finals

Terry,

Very clever! This test shows that the DDS is generating the
signal input to the NOR gates
but the gate outputs are VERY low, per the volume on the aux
receiver - have to conclude
that
the MOSFETs are now dead...looks like the gates are going
straight to ground. I have a lot
of confidence that the 10 V swx is working as I see the
voltage on the MOSFET source
pins. Also found a reference to a replacement on the net -
NTE claims that NTE490 will
sub for the BS170 - haven't checked the specs yet but
they're probably available at Fry's.

Thanks for the clever and elegant test - that's REAL Ham
radio!

72/73 grant

--- In pfr3_group@yahoogroups.com, "WA0ITP" <wa0itp@...>
wrote:
>

> HI Grant,
>
> Try using a small cap, say ~ .001 uf or less clipped to a
> jumper to act an antenna. Touch the cap to pin 16 U7 and
> listen to the PFR freq (7040?) on another receiver.
> Should
> be able to hear it. may have to string the "jumper
> antenna"
> close to the antenna terminals of the receiver.
>
> The 2N7000's will sub for the BS170's, except the 170's
> are
> more robust, and will handle about twice to power
> dissipation. Be careful tho, the drain and source leads
> are
> reversed, so the 7000's arent a drop in replacement. I'd
> order the BS 170's, rather than using the 2N7000's in this
> case, since its a little tougher final, which is a help
> during tuning.
>
> Mouser has them on this page.
> http://www.mouser.com/Search/Refine.aspx?
Ntt=*bs170*&N=1323038&Ntx=mode%2bmatchall&Ns=P_SField&OriginalKeyword=bs170
&Ntk=Mouser_Wildcards
>
> Good luck, and let us know how it goes.
> ----------
> I love this radio stuff !
> 72, 73 Terry, WA?ITP
> www.wa0dx.org/wa0itp
> www.4sqrp.com
> www.hams4u.com
> www.qrpspots.com
>
>
> ----- Original Message -----
> From: "querencias" <tuquerencia@...>
> To: <pfr3_group@yahoogroups.com>
> Sent: Sunday, July 13, 2008 1:18 PM
> Subject: [pfr3_group] Looking for a signal from the DDS
> and
> substitute parts for BS170 finals
>
>
> | Bought a partially finished PFR-3 from a friend who is
> having problems with his eye-sight.
> | He had finished the receiver section and did a good job.
> However, I suspicion that I blew
> | the "finals," the 3 BS170 MOSFETs, as I finished the
> assembly. Looking on the internet

> | there was no substitute. But looking in the Mouser
> catalog they found a match, 2N7000.
> |
> | http://www.mouser.com/Search/Refine.aspx?
> |
>
FS=TRUE&Ntt=*bs170*&N=1323038&Ntx=mode%2bmatchall&Ns=P_SField&OriginalKeyw
> | ord=bs170&Ntk=Mouser_Wildcards
> |
> | Anyone on the list have any suggestions or experience
> with
> this problem?
> |
> | I checked all the other circuitry associated with these
> MOSFETs and everything seems ok,
> | as best I can tell without an oscilloscope or logic
> probe.
> |
> | So in summary everything seems ok, in particular I
> checked
> the FQP7P06 which switches
> | the V+ to the BS170s and all the signals seem ok. The
> critical signal I can't check without
> | the scope/probe is the "BIGNB" (pin 16 U7) which drives
> the dual NOR gates that in turn
> | drive the BS170s.
> |
> | Anyone know how to check the 7 MHz signal on that pin
> without the scope?
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> | 72/73 Grant KT6L
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> | ------------------------------------
> |
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> Release
> Date: 7/12/2008 4:31 PM
> |
> |
> |
>

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.138 / Virus Database: 270.4.10/1549 - Release
Date: 7/12/2008 4:31 PM

91. 40 meters sounds great!

Yahoo group: pfr3_group
Date: 2008-07-13 20:47:15 UTC
From: Joseph A. Feustle, Jr
Topic: 91 Message: 91

Just finished the receiver section and am slowly moving to the transmitter. I've had the kit for a while but waited on assembly until I got my new Hakko 936 soldering station. Sure worth the wait! Tuning up and down seems a bit strange though I'm certain I'll get used to it.

72

Joe N8JF

92. PFR3 Portable "Shakedown Cruise" 07-11-08

Yahoo group: pfr3_group
Date: 2008-07-14 13:32:09 UTC
From: donaldjmcbride
Topic: 92 Message: 92

Hello Group,

Just finished building the new PFR-3 Xcvr and took it to a 1600' ASL bluff in Cook Forest State Park in rural PA on July 11th for a "shake down cruise" of sorts. Will try to upload a photo of setup and the view from there.

Those looking for a poor man's KX1 might take a look at this new offering by Doug Hendricks. It's another one of Steve Weber's excellent designs and is a self-contained portable 20-30-40 meter transceiver with built-in memory keyer, BLT tuner and AA batteries. I haven't done the recommended firmware update yet, but the rig and keyer seem to work fine as is. I wonder what difference others are seeing with the updated chip?
I also haven't yet done the internal BLT mod so my tuner doesn't tune much. I was far too anxious to try the new little rig out!

Anyhow, it was fun getting 589/599 signal reports on my inverted jumper-vee launched into a tree with a drilled golf ball. Being 250' above average terrain really seems to help!
Tuning with buttons instead of an analog dial takes a bit of getting used to, but does work. My Wilderness Radio SIERRA seems easier to use but I guess we need to get with the times.

Very interested to hear how others are doing with the PER3 and how it compares to the KX1.
... 72/73
Don WA3ZBJ/3

93. Re: PFR3 Portable "Shakedown Cruise" 07-11-08

Yahoo group: pfr3_group
Date: 2008-07-14 16:18:05 UTC
From: Paul Smith
Topic: 92 Message: 93

--- In pfr3_group@yahoogroups.com, "donaldjmcbride" <McBride_D@...>
wrote:
>
> Hello Group,
>
> Just finished building the new PFR-3 Xcvr and took it to a 1600' ASL
> bluff in Cook Forest State Park in rural PA on July 11th for a "shake

I wonder what difference others are
> seeing with the updated chip?
I am not sure what all the up graded chip does. My acted kinda
sluggesh at 25 wpm but fine at 18. The upgraded chip that I received in
the mail Saturday has a pretty yellow dot on it. It does remember the
last frequency that U were on. Maybe Steve can give a rundown of the
changes. I know I like mine fine. de Paul N0NBD

94. Group 2 Complete

Yahoo group: pfr3_group
Date: 2008-07-15 03:39:18 UTC
From: Bert M. Thompson
Topic: 94 Message: 94

Well group 2 is complete .. listened to w1aw on 14.0475mhz and the receiver sounds great. Well it's on to group 3 Transmitter section.

95. New member and MFJ keyer question

Yahoo group: pfr3_group
Date: 2008-07-15 04:18:06 UTC
From: bosko22666
Topic: 95 Message: 95

Hello, interested in getting one of these as it's backpackable - but I'm new to ham and don't know . dash yet ;~)
Was wondering if a MFJ-464 CW/keyer/reader with a keyboard would work with one of these? I'll learn code when I have the time but would like to get and use one of these MFJ keyers as I can hear what I'm typing and receiving. Will the PFR3 tune well enough so I can get a solid signal and have the MFJ decode it? Thanks in advance!
Tom, KE7PBB

96. Re: New member and MFJ keyer question

Yahoo group: pfr3_group
Date: 2008-07-15 11:48:18 UTC
From: wb8yyy_curt
Topic: 95 Message: 96

Tom

tuning of the PFR3 is solid, as with its stable clock the DDS chip drifts less than a conventional VFO.

however, the results with the CW reader will vary widely. it should copy machine sent CW (like ARRL bulletins) well. how well it will copy real world CW is not so certain. CW sent by a human with a paddle may be copied less accurately, and adding interference and noise may degrade things further.

another factor is battery power needed to fun the MFJ-464 (do examine it).

convince yourself that you can do CW. back when there was a novice ticket it was common for elementary school kids to pass the CW and written tests. (of course they may have had more free time than us!). yes CW is the king of modes when it comes to portable operating, DXing and even contesting. i enjoy all the other modes, but taking the time to do CW will enrich your experience. of course if you build a PFR3, you will committed to learning and using CW !

73, curt

--- In pfr3_group@yahoogroups.com, "bosko22666" <jboldway@...> wrote:
>
> Hello, interested in getting one of these as it's backpackable - but
> I'm new to ham and don't know . dash yet ;~)
> Was wondering if a MFJ-464 CW/keyer/reader with a keyboard would work
> with one of these? I'll learn code when I have the time but would
like
> to get and use one of these MFJ keyers as I can hear what I'm typing
> and receiving. Will the PFR3 tune well enough so I can get a solid
> signal and have the MFJ decode it? Thanks in advance!
> Tom, KE7PBB
>

97. Re: New member and MFJ keyer question

Yahoo group: pfr3_group
Date: 2008-07-15 12:10:46 UTC
From: J.-P. Couture
Topic: 95 Message: 97

Can I add something

In 15 years, I never heard of a software or machine able to make goo
copy of CW. But, I always heard QSOs at slow speeds, for example
around 7.100. As I am contesting since 2004, I send and copy 30wpm
now but, like almost all hams, I'll always slow down to the other
station speed.

In summary, take your code, you won't regret it! And there will
always be somebody for you to QSO.

JP VA2SG

--- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@...> wrote:
>
> Tom
>
> tuning of the PFR3 is solid, as with its stable clock the DDS chip
> drifts less than a conventional VFO.
>
> however, the results with the CW reader will vary widely. it
should
> copy machine sent CW (like ARRL bulletins) well. how well it will
copy
> real world CW is not so certain. CW sent by a human with a paddle
may
> be copied less accurately, and adding interference and noise may
> degrade things further.
>
> another factor is battery power needed to fun the MFJ-464 (do
examine
> it).
>
> convince yourself that you can do CW. back when there was a
novice
> ticket it was common for elementary school kids to pass the CW and
> written tests. (of course they may have had more free time than
us!).
> yes CW is the king of modes when it comes to portable operating,
DXing
> and even contesting. i enjoy all the other modes, but taking the
time
> to do CW will enrich your experience. of course if you build a
PFR3,
> you will committed to learning and using CW !
>

> 73, curt
>
>
>
> --- In pfr3_group@yahoogroups.com, "bosko22666" <jboldway@> wrote:
> >
> > Hello, interested in getting one of these as it's backpackable -
but
> > I'm new to ham and don't know . dash yet ;~)
> > Was wondering if a MFJ-464 CW/keyer/reader with a keyboard would
work
> > with one of these? I'll learn code when I have the time but
would
> like
> > to get and use one of these MFJ keyers as I can hear what I'm
typing
> > and receiving. Will the PFR3 tune well enough so I can get a
solid
> > signal and have the MFJ decode it? Thanks in advance!
> > Tom, KE7PBB
> >
>

98. Re: [pfr3_group] Re: New member and MFJ keyer question

Yahoo group: pfr3_group
Date: 2008-07-15 12:23:01 UTC
From: Fred Cull
Topic: 95 Message: 98

Tom
Curt's advice is sound. Learning CW need not be as difficult as some would make it seem or as we would like to convince ourself. There are sites on the web that can help you learn CW by methods that will get you up-and-running in very little time. These methods teach in a way more compatable with how the brain works. I hope you can find a CW mentor in your area who will coach and encourge you. CW is a skill that sets us apart from the crowd. You CAN do it.
72/73 Fred - WA5BUC

----- Original Message ----
From: wb8yyy_curt <wb8yyy@...>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, July 15, 2008 6:48:18 AM
Subject: [pfr3_group] Re: New member and MFJ keyer question

Tom

tuning of the PFR3 is solid, as with its stable clock the DDS chip
drifts less than a conventional VFO.

however, the results with the CW reader will vary widely. it should
copy machine sent CW (like ARRL bulletins) well. how well it will copy
real world CW is not so certain. CW sent by a human with a paddle may
be copied less accurately, and adding interference and noise may
degrade things further.

another factor is battery power needed to fun the MFJ-464 (do examine
it).

convince yourself that you can do CW. back when there was a novice
ticket it was common for elementary school kids to pass the CW and
written tests. (of course they may have had more free time than us!).
yes CW is the king of modes when it comes to portable operating, DXing
and even contesting. i enjoy all the other modes, but taking the time
to do CW will enrich your experience. of course if you build a PFR3,
you will committed to learning and using CW !

73, curt

--- In pfr3_group@yahoogro ups.com, "bosko22666" <jboldway@.. .> wrote:
>
> Hello, interested in getting one of these as it's backpackable - but
> I'm new to ham and don't know . dash yet ;~)
> Was wondering if a MFJ-464 CW/keyer/reader with a keyboard would work
> with one of these? I'll learn code when I have the time but would
like
> to get and use one of these MFJ keyers as I can hear what I'm typing

> and receiving. Will the PFR3 tune well enough so I can get a solid
> signal and have the MFJ decode it? Thanks in advance!
> Tom, KE7PBB
>

99. Todays PFR-3 contacts

Yahoo group: pfr3_group
Date: 2008-07-16 00:57:09 UTC
From: n5drb
Topic: 99 Message: 99

Had lots of fun this afternoon with the PFR-3 made the following
contacts using the shack G5RV and an A3S Yagi.
Still running on the AA batteries
W8FS - Lowell, Flint, MI
KE7S - Joe, Wellington, NV
K3DQ - Jim, Frederick, MD
T77C - Tony, San Marino , ITaly
CT3/DF8AA - Wolfgang, Madeira

N5DRB

100. Re: [pfr3_group] Todays PFR-3 contacts

Yahoo group: pfr3_group
Date: 2008-07-16 01:47:04 UTC
From: WA0ITP
Topic: 99 Message: 100

WoW, way to go Dennis!!

I love this radio stuff !
72, 73 Terry, WA?ITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

----- Original Message -----
From: "n5drb" <n5drb@...>
To: <pfr3_group@yahoogroups.com>
Sent: Tuesday, July 15, 2008 7:57 PM
Subject: [pfr3_group] Todays PFR-3 contacts

| Had lots of fun this afternoon with the PFR-3 made the
following
| contacts using the shack G5RV and an A3S Yagi.
| Still running on the AA batteries
| W8FS - Lowell, Flint, MI
| KE7S - Joe, Wellington, NV
| K3DQ - Jim, Frederick, MD
| T77C - Tony, San Marino , ITaly
| CT3/DF8AA - Wolfgang, Madeira
|
|
| N5DRB
|
|
| ---
|
| Yahoo! Groups Links
|
|
|
|
| No virus found in this incoming message.
| Checked by AVG - http://www.avg.com
| Version: 8.0.138 / Virus Database: 270.4.11/1554 - Release
Date: 7/15/2008 6:03 PM
|
|
|

101. TxPower

Yahoo group: pfr3_group
Date: 2008-07-16 11:53:29 UTC
From: Bert M. Thompson
Topic: 101 Message: 101

Well my pfr3 is complete, however, can not seem to get the full 5 watts on any band. I checked the turns on L8, L10 and L12 and they are correct. I have 12 volts at the board the best band is 20 meters .. get abt 3 watts the other bands abt 2 watts. I have not checked the turns on L9, L11, and L13 but they appear to be correct also. I would like to get close to the advertised 5 watts on each band before boxing up the board. I also have tried moving the turns around with a little improvement.. BOY I hope I don't have to start removing turns!! Perhaps an other transistor can be paralled with the three??

Bert M. Thompson kb3mhb Thanks for listening 73!

102. Re: [pfr3_group] TxPower

Yahoo group: pfr3_group
Date: 2008-07-16 12:12:05 UTC
From: W2AGN
Topic: 101 Message: 102

Bert M. Thompson wrote:
> Well my pfr3 is complete, however, can not seem to get the full 5 watts
> on any band. I checked the turns on L8, L10 and L12 and they are
> correct. I have 12 volts at the board the best band is 20 meters .. get
> abt 3 watts the other bands abt 2 watts. I have not checked the turns
> on L9, L11, and L13 but they appear to be correct also. I would like to
> get close to the advertised 5 watts on each band before boxing up the
> board. I also have tried moving the turns around with a little
> improvement.. BOY I hope I don't have to start removing turns!! Perhaps
> an other transistor can be paralled with the three??
>
> Bert M. Thompson kb3mhb Thanks for listening 73!
>
>

Bert,

Better check those other coils. I had to diddle the turns on mine to REDUCE the power to 5 watts. At 12V I was getting 8 watts on 20M and 7W on 30 and 40. So something is wrong. After keying your rig for 30 seconds or so, check the temperature of the transistors in the final. If they are all about the same temperature, good, but it is possible one is blown and the others are carrying the load.

--
+-+-+-+-+-+ w2agn@...
|W|2|A|G|N| Celebrating 50 years
+-+-+-+-+-+ of Amateur Radio
1958-2008 http://w2agn.net
-.- ...-- .... .-.. ..-

103. Re: New member and MFJ keyer question

Yahoo group: pfr3_group
Date: 2008-07-16 14:19:56 UTC
From: bosko22666
Topic: 95 Message: 103

Thanks to everybody for the input. Guess if I can find he time to build a kit I can make the time to learn CW. Time is what's in short supply, however, as I work a ton of hours and some weekends too. I get my free time in "chunks" - so I figured the keyboard keyer would allow me to hop on every now and then - don't have the 30 min each day to practice code. Well, guess I'll try to MAKE the 30 min . . . .

Thansk again everybody!
Tom KE7PBB

--- In pfr3_group@yahoogroups.com, Fred Cull <wa5buc@...> wrote:
>
> Tom
> Curt's advice is sound. Learning CW need not be as difficult as some would make it seem or as we would like to convince ourself. There are sites on the web that can help you learn CW by methods that will get you up-and-running in very little time. These methods teach in a way more compatable with how the brain works. I hope you can find a CW mentor in your area who will coach and encourge you. CW is a skill that sets us apart from the crowd. You CAN do it.
> 72/73 Fred - WA5BUC
>
>
> ----- Original Message ----
> From: wb8yyy_curt <wb8yyy@...>
> To: pfr3_group@yahoogroups.com
> Sent: Tuesday, July 15, 2008 6:48:18 AM
> Subject: [pfr3_group] Re: New member and MFJ keyer question
>
>
> Tom
>
> tuning of the PFR3 is solid, as with its stable clock the DDS chip
> drifts less than a conventional VFO.
>
> however, the results with the CW reader will vary widely. it
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PFR3,
> you will committed to learning and using CW !
>
> 73, curt
>
> --- In pfr3_group@yahoogro ups.com, "bosko22666" <jboldway@ .>
wrote:
> >
> > Hello, interested in getting one of these as it's backpackable -
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> > I'm new to ham and don't know . dash yet ;~)
> > Was wondering if a MFJ-464 CW/keyer/reader with a keyboard would
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> > to get and use one of these MFJ keyers as I can hear what I'm
typing
> > and receiving. Will the PFR3 tune well enough so I can get a
solid
> > signal and have the MFJ decode it? Thanks in advance!
> > Tom, KE7PBB
> >
>

104. Re: TxPower

Yahoo group: pfr3_group
Date: 2008-07-16 21:38:51 UTC
From: Bert M. Thompson
Topic: 101 Message: 104

--- In pfr3_group@yahoogroups.com, W2AGN <w2agn@...> wrote:
>
> Bert M. Thompson wrote:
> > Well my pfr3 is complete, however, can not seem to get the full 5 watts
> > on any band. I checked the turns on L8, L10 and L12 and they are
> > correct. I have 12 volts at the board the best band is 20 meters .. get
> > abt 3 watts the other bands abt 2 watts. I have not checked the turns
> > on L9, L11, and L13 but they appear to be correct also. I would like to
> > get close to the advertised 5 watts on each band before boxing up the
> > board. I also have tried moving the turns around with a little
> > improvement.. BOY I hope I don't have to start removing turns!! Perhaps
> > an other transistor can be paralled with the three??
> >
> > Bert M. Thompson kb3mhb Thanks for listening 73!
> >
> >
>
> Bert,
>
> Better check those other coils. I had to diddle the turns on mine to REDUCE the
> power to 5 watts. At 12V I was getting 8 watts on 20M and 7W on 30 and 40. So
> something is wrong. After keying your rig for 30 seconds or so, check the
> temperature of the transistors in the final. If they are all about the same
> temperature, good, but it is possible one is blown and the others are carrying
> the load.
>
> --
> +-+-+-+-+-+ w2agn@...
> |W|2|A|G|N| Celebrating 50 years
> +-+-+-+-+-+ of Amateur Radio
> 1958-2008 http://w2agn.net
> -.- ...-- .... .-.. ..-
>
Thanks John,

Well all is well; short between the headsets hi. Lots of power; the problem was that I had my MFJ tuner in tune mode for 40 meters and 20 meters for my qrp rigs. Well of course those settings are not the same as those for the "pfr3". Now I have the tuner settings written down for 20, 30, and 40 using my MFJ tuner. Next I'll try to to tune my antenna through the unbalanced coax using the "pfr3" auto tuner. This is not my "DUMBEST" mistake hi. That was in group 3 installing the U8 socket and not the chip. Then checking the outputs for the proper levels. Well it's on to the internal tuner.. if that works I can though away my MFJ tuner. hi hi 73

Bert M. Thompson kb3mhb 7/16/08

105. PFR-3 completed/diode question

Yahoo group: pfr3_group
Date: 2008-07-17 00:48:53 UTC
From: boblusby
Topic: 105 Message: 105

Complete my PFR-3 this past weekend and have it on the air.
Substituted two 1N4148 diodes for D1 & D2 which were missing from the original parts. Seems to work okay. I have not installed the internal battery case yet.
Any suggestions for some diodes to drop the supply voltage when using an external 13.5v power supply? The two general purpose diodes (unknown value but had a good voltage drop) I used died after a short period of transmitting. I am running close to 7-watts with 13.5v power supply. Battery pack is just about spot on.
Cheers, Bob, k9foh.

106. Re: [pfr3_group] PFR-3 completed/diode question

Yahoo group: pfr3_group
Date: 2008-07-17 03:41:03 UTC
From: Ed - K9EW
Topic: 105 Message: 106

A couple of cheap 1N4001's would do it. They're rated at 50v, 1A
which should do the trick. I've been using them in my PFR3 for
several weeks, and they work fine.

72/73,
ed - k9ew
www.k9ew.us

> Any suggestions for some diodes to drop the supply voltage when
> using an external 13.5v power supply?

107. Re: New member and MFJ keyer question

Yahoo group: pfr3_group
Date: 2008-07-17 11:47:46 UTC
From: wb8yyy_curt
Topic: 95 Message: 107

Tom

if it took 30 minutes a day for a year few of us would know CW. learn the characters one by one. and as you see text, exercise your mind by converting letters to sound. when you see a C think 'dah-di-dah-dit, and vice versa. learn these letters a few at a time. when you have about half of them, start listening to CW on your rig. catch the letters you know and let the others fall onto the floor. your confidence will build and you'll get the rest of them down. remember we are interested in this for the long term, don't fret the time you dont have. eventually you'll catch dah dididah which is T U or thank you. listen to those contest exchanges (boring except the thrill of shaking hands by radio with operators world-wide. dididididit dahdit dahdit = 5 N N (which is 5 9 9 signal report). go for it! listen to the music!

73 curt

--- In pfr3_group@yahoogroups.com, "bosko22666" <jboldway@...> wrote:
>
> Thanks to everybody for the input. Guess if I can find he time to
> build a kit I can make the time to learn CW. Time is what's in short
> supply, however, as I work a ton of hours and some weekends too. I
> get my free time in "chunks" - so I figured the keyboard keyer would
> allow me to hop on every now and then - don't have the 30 min each
> day to practice code. Well, guess I'll try to MAKE the 30 min . . . .
>
> Thansk again everybody!
> Tom KE7PBB
>
> --- In pfr3_group@yahoogroups.com, Fred Cull <wa5buc@> wrote:
> >
> > Tom
> > Curt's advice is sound. Learning CW need not be as difficult as
> some would make it seem or as we would like to convince ourself.
> There are sites on the web that can help you learn CW by methods that
> will get you up-and-running in very little time. These methods teach
> in a way more compatable with how the brain works. I hope you can
> find a CW mentor in your area who will coach and encourge you. CW is
> a skill that sets us apart from the crowd. You CAN do it.

> > 72/73 Fred - WA5BUC
> >
> >
> > ----- Original Message ----
> > From: wb8yyy_curt <wb8yyy@>
> > To: pfr3_group@yahoogroups.com
> > Sent: Tuesday, July 15, 2008 6:48:18 AM
> > Subject: [pfr3_group] Re: New member and MFJ keyer question
> >
> >
> > Tom
> >
> > tuning of the PFR3 is solid, as with its stable clock the DDS
chip
> > drifts less than a conventional VFO.
> >
> > however, the results with the CW reader will vary widely. it
> should
> > copy machine sent CW (like ARRL bulletins) well. how well it
will
> copy
> > real world CW is not so certain. CW sent by a human with a
paddle
> may
> > be copied less accurately, and adding interference and noise may
> > degrade things further.
> >
> > another factor is battery power needed to fun the MFJ-464 (do
> examine
> > it).
> >
> > convince yourself that you can do CW. back when there was a
novice
> > ticket it was common for elementary school kids to pass the CW
and
> > written tests. (of course they may have had more free time than
> us!).
> > yes CW is the king of modes when it comes to portable operating,
> DXing
> > and even contesting. i enjoy all the other modes, but taking the
> time
> > to do CW will enrich your experience. of course if you build a
> PFR3,
> > you will committed to learning and using CW !
> >
> > 73, curt
> >
> > --- In pfr3_group@yahoogro ups.com, "bosko22666" <jboldway@ .>
> wrote:
> > >

> > > Hello, interested in getting one of these as it's backpackable -
> but
> > > I'm new to ham and don't know . dash yet ;~)
> > > Was wondering if a MFJ-464 CW/keyer/reader with a keyboard
would
> work
> > > with one of these? I'll learn code when I have the time but
would
> > like
> > > to get and use one of these MFJ keyers as I can hear what I'm
> typing
> > > and receiving. Will the PFR3 tune well enough so I can get a
> solid
> > > signal and have the MFJ decode it? Thanks in advance!
> > > Tom, KE7PBB
> > >
> >
>

108. Re: Hello from new member.

Yahoo group: pfr3_group
Date: 2008-07-17 11:52:28 UTC
From: wb8yyy_curt
Topic: 75 Message: 108

Well if it works on 40 and 20, it should on 30. Many portable ops talk as if 44 feet is a mystical number. come to think of it, it is close to a resonant half wave on 30m! its a mere compromise between 40 and 20 that the tuner should relate to, and will produce a dipole-like pattern.

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...> wrote:
>
> Thanks Curt,
>
> Yeah, the BLT mod, message #2 and etc... It be great to use it with
> only one antenna for 20 and 40. Does the 44 feet works on 30m?
>
> I'll check the manual on reception and will probably do the mod at
> first. Then, we'll see.
>
> Expecting some good outdoor fun with the yellow box!
>
>
>
> --- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@> wrote:
> >
> > Enjoy the new rig when it arrives. Patiently read the
> instructions,
> > and some steps require some thought. Rig indeed is nice.
> >
> > Yes you can feed your center fed doublet with twin lead,
certainly
> at 5
> > watts it should do fine for a reasonable distance. A popular
> choice to
> > consider for this tri-bander is a 44 foot (13.4 m) total length
fed
> in
> > the center -- this should still have a nice pattern on 20m and be
> > enough to work on 40m. (please note info on using less turns on
> the
> > antenna tuner transformer than the instructions -- info should be
> on
> > this list somewhere).
> >
> > 73, curt
> >
> >

> > --- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@>
> > wrote:
> > >
> > > Hi, Kit ordered yesterday. Can't wait to get my hands on this.
> > >
> > > Dumb question: can I use 300onh TV balanced line as feeder?
> > >
> > > 73 VA2SG
> > >
> >
>

109. Re: PFR-3 completed/diode question

Yahoo group: pfr3_group
Date: 2008-07-17 12:53:43 UTC
From: n5drb
Topic: 105 Message: 109

--- In pfr3_group@yahoogroups.com, "boblusby" <boblusby@...> wrote:
>
> Complete my PFR-3 this past weekend and have it on the air.
> Substituted two 1N4148 diodes for D1 & D2 which were missing from the
> original parts. Seems to work okay. I have not installed the internal
> battery case yet.
> Any suggestions for some diodes to drop the supply voltage when
> using an external 13.5v power supply? The two general purpose diodes
> (unknown value but had a good voltage drop) I used died after a short
> period of transmitting. I am running close to 7-watts with 13.5v power
> supply. Battery pack is just about spot on.
> Cheers, Bob, k9foh.
>
Hi Bob,

I too will be installing diodes to get down to the 12 volts for the
PFR-3 . I am using 3 SK3081's in series . They are silicon diodes. I
plan to install mine inline on my power cord instead of in the rig .
These will provide a drop of about.5 each. I'll report later on today .
Dennis,N5DRB

110. Re: New member and MFJ keyer question

Yahoo group: pfr3_group
Date: 2008-07-17 12:54:31 UTC
From: J.-P. Couture
Topic: 95 Message: 110

See this page http://www.kb7tbt.com/vidclips/

Download Morse alphabet song, listen to it in your car, in the bus.

It helped me a lot!

73! VA2SG/QRP

--- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@...> wrote:
>
> Tom
>
> if it took 30 minutes a day for a year few of us would know CW.
> learn the characters one by one. and as you see text, exercise
your
> mind by converting letters to sound. when you see a C think 'dah-
di-
> dah-dit, and vice versa. learn these letters a few at a time.
when
> you have about half of them, start listening to CW on your rig.
catch
> the letters you know and let the others fall onto the floor. your
> confidence will build and you'll get the rest of them down.
remember
> we are interested in this for the long term, don't fret the time
you
> dont have. eventually you'll catch dah dididah which is T U or
thank
> you. listen to those contest exchanges (boring except the thrill
of
> shaking hands by radio with operators world-wide. dididididit
dahdit
> dahdit = 5 N N (which is 5 9 9 signal report). go for it! listen
to
> the music!
>
> 73 curt
>
>
> --- In pfr3_group@yahoogroups.com, "bosko22666" <jboldway@> wrote:
> >
> > Thanks to everybody for the input. Guess if I can find he time to
> > build a kit I can make the time to learn CW. Time is what's in
> short
> > supply, however, as I work a ton of hours and some weekends too.
I

> > get my free time in "chunks" - so I figured the keyboard keyer
> would
> > allow me to hop on every now and then - don't have the 30 min
each
> > day to practice code. Well, guess I'll try to MAKE the 30
> min . . . .
> >
> > Thansk again everybody!
> > Tom KE7PBB
> >
> > --- In pfr3_group@yahoogroups.com, Fred Cull <wa5buc@> wrote:
> > >
> > > Tom
> > > Curt's advice is sound. Learning CW need not be as difficult
as
> > some would make it seem or as we would like to convince ourself.
> > There are sites on the web that can help you learn CW by methods
> that
> > will get you up-and-running in very little time. These methods
> teach
> > in a way more compatable with how the brain works. I hope you can
> > find a CW mentor in your area who will coach and encourge you. CW
> is
> > a skill that sets us apart from the crowd. You CAN do it.
> > > 72/73 Fred - WA5BUC
> > >
> > >
> > > ----- Original Message ----
> > > From: wb8yyy_curt <wb8yyy@>
> > > To: pfr3_group@yahoogroups.com
> > > Sent: Tuesday, July 15, 2008 6:48:18 AM
> > > Subject: [pfr3_group] Re: New member and MFJ keyer question
> > >
> > >
> > > Tom
> > >
> > > tuning of the PFR3 is solid, as with its stable clock the DDS
> chip
> > > drifts less than a conventional VFO.
> > >
> > > however, the results with the CW reader will vary widely. it
> > should
> > > copy machine sent CW (like ARRL bulletins) well. how well it
> will
> > copy
> > > real world CW is not so certain. CW sent by a human with a
> paddle
> > may
> > > be copied less accurately, and adding interference and noise
may

> > > degrade things further.
> > >
> > > another factor is battery power needed to fun the MFJ-464 (do
> > examine
> > > it).
> > >
> > > convince yourself that you can do CW. back when there was a
> novice
> > > ticket it was common for elementary school kids to pass the CW
> and
> > > written tests. (of course they may have had more free time
than
> > us!).
> > > yes CW is the king of modes when it comes to portable
operating,
> > DXing
> > > and even contesting. i enjoy all the other modes, but taking
the
> > time
> > > to do CW will enrich your experience. of course if you build a
> > PFR3,
> > > you will committed to learning and using CW !
> > >
> > > 73, curt
> > >
> > > --- In pfr3_group@yahoogro ups.com, "bosko22666" <jboldway@ .>
> > wrote:
> > > >
> > > > Hello, interested in getting one of these as it's
backpackable -
>
> > but
> > > > I'm new to ham and don't know . dash yet ;~)
> > > > Was wondering if a MFJ-464 CW/keyer/reader with a keyboard
> would
> > work
> > > > with one of these? I'll learn code when I have the time but
> would
> > > like
> > > > to get and use one of these MFJ keyers as I can hear what I'm
> > typing
> > > > and receiving. Will the PFR3 tune well enough so I can get a
> > solid
> > > > signal and have the MFJ decode it? Thanks in advance!
> > > > Tom, KE7PBB
> > > >
> > >
> >
>

111. Re:PFR-3 completed/diode question

Yahoo group: pfr3_group
Date: 2008-07-17 19:03:18 UTC
From: Bob Lusby
Topic: 105 Message: 111

Thanks for the prompt responses. I used two 1N4001 diodes in series. Put them right at the Power Pole connector with heat shrink. Brings my power to 5-watts. Measured .75-volt drop across each so that gives me about 1.5-volts down from my Astron station power supply. Measured current is right at 500-ma key-down.

Another tip. I mounted a couple of sticky-feet on the rear feet to give me about an inch of tilt for better viewing while operating from the home QTH. Used Poster Putty to hold the feet on and then they can be removed very easily.

Now to find some knurled screws for easy case removal.

Again, thanks for all the quick help.

Cheers, Bob, k9foh (ex: KR6FJ, Okinawa; KA2BL, Japan; KA1DX & KA1BL, Marcus Island; KA1CQ, Iwo Jima; G5EBA, England).

112. Yup, it works

Yahoo group: pfr3_group
Date: 2008-07-17 20:12:50 UTC
From: Joseph A. Feustle, Jr
Topic: 112 Message: 112

Finished mine this afternoon. 5 watts out on all three bands using a 12V gel cell for supply. Did the audio mod also. Now, it's time to send the chip back for reprogramming and put all of this fun in the yellow box.

72
Joe, N8JF

113. Re: Yup, it works

Yahoo group: pfr3_group
Date: 2008-07-17 21:51:26 UTC
From: merlinrail
Topic: 112 Message: 113

--- In pfr3_group@yahoogroups.com, "Joseph A. Feustle, Jr"
<jafeustle@...> wrote:
>
> Finished mine this afternoon. 5 watts out on all three bands using a
> 12V gel cell for supply. Did the audio mod also. Now, it's time to
> send the chip back for reprogramming and put all of this fun in the
> yellow box.
>
> 72
> Joe, N8JF
>
Well done Joe still waiting for mine to arrive
roy
GM4VKI

114. Re: [pfr3_group] Re: Yup, it works

Yahoo group: pfr3_group
Date: 2008-07-18 01:18:06 UTC
From: J. Feustle
Topic: 112 Message: 114

Roy,

It's worth the wait. Believe me.

Joe

On Thu, 2008-07-17 at 21:51 +0000, merlinrail wrote:
> --- In pfr3_group@yahoogroups.com, "Joseph A. Feustle, Jr"
> <jafeustle@...> wrote:
> >
> > Finished mine this afternoon. 5 watts out on all three bands using a
> > 12V gel cell for supply. Did the audio mod also. Now, it's time to
> > send the chip back for reprogramming and put all of this fun in the
> > yellow box.
> >
> > 72
> > Joe, N8JF
> >
> Well done Joe still waiting for mine to arrive
> roy
> GM4VKI
>
>
>
>
>

115. Knurled screws for the pretty yellow case

Yahoo group: pfr3_group
Date: 2008-07-18 01:35:29 UTC
From: Paul Smith
Topic: 115 Message: 115

I have not looked yet but I would bet McMasters-Carr would have small knurled screws. A person might have to buy a hundred but I also would bet a person could unload the lot right here. Just sittin here listening to 40 meters and thinking what a "purty" yellow radio... de Paul N0NBD

116. Re: [pfr3_group] Knurled screws for the pretty yellow case

Yahoo group: pfr3_group
Date: 2008-07-18 02:01:38 UTC
From: Henry Schneider
Topic: 115 Message: 116

Paul

Are you married? Reason I ask is that I, too, bought one of those bright yellow puppies. But my XYL doesnt know it yet. The box is still hidden. Afraid to open it. How did you handle the shock your XYL went into when she saw that gosh awful yellow?

Henry W5HNS

Paul Smith <psmith61@...> wrote:
I have not looked yet but I would bet McMasters-Carr would have small knurled screws. A person might have to buy a hundred but I also would bet a person could unload the lot right here. Just sittin here listening to 40 meters and thinking what a "purty" yellow radio... de Paul N0NBD

117. RE: [pfr3_group] Knurled screws for the pretty yellow case

Yahoo group: pfr3_group
Date: 2008-07-18 02:46:30 UTC
From: Paul D. Smith
Topic: 115 Message: 117

Henry,
I have been married 36 years. I don't say anything about her sewing, quilting, beading, painting ect ect and she has not much to say about my radios. You do have a point tho, I have not "paraded" it down stairs for her to see hi hi hi de Paul N0NBD

PS the yellow GROWS on you LOL

-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Henry Schneider
Sent: Thursday, July 17, 2008 9:02 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Knurled screws for the pretty yellow case

Paul

Are you married? Reason I ask is that I, too, bought one of those bright yellow puppies.
But my XYL doesnt know it yet. The box is still hidden. Afraid to open it. How did you handle the shock your XYL went into when she saw that gosh awful yellow?

Henry W5HNS

Paul Smith <psmith61@...> wrote:
I have not looked yet but I would bet McMasters-Carr would have small knurled screws. A person might have to buy a hundred but I also would bet a person could unload the lot right here. Just sittin here listening to 40 meters and thinking what a "purty" yellow radio... de Paul N0NBD

118. Re: [pfr3_group] Knurled screws for the pretty yellow case

Yahoo group: pfr3_group
Date: 2008-07-18 09:04:53 UTC
From: Marc G0AZS
Topic: 115 Message: 118
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

119. Re: [pfr3_group] Knurled screws for the pretty yellow case

Yahoo group: pfr3_group
Date: 2008-07-18 10:03:03 UTC
From: Dieter Klaschka
Topic: 115 Message: 119

Hi,
Fine business Marc!
I had a look at your photo show as well. Great little yellow box. Congrats.
I fetched mine from the customs last Tuesday.
Took me a whole afternoon to drive the 40 miles there, wait and pay the DL VAT finally.
The ladies there had to look for a proper customs declaration number - " gagdet producing tones" ...an electronic piano or so.
Fortunately I had some numbers with me and they were happy to have a choice, hi.
But they looked very, very seriously. What a difficult, important job they've got to do.
Mind!!!

Will start checking parts agains list this afternoon or tomorrow - gardener is fighting with the ham at the moment. Have to fight a fierce battle against slugs and mice...clever beasts.

Marc, or other friends from the list, do you know whether the errata notes of V1 are enclosed as corrected ones in the newest manual version?

72, Dieter DL2BQD----- Original Message -----

From: Marc G0AZS
To: pfr3_group@yahoogroups.com
Sent: Friday, July 18, 2008 11:04 AM
Subject: Re: [pfr3_group] Knurled screws for the pretty yellow case

Hi All

I completed mine last night and would be very interested if someone finds some knurled screws.

Here it is:

http://www.flickr.com/photos/28485944@N00/2679462600/
http://www.flickr.com/photos/28485944@N00/2679462432/
http://www.flickr.com/photos/28485944@N00/2679462108/

BTW.. I showed my wife and she said "mmm... nice". Which is quite a good reaction for something radio related.

73 Marc G0AZS (K1UG, SM7ZAU)

120. Re: [pfr3_group] Knurled screws for the pretty yellow case

Yahoo group: pfr3_group
Date: 2008-07-18 10:33:52 UTC
From: Marc G0AZS
Topic: 115 Message: 120
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

121. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2008-07-18 12:43:50 UTC
From: pfr3_group@yahoogroups.com
Topic: 121 Message: 121

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /PFR-3_REV_B.1 manual.pdf
Uploaded by : novembereightjulietfoxtrot <jafeustle@...>
Description : Contains the mods to the BLT tuner.

You can access this file at the URL:
http://groups.yahoo.com/group/pfr3_group/files/PFR-3_REV_B.1%20manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

novembereightjulietfoxtrot <jafeustle@...>

122. Knurled screws

Yahoo group: pfr3_group
Date: 2008-07-18 13:38:46 UTC
From: Paul Smith
Topic: 122 Message: 122

I went to the McMasters Carr site. They have lots of thumb screws to choose from. Look here! de Paul N0NBD
Not connected with this outfit, we just order lots of stuff at work from them.

http://www.mcmaster.com/

123. Re: [pfr3_group] New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2008-07-18 14:38:22 UTC
From: Dennis Burton
Topic: 123 Message: 123

These new instructions don't seem to mesh with the instructions I got directly from Steve. Also bullet no. 7 in the new file I think should read turn 6 instead of 8.

Here's Steve's instructions to me for the T3 mod:

Dennis,

I assume you have the "B" manual, which does have a picture of the mounted toriod, but with the original number of turns. I have sent Doug a "B.1" version of the manual with the BLT changes, but I'm not sure it has been posted on the web site yet.

Your least confusing approach to winding the core at the moment might be to first wind the core as shown in the original instructions. Wind the primary turns first, make the center tap, then remove two turns from each side of the center tap, leaving a total of 12 turns.

Then wind the HI-Z secondary, again removing 1 turn from each side of the center tap and doing the same for the Low-Z winding.

It might be helpful to down load the BLT manual from qrpkits.com too, that has more pictures on how to wind the core, but the center tap is made in a different maner and shows the original number of turns.
72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire

Here is what I wound on my T3, starting from the original instructions and applying Steve's mods listed in his email. I've not had a chance to test it out yet.

Primary - 12 turns , center tap outside of turn 6 , (61/2).

Hi Z - total of 10 turns, 5 turns on each side of the center tap.

Lo Z - total of 4 turns, 2 on each side of the center tap.

http://kd1jv.qrpradio.com

----- Original Message -----
From: pfr3_group@yahoogroups.com
To: pfr3_group@yahoogroups.com
Sent: Friday, July 18, 2008 7:43 AM
Subject: [pfr3_group] New file uploaded to pfr3_group

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /PFR-3_REV_B.1 manual.pdf
Uploaded by : novembereightjulietfoxtrot <jafeustle@...>
Description : Contains the mods to the BLT tuner.

You can access this file at the URL:
http://groups.yahoo.com/group/pfr3_group/files/PFR-3_REV_B.1%20manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

novembereightjulietfoxtrot <jafeustle@...>

124. Re: [pfr3_group] New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2008-07-18 14:53:49 UTC
From: J. Feustle
Topic: 123 Message: 124

Correct. The turn number in bullet 7 appears to be a mistake. I simply downloaded the PDF from the Hendricks QRP site. Someone else does the editing.

72
Joe, N8JF

Dennis Burton wrote:
>
> *These new instructions don't seem to mesh with the instructions I got
> directly from Steve. Also bullet no. 7 in the new file I think should
> read turn 6 instead of 8.*
> **
> *Here's Steve's instructions to me for the T3 mod:*
> **
> Dennis,
>
> I assume you have the "B" manual, which does have a picture of the mounted
> toriod, but with the original number of turns. I have sent Doug a "B.1"
> version of the manual with the BLT changes, but I'm not sure it has been
> posted on the web site yet.
>
> Your least confusing approach to winding the core at the moment might
> be to
> first wind the core as shown in the original instructions. Wind the
> primary
> turns first, make the center tap, *then remove two turns from each side of
> the center tap, leaving a total of 12 turns.*
>
> *Then wind the HI-Z secondary, again removing 1 turn from each side of the
> center tap and doing the same for the Low-Z winding.
> *
> It might be helpful to down load the BLT manual from qrpkits.com too, that
> has more pictures on how to wind the core, but the center tap is made in a
> different maner and shows the original number of turns.
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
>
> *Here is what I wound on my T3, starting from the original
> instructions and applying Steve's mods listed in his email. I've not
> had a chance to test it out yet.*
> **
> *Primary *- *12* turns , center tap outside of turn *6 , (61/2).*

> * *
> *Hi Z - *total of *10 *turns,* 5* turns on each side of the center tap.
>
> *Lo Z - *total of *4* turns, *2* on each side of the center tap.
>
>
> http://kd1jv.qrpradio.com <http://kd1jv.qrpradio.com/>
>
> ----- Original Message -----
> *From:* pfr3_group@yahoogroups.com
> <mailto:pfr3_group@yahoogroups.com>
> *To:* pfr3_group@yahoogroups.com <mailto:pfr3_group@yahoogroups.com>
> *Sent:* Friday, July 18, 2008 7:43 AM
> *Subject:* [pfr3_group] New file uploaded to pfr3_group
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the pfr3_group
> group.
>
> File : /PFR-3_REV_B.1 manual.pdf
> Uploaded by : novembereightjulietfoxtrot <jafeustle@...
> <mailto:jafeustle@...>>
> Description : Contains the mods to the BLT tuner.
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/pfr3_group/files/PFR-3_REV_B.1%20manual.pdf
> <http://groups.yahoo.com/group/pfr3_group/files/PFR-3_REV_B.1%20manual.pdf>
>
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles
> <http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles>
>
> Regards,
>
> novembereightjulietfoxtrot <jafeustle@...
> <mailto:jafeustle%40sbcglobal.net>>
>
>
>

125. The Yellow Box - just for fun

Yahoo group: pfr3_group
Date: 2008-07-19 07:30:02 UTC
From: Dieter Klaschka
Topic: 125 Message: 125

Good morning,
hi, Marc,
There will be a wee bit of time till 2 way qso, hi. I start checking parts this afternoon.
Be patient, please.
I was amused about the question on tha other list on why the box is yellow. I wrote an answer:

> PFR - The Yellow Box.
We had a Yellow Submarine, hadn't we?!
Volkswagen advertises a new car. You see it on the screen, marvellous , elegant...Then the speaker asks whether you have seen the lady with the leopard on the right. Of course you haven't since you are fascinated by the new produce.
Here it is the sun flower yellow against grey-brown-black-green of common rigs, all ticky-tacky boxes, all the same (it was a song in the late 60s I think).
But perhaps they have only had a large amount of this colour
in the stores...
PFR and Yellow will be synonyms very soon.
Advertisment via colour. Well done!
Don't take my comment too seriously. Perhaps one should ask Doug or Steve why they use yellow.
Have a good weekend,
Dieter, DL2BQD
PS my PFR3 is also yellow ;-)
I like it!

----- Original Message -----
From: Marc G0AZS
To: pfr3_group@yahoogroups.com
Sent: Friday, July 18, 2008 12:33 PM
Subject: Re: [pfr3_group] Knurled screws for the pretty yellow case

Hi Dieter

Good luck with it.. I await our PFR-3 to PFR-3 QSO to DL on 40m!

I used manual ver B which seemed to have the errata included... I notice that ver B.1 now has the latest BLT mods included too so you should be OK to use it.

73 Marc G0AZS

2008/7/18 Dieter Klaschka <dieter.klaschka@...>:

Hi,
Fine business Marc!
I had a look at your photo show as well. Great little yellow box. Congrats.
I fetched mine from the customs last Tuesday.
Took me a whole afternoon to drive the 40 miles there, wait and pay the DL VAT finally.

The ladies there had to look for a proper customs declaration number - " gagdet producing tones" ...an electronic piano or so.
Fortunately I had some numbers with me and they were happy to have a choice, hi.
But they looked very, very seriously. What a difficult, important job they've got to do. Mind!!!

Will start checking parts agains list this afternoon or tomorrow - gardener is fighting with the ham at the moment. Have to fight a fierce battle against slugs and mice...clever beasts.

Marc, or other friends from the list, do you know whether the errata notes of V1 are enclosed as corrected ones in the newest manual version?

72, Dieter DL2BQD----- Original Message -----

From: Marc G0AZS
To: pfr3_group@yahoogroups.com
Sent: Friday, July 18, 2008 11:04 AM
Subject: Re: [pfr3_group] Knurled screws for the pretty yellow case

Hi All

I completed mine last night and would be very interested if someone finds some knurled screws.

Here it is:

http://www.flickr.com/photos/28485944@N00/2679462600/
http://www.flickr.com/photos/28485944@N00/2679462432/
http://www.flickr.com/photos/28485944@N00/2679462108/

BTW.. I showed my wife and she said "mmm... nice". Which is quite a good reaction for something radio related.

73 Marc G0AZS (K1UG, SM7ZAU)

126. Williams QRP Forums

Yahoo group: pfr3_group
Date: 2008-07-19 17:19:02 UTC
From: WA0ITP
Topic: 126 Message: 126

The Williams AZ forums are on the internet, here's the link
http://www.ustream.tv/channel/az-scqrpions

Doug Hendricks is coming up next and will talk on the PFR-3

I love this radio stuff !
72, 73 Terry, WA?ITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

127. BLT

Yahoo group: pfr3_group
Date: 2008-07-19 19:02:41 UTC
From: Joseph Feustle
Topic: 127 Message: 127

No matter what I do, I just can't get the BLT to work. Took out and rewound the toroid according to the latest specs and I still can't get the led to dim. I also don't notice any change in band noise when I try tuning with the tune and load capacitors. I mostly use coax-fed resonant antennas, so this is not a major obstacle to using the PFR-3 for now. But I'd like to get the complete rig to work, including the BLT. I've looked closely at the board several times and am now at the point where I can't see the solder connections for the components (forest for the trees?). Any and all suggestions will be appreciated.

72
Joe, N8JF

128. Re: [pfr3_group] BLT

Yahoo group: pfr3_group
Date: 2008-07-19 21:50:48 UTC
From: Marc G0AZS
Topic: 127 Message: 128
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

129. Advice?

Yahoo group: pfr3_group
Date: 2008-07-19 22:28:07 UTC
From: fghester
Topic: 129 Message: 129

Hi gang. Just finished Group 1 but alas, my chip has gone to visit good old Steve for the yellow dot treatment. What's the risk of moving ahead without doing the Group 1 smoke test first? Thanks! Woody / WD9F

130. PFR-3 issue

Yahoo group: pfr3_group
Date: 2008-07-20 03:26:40 UTC
From: bob4459
Topic: 130 Message: 130

Greetings,
Finished the PFR-3 and the transmit seems to work fine as does the keyer and other functions. But, the receiver is deaf. I hear the usual hissing of the receiver, but no cw signals. I compared to the shortwave this morning on 20 meters and got nothing on the PFR. I used the troubleshooting guide and hear the hum touching pins 4 and 5 on U2. Any thoughts? I did double check the wiring on T1 and I believe it to be wound and installed correctly.

Bob, AD7BP

131. Re: [pfr3_group] BLT

Yahoo group: pfr3_group
Date: 2008-07-20 07:54:40 UTC
From: Dieter Klaschka
Topic: 127 Message: 131

Marc,
I think that's the point when you mention type of antenna to be tuned + BLT.
I am going to use the PFR mostly outdoor for holidays - three band in one box a n d tuner/ swr-indicator enclosed.
We were on CT3 this March and I used an SST20 with a piece of ca 25 m litz wire down the balcony into a fig tree(I had the MFJ Antenna Tuner 160-10, power supply, little SWR with scale, key ... full table)
But this was possible only since the management allowed to rig the wire. I took a T-ant (wire with top hat) with me and some radials which could have been mouted on the balcony perhaps. But who knows this before?
On The Isle of Man last Sept I could use the car -12m pole and a dipole NorCal Doublet style - I tuned the K1 (20/40) with a ZM2. But now one has got three bands in one Yellow Box. Wow!

Have you made any BLT modifications or mounted it like REV B describes it?
72, Dieter. dl2bqd
----- Original Message -----
From: Marc G0AZS
To: pfr3_group@yahoogroups.com
Sent: Saturday, July 19, 2008 11:50 PM
Subject: Re: [pfr3_group] BLT

HI Joe

I''ve been using my PFR-3 for the first time today. The tuning is VERY sharp and it depends what you are trying to tune.

My G5RV at home will tune with the PFR-3 and BLT on 20m and 30m but not 40m Whereas when out on a SOTA activation with it this afternoon (22 QSO's in 7 DXCC entities) my 88ft double Norcal doublet tuned fine on all 3 bands... after I had found the null. You have to move VERY slowly.

I wonder what other experiences we will hear about this from others.

73 Marc G0AZS (K1UG, SM7ZAU)

2008/7/19 Joseph Feustle <jafeustle@...>:

No matter what I do, I just can't get the BLT to work. Took out and
rewound the toroid according to the latest specs and I still can't get
the led to dim. I also don't notice any change in band noise when I try
tuning with the tune and load capacitors. I mostly use coax-fed resonant
antennas, so this is not a major obstacle to using the PFR-3 for now.
But I'd like to get the complete rig to work, including the BLT. I've
looked closely at the board several times and am now at the point where
I can't see the solder connections for the components (forest for the
trees?). Any and all suggestions will be appreciated.

72
Joe, N8JF

132. checklist

Yahoo group: pfr3_group
Date: 2008-07-20 10:29:45 UTC
From: Dieter Klaschka
Topic: 132 Message: 132

Hi,
It's me again. I checked all parts of the parcel agains the list - all OK. The ATME shows a red dot .
I copied the parts list first and pinned it with needles on a foam plate. Here I put all Rs and Cs in, put the transistors and sensible parts into little pieces of anti static mats and stored all neatly in old slide boxes.

My "workshop" is the writing table of the former children's room. I use a framed (wooden frame 1/2 inch) board, in the left corner there is a 10x10 ") copperplate connected via 1MOhm to the central heating, my anti static device.

If one is able to enlargen the list a bit it is useful since the parts are rather close together and it might be you do a mis-grip when you take them out for being soldered.

I used an LC meter and an Ohm meter to check the parts,
a magnifying class shows all prints fairly well though.

Next step - first parts to mount and solder due to come.
Have a good weekend all.
72, Dieter DL2BQD

133. ShakeDown/NorcalDoublet Ant

Yahoo group: pfr3_group
Date: 2008-07-20 14:57:47 UTC
From: Bert M. Thompson
Topic: 133 Message: 133

PFR-3 Group,

Well it all checks out and then some! The last thing to check was the "BLT" backon lettuce es tomatoes hi. So I found a 51 ohm resistor in my junk box and was able to get the "SWR" led to go out. Up until then I was using "coax" to my Carolina Windom and using my MFJ tuner. So wanted to live test the "blt" tuner. Well I got out my 44ft "lamp cord" Norcal Doublet and threw my lead weighted tennis ball over a tree branch up abt. 30ft. Then looked for some ladder line and found none. So I went the the local "ACE" hardware store and got another 50ft of lamp cord. Retired to the comfort of the screened in back porch and connected the lamp cord to the "BLT" posts. Well to make a long story short I was able to tune 40 and 30 to lights out , however , could not get 20 to go out but was very dim. I think this is the worst case setup I can think of. By now was gg toward evening so tuned in 40 and listened around and made contack with a NH station and got 589 58n!! This the best radio I've built and now love it! Thanks to all for this great kit and to the PFR-3 group 73 Bert M. Thompson kb3mhb

134. Flying Pig Run For The Bacon, July

Yahoo group: pfr3_group
Date: 2008-07-20 15:16:28 UTC
From: querencias
Topic: 134 Message: 134

Tonight is the July Run For the Bacon sponsored by the Flying Pigs, a QRP Ham group, an event designed to encourage QRP CW.

The only requirement to become a Flying pig is that you be a licensed HAM and live within 12,000 nautical miles of Ohio. All Hams are invited to participate for a friendly exchange.

For the details and the Autolog, please visit :

http://www.gentzow.com/fpqrp/fpqrprun.php

Oink, oink es 72/73 de Grant KT6L Flying Pig #1904

135. Bad AD9834 chip?

Yahoo group: pfr3_group
Date: 2008-07-20 16:10:53 UTC
From: querencias
Topic: 135 Message: 135

After completion of the kit I found that everything is functional except the transmitter. After an initial posting and some feedback I concluded that the finals were destroyed. However, I borrowed a friend's oscilloscope and found that the output pin (#16, BIGN) of the AD9834 only had noise floating at 3.77 VDC, the noise is less than 20 mv, peak to peak. The output is pulled up by a 100 k ohm resistor connected to the +5 source. I checked the finals, 2N7000, in the circuit and they appear to be ok, and the 12 volt switch is wokring correctly, key down/up.

After changing the value of the pull-up resistor to 1 megOhm (this will reduce the current to be pulled down) the behavior was the same - only noise, but the DC level dropped to 3.5-3.6. So I ordered a replacement from Analog Devices which only costs $9. Not a bad price for such a powerful device. Won't have the new chip for another week.

The DDS chip output to the receiver labeled LO (local oscillator) seems to be fine per the scope and the receiver noise can be peaked and I have heard the output from a test transmitter.

After checking all the voltages and digital outputs on the MPU (with the red dot) I have to conclude that everything is in order and functional except the DDS output to the transmitter.

I was hoping that the problem lay elsewhere as I don't look forward to removing and replacing this surface mount device.

If anyone else in the group has experienced this I'd like to hear about it.

72 Grant KT6L

136. Any PFR-3 builder in SM?

Yahoo group: pfr3_group
Date: 2008-07-20 20:42:02 UTC
From: sm7bua
Topic: 136 Message: 136

A few weeks ago I ordered my PFR-3 kit and now waiting for the postman to come.
It would be nice to know if there is some more SM Hams building the kit, and also working it on the bands. I have been hunting SOTA stations some weeks now, and I have some plans for next summer to use the PFR-3 from some swedish summits.
I have made lot´s of QRP QSOs so it will be interesting to see how this kit will work. With a good antenna QRP is exellent.
See you down the log!
73 de SM7BUA Mats

137. RX Peaking - trimmer?

Yahoo group: pfr3_group
Date: 2008-07-21 08:20:03 UTC
From: g0azs
Topic: 137 Message: 137

Hi All

Just a quick question. My PFR-3 is working fine but I note that when I peak the RX on 40m it is near fully counter-clockwise near to the box label (per the manual) but 30m peaks near the 20m label and 20m is just peaking (I think) as the cap hits the clockwise end stop. Now I'm not sure if it's peaked so I was thinking about trimming the capacitor to see if there is more.

Am I right in thinking that fully clockwise for the main knob is minimum capacitance hence I would need to try un-meshing the trimmers to move it down a little?

Also I assume unmesh means turn the semicircular trim tabs away from the metal tab coming from one corner of the capacitor?

So do you think this might help with having a negative effect on the 40m peaking and have I made the right assumptions about the trimmer movement?

73 Marc G0AZS

138. Knurled screws

Yahoo group: pfr3_group
Date: 2008-07-21 12:43:48 UTC
From: Paul Smith
Topic: 122 Message: 138

I watched Doug Hendrick's talk from Williams on a streaming web thing Saturday. He said he would make available the same screws that hold on the paddles to be used instead of the small phillips head case screws. It was neet listening to what went into the R&D. de Paul N0NBD

139. Re:Any PFR-3 builder in SM?

Yahoo group: pfr3_group
Date: 2008-07-21 16:09:19 UTC
From: on6wj
Topic: 136 Message: 139

Hello Mats, and everybody here on the forum
as newbe :
a few day ago I also ordered the pfr-3 and also would like to know if there are already working rigs here in Belgium , or more ON's building the kit?
I do not know there is a sort of list where we can see the "current rigs" in operation plus their owners ?
(something like W8DIZ made a few years ago with his unique MPplus rigs)

And yes, already looking forward to the postman (for the kit) hi!
best 72's

Josef
ON6WJ / OP5R

140. Tune Capacitor

Yahoo group: pfr3_group
Date: 2008-07-22 01:02:49 UTC
From: k2qpn
Topic: 140 Message: 140

I have had my PFR3 on the air for about a month. Using a vertical I have worked 24 countries and working for QRP DXCC. Everything works well except for the BLT. The tune cap (C74 & C75) has no effect. The power out never changes. The load cap seems to work OK. I have metered everthing out and resoldered the connections. No help. Almost as if the cap is open. I also had to put a resistor across the SWR LED so it would dim.

Any ideas??

141. Re: [pfr3_group] Tune Capacitor

Yahoo group: pfr3_group
Date: 2008-07-22 02:20:34 UTC
From: Ed - K9EW
Topic: 140 Message: 141

> I also had to put a resistor across the SWR LED so it would dim.
>
> Any ideas??

One way of decreasing the sensitivity of the SWR LED would be to reduce the number of turns on the LED side of the SWR bridge, T2. It would have to be done experimentally but as-designed, the voltage ratio is 5:1 (25t:5t). Perhaps 4:1, or even less. I have not played with the BLT yet; I'm waiting 'til after FOBB.

73,
ed - k9ew
www.k9ew.us

142. Williams,AZ. Hamfest and the PFR3

Yahoo group: pfr3_group
Date: 2008-07-22 06:08:57 UTC
From: Ed
Topic: 142 Message: 142

Good evening all,Iam new here,name is Ed Kacura-N7EDK.Just returned from the Hamfest this past Fri.and Sat.We listened to Doug talk about the PFR3,and then Dr.Bob Armstrong-N7XJ,talk about using the PFR3 in the field last month in the mountains of Utah above 12,000'.He went out backpacking for 10 days with the radio,he also owns an Elecraft KX1.He had nothing but high praise for the PFR3 on that trip,compared to the KX1.I was all set to buy the KX1,but waited for Doug and Bob to speak at the hamfest,Iam glad I did!Iam ready to order the PFR3 now instead of the KX1 for my backpacking trips to the mountains here in southern Arizona.Can't wait to get started! 73 de Ed N7EDK Marana,Az.

143. Fw: group 1 assembly tact switches

Yahoo group: pfr3_group
Date: 2008-07-22 06:53:28 UTC
From: Dieter Klaschka
Topic: 143 Message: 143

----- Original Message -----
From: "Dieter Klaschka" <dl2bqd@...>
To: "pfr list" <pfr3_group@yahoogroups.com>
Sent: Monday, July 21, 2008 7:02 PM
Subject: group 1 assembly tact switches

> Good evening, good morning,
> Have nearly finished group one.
>
> Q: Please have I got to install the 4 tact switches in a certain
> direction due to their inner circuit?
> There is a small, tiny marking on one side of the plastic housing.
>
> I use a Third Hand Device to hold the board and I use another simple
> one - a rubber string crossing the board and holding the electrolyte
> caps, 28pin socket... the phono & key sockets so one can turn the
> board and solder the parts easily (of course one can bend or
> spread the legs, right ones make desoldering easier in case it is
> necessary).
> Another tool is a wooden round tooth picker do bring some parts to
> distance from the board.
> I 'polished ' the legs slightly a wee bit with a glass hair brush
> to keep soldering times short - don't know whether this is really
> senseful, just my experience.
> LED display module 1/32 " distance should go with ca 0.7 mm,
> shouldn't it?
>
> Looking forward to doing the smoketest.
> 72, Dieter.DL2BQD

144. distance betwenn board and display

Yahoo group: pfr3_group
Date: 2008-07-22 10:52:11 UTC
From: Dieter Klaschka
Topic: 144 Message: 144

Hi,
I think it would be a good idea to use a little 'helping tool' when assembling the display.
A drill with 1.6mm can be put between lower side of display and board; at this stage of building it can be easily shifted 'from the north side' under the display. A small stripe/ piece of board(the thickness of the board is about 1.7 mm)... could also do or the given excact height of the upper side of display from board
Here it is now 8.16 mm which adequates to 0.321 " (due to my slide rule caliper)

I put the assembled group1 board into the upper part of the housing: my display just reaches the lower part of the rectangle window and can be shifted unter it. It's not in the square, it's below.

At this stage of building a hint could be given, that the display should go into the window or stay just below the surface.
I compared with the pics on Doug's site , seems to be inteded this way to stay outside
.
The switch S5 on/out marks the border of the board to be put against the upper housing and I think one cannot screw the two screws on the input of socket phone and key from outside the housing otherwise the display will shift a bit outside its window...
HWT?

Anyway, building is great fun!
72,
Dieter.DL2BQD

145. Re: [pfr3_group] distance betwenn board and display

Yahoo group: pfr3_group
Date: 2008-07-22 11:11:27 UTC
From: Marc G0AZS
Topic: 144 Message: 145
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

146. Re: [pfr3_group] distance between board and display

Yahoo group: pfr3_group
Date: 2008-07-22 15:57:57 UTC
From: Dieter Klaschka
Topic: 146 Message: 146

Thanks, Marc, for the quick reply.
Yes, your pics are of great help as well.
I hope to do the smoke test no 1 tomorrow.
72, Dieter dl2bqd gqrp 7739
----- Original Message -----
From: Marc G0AZS
To: pfr3_group@yahoogroups.com
Sent: Tuesday, July 22, 2008 1:11 PM
Subject: Re: [pfr3_group] distance betwenn board and display

Hi Dieter

The phone and paddle sockets are not screwed (with a collar) from the outside of the case so no need to worry on that score if that's what you mean.

See here on mine:

http://www.flickr.com/photos/28485944@N00/2679462600/

They just "poke out" enough to be flush with the case.

73 Marc G0AZS

The switch S5 on/out marks the border of the board to be put against
the upper housing and I think one cannot screw the two screws on the
input of socket phone and key from outside the housing otherwise the
display will shift a bit outside its window...
HWT?

147. Kit received

Yahoo group: pfr3_group
Date: 2008-07-22 16:13:11 UTC
From: J.-P. Couture
Topic: 147 Message: 147

I got my kit! Yahoo!

Wonder if its the first shipped in Canada..

JP VA2SG

148. Re: [pfr3_group] Kit received

Yahoo group: pfr3_group
Date: 2008-07-22 16:33:37 UTC
From: Dieter Klaschka
Topic: 147 Message: 148

Well, JP, the community is growing.
Good luck constructing The Yellow Box!
72, Dieter DL2BQD
----- Original Message -----
From: J.-P. Couture
To: pfr3_group@yahoogroups.com
Sent: Tuesday, July 22, 2008 6:13 PM
Subject: [pfr3_group] Kit received

I got my kit! Yahoo!

Wonder if its the first shipped in Canada..

JP VA2SG

149. Bit the Bullet

Yahoo group: pfr3_group
Date: 2008-07-22 21:56:20 UTC
From: n3ham1
Topic: 149 Message: 149

Well finally had enough of the erratic keying (guess I have an early unit...no red dot) and sent the Mega48 back to KD1JV for re-programming. Otherwise,the rig has been working great portable with my 44'speaker wire antenna and finally managed to figure out the precise tuning of the BLT.
Feeling the need for a different antenna though, so I'm in the process of making WA3WSJ's Black Widow vertical. That should hold me over until I get the chip back. I miss running it already.

150. Its Arrived

Yahoo group: pfr3_group
Date: 2008-07-23 20:08:07 UTC
From: merlinrail
Topic: 150 Message: 150

Yahooooooooooooooooo its arrived here in Scotland. Phase one can now start as i have checked all the bits are there .
GM4VKI
Roy

151. Re: Kit received

Yahoo group: pfr3_group
Date: 2008-07-23 20:35:30 UTC
From: J.-P. Couture
Topic: 147 Message: 151

Inventory done. No parts missing and some extras.

I'll take all my time on this project.

72 de VA2SG/P

--- In pfr3_group@yahoogroups.com, "Dieter Klaschka"
<dieter.klaschka@...> wrote:
>
> Well, JP, the community is growing.
> Good luck constructing The Yellow Box!
> 72, Dieter DL2BQD
> ----- Original Message -----
> From: J.-P. Couture
> To: pfr3_group@yahoogroups.com
> Sent: Tuesday, July 22, 2008 6:13 PM
> Subject: [pfr3_group] Kit received
>
>
> I got my kit! Yahoo!
>
> Wonder if its the first shipped in Canada..
>
> JP VA2SG
>

152. Re: [pfr3_group] Its Arrived

Yahoo group: pfr3_group
Date: 2008-07-23 21:13:18 UTC
From: Marc G0AZS
Topic: 150 Message: 152
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

153. Paddle

Yahoo group: pfr3_group
Date: 2008-07-23 21:11:09 UTC
From: Steve
Topic: 153 Message: 153

I am considering the purchase of the pfr3. What are you
feeling/experiences with the external paddle? Should I buy it or not??
Is it worth 40 bucks? Thanks, Steve

154. Re: Its Arrived

Yahoo group: pfr3_group
Date: 2008-07-23 21:22:10 UTC
From: merlinrail
Topic: 150 Message: 154

--- In pfr3_group@yahoogroups.com, "Marc G0AZS" <marc.g0azs@...>
wrote:
>
> Go for it Roy...when you're done... I'll warm mine up on 40m for a
100%
> yellow QSO. :-)
>
> In the meantime listen out for me this weekend using my PFR-3 from
SM in the
> IOTA contest QRP section as SM7ZAU from EU-037.
>
> 73 Marc G0AZS
>
> 2008/7/23 merlinrail <rkavampsev@...>:
>
> > Yahooooooooooooooooo its arrived here in Scotland. Phase one
can now
> > start as i have checked all the bits are there .
> > GM4VKI
> > Roy
> >
> >
> >
>Hi Marc what freq and time will you beusing and i will give you a
shout with my 817.
cheers
roy
Gm4VKi

155. Paddle - Second Try!!

Yahoo group: pfr3_group
Date: 2008-07-23 21:24:01 UTC
From: Steve
Topic: 155 Message: 155

Let me get my fingers working right and state the questions correctly -

I am considering the purchase of the pfr3. What are your feelings/experiences with the external paddle? Should I buy it or not?? Is it worth 40 bucks? Thanks, Steve

156. Re: Paddle - Second Try!!

Yahoo group: pfr3_group
Date: 2008-07-23 21:29:13 UTC
From: merlinrail
Topic: 155 Message: 156

--- In pfr3_group@yahoogroups.com, Steve <hsmiller@...> wrote:
>
> Let me get my fingers working right and state the questions
correctly -
>
> I am considering the purchase of the pfr3. What are your
> feelings/experiences with the external paddle? Should I buy it or
> not?? Is it worth 40 bucks? Thanks, Steve

>Hi steve the answer is definately NO it is not worth $40, however what
alternative do you have . you can go with a straight key or in fact
just make your own or use an external one all hovering about this
figure . so the answer to your question is NO, however the answer is
really yours. But it finnishes the kit of.
cheers
Roy
gm4vki

157. Re: [pfr3_group] Re: Paddle - Second Try!!

Yahoo group: pfr3_group
Date: 2008-07-23 21:37:31 UTC
From: ki6ds@dospalos.org
Topic: 155 Message: 157

Guys, I realize that $40 seems high for the paddles. But, there are 4 parts in the kit that had to be machined and anodized. That is not cheap for short runs. All of the hardware is stainless. Plus, I have to pay a royalty to the designer, and I need to get paid for my labor. The paddles are very rugged, simple (means that they won't fly apart when you drop them), and they work. Plus, they are guaranteed for life, no matter what happens to them. Step on it, lose a part, I don't care, I will replace it. I have had several people who have bought and used the paddles tell me how much they like them. Only one complaint until today. You also have to remember what they were designed for: A simple reliable paddle that can be taken to the field. They are not Begali's or Mercuries, nor do they cost hundreds of dollars. The bottom line is that they are available, you the buyer, has to decide whether or not to buy them. 72, Doug

> --- In pfr3_group@yahoogroups.com, Steve <hsmiller@...> wrote:
>>
>> Let me get my fingers working right and state the questions
> correctly -
>>
>> I am considering the purchase of the pfr3. What are your
>> feelings/experiences with the external paddle? Should I buy it or
>> not?? Is it worth 40 bucks? Thanks, Steve
>
>
>>Hi steve the answer is definately NO it is not worth $40, however what
> alternative do you have . you can go with a straight key or in fact
> just make your own or use an external one all hovering about this
> figure . so the answer to your question is NO, however the answer is
> really yours. But it finnishes the kit of.
> cheers
> Roy
> gm4vki
>
>
>
>

158. Re: Paddle

Yahoo group: pfr3_group
Date: 2008-07-23 22:01:07 UTC
From: n3ham1
Topic: 153 Message: 158

Yup, I think so, it's one less thing to bring along, lose or mess up.
Jerry
--- In pfr3_group@yahoogroups.com, Steve <hsmiller@...> wrote:
>
> I am considering the purchase of the pfr3. What are you
> feeling/experiences with the external paddle? Should I buy it or not??
> Is it worth 40 bucks? Thanks, Steve
>

159. Re: [pfr3_group] Re: Paddle - Second Try!!

Yahoo group: pfr3_group
Date: 2008-07-23 22:01:24 UTC
From: Marc G0AZS
Topic: 155 Message: 159
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

160. Re: [pfr3_group] Re: Paddle

Yahoo group: pfr3_group
Date: 2008-07-23 22:24:12 UTC
From: Steve
Topic: 153 Message: 160

Thanks Jerry, You definitely right about being one less item to have to pack!! Thanks for the response. 73 Steve

n3ham1 wrote:
>
> Yup, I think so, it's one less thing to bring along, lose or mess up.
> Jerry
> --- In pfr3_group@yahoogroups.com
> <mailto:pfr3_group%40yahoogroups.com>, Steve <hsmiller@...> wrote:
> >
> > I am considering the purchase of the pfr3. What are you
> > feeling/experiences with the external paddle? Should I buy it or not??
> > Is it worth 40 bucks? Thanks, Steve
> >
>
>

161. Re: Paddle

Yahoo group: pfr3_group
Date: 2008-07-23 22:37:28 UTC
From: n3ham1
Topic: 153 Message: 161

Yeah Steve, one trip to the park I forgot the power cord, another trip I forgot the headphones, guess what? I never forgot the paddles, hi.
Jerry.
--- In pfr3_group@yahoogroups.com, Steve <hsmiller@...> wrote:
>
> Thanks Jerry, You definitely right about being one less item to have to
> pack!! Thanks for the response. 73 Steve
>
>
> n3ham1 wrote:
> >
> > Yup, I think so, it's one less thing to bring along, lose or mess up.
> > Jerry
> > --- In pfr3_group@yahoogroups.com
> > <mailto:pfr3_group%40yahoogroups.com>, Steve hsmiller@ wrote:
> > >
> > > I am considering the purchase of the pfr3. What are you
> > > feeling/experiences with the external paddle? Should I buy it or not??
> > > Is it worth 40 bucks? Thanks, Steve
> > >
> >
> >
>

162. Re: Tune Capacitor

Yahoo group: pfr3_group
Date: 2008-07-24 01:05:19 UTC
From: wb8yyy_curt
Topic: 140 Message: 162

It is a bit easy to jump to conclusions, sometimes the wrong one.

The LED indeed is bright - i had thought about adding a resistor but i have gotten used to it, and learned to avoid directly looking at it.

Is your PFR3 BLT original configuration or did you reduce the number of turns per the published mod given later by KD1JV? If you have the original configuation, i am less surprised that one of your caps seems to not do much - particularly on 20m. Do you get better results on 40m?

The BLT does take a bit more training than other tuners. Unless your cap is registering a DC short with an ohmmeter, it seems unlikely to me it is defective - and i can imagine you dont have a capacitance meter handy. At a minimum i would try it on different bands, and indeed see if you have reduced the turns per the mod. without the mod, i had difficulty (as did Steve) getting any match on 20m and it was nearly impossible on 30m. as modified it works well for me on all three bands.

73, curt

73, curt

--- In pfr3_group@yahoogroups.com, "k2qpn" <K2QPN@...> wrote:
>
> I have had my PFR3 on the air for about a month. Using a vertical I
> have worked 24 countries and working for QRP DXCC. Everything works
> well except for the BLT. The tune cap (C74 & C75) has no effect. The
> power out never changes. The load cap seems to work OK. I have metered
> everthing out and resoldered the connections. No help. Almost as if
> the cap is open. I also had to put a resistor across the SWR LED so it
> would dim.
>
> Any ideas??
>

163. Re: Bad AD9834 chip?

Yahoo group: pfr3_group
Date: 2008-07-24 01:15:16 UTC
From: wb8yyy_curt
Topic: 135 Message: 163

Grant

If I read all correctly, your receiver works but your transmitter does not ? If this is the case, your AD9834 should be working as it is both the receiver LO and the transmitter exciter. When its an LO, it quickly jumps to its lower frequency - as commanded by the controller.

You should be able to hear the AD9834 with a general coverage receiver. this should be sufficient to verify indeed it is operating at the RF on transmit and the LO frequency on receive.

Any number of small things (including possibly a bad solder joint) could contribute to your transmitter not working. No I would not replace this delicate chip just yet! Try to do some more debugging. If this DDS is working, next i would examine T/R controls and then solder joints in the transmitter path.

73 and OO, curt FP#44

--- In pfr3_group@yahoogroups.com, "querencias" <tuquerencia@...> wrote:
>
> After completion of the kit I found that everything is functional except the transmitter.
> After an initial posting and some feedback I concluded that the finals were destroyed.
> However, I borrowed a friend's oscilloscope and found that the output pin (#16, BIGN) of
> the AD9834 only had noise floating at 3.77 VDC, the noise is less than 20 mv, peak to
> peak. The output is pulled up by a 100 k ohm resistor connected to the +5 source. I
> checked the finals, 2N7000, in the circuit and they appear to be ok, and the 12 volt switch
> is wokring correctly, key down/up.
>
> After changing the value of the pull-up resistor to 1 megOhm (this will reduce the current
> to be pulled down) the behavior was the same - only noise, but the DC level dropped to
> 3.5-3.6. So I ordered a replacement from Analog Devices which only costs $9. Not a bad
> price for such a powerful device. Won't have the new chip for another week.
>

> The DDS chip output to the receiver labeled LO (local oscillator)
seems to be fine per the
> scope and the receiver noise can be peaked and I have heard the
output from a test
> transmitter.
>
> After checking all the voltages and digital outputs on the MPU
(with the red dot) I have to
> conclude that everything is in order and functional except the DDS
output to the
> transmitter.
>
> I was hoping that the problem lay elsewhere as I don't look forward
to removing and
> replacing this surface mount device.
>
> If anyone else in the group has experienced this I'd like to hear
about it.
>
> 72 Grant KT6L
>

164. Re: [pfr3_group] Re: Bad AD9834 chip?

Yahoo group: pfr3_group
Date: 2008-07-24 01:38:00 UTC
From: Michael Harnage
Topic: 135 Message: 164

Still could be the 9834 chip as the tx uses a different pin than the lo signal.

Good idea to not give up yet though. Did you check the tx pin (pin 16) on the 9834 while transmitting? Also, check from pin 27 of the MPU as it controls power to the finals during transmitting.

-mike/w1mt

--- On Thu, 7/24/08, wb8yyy_curt <wb8yyy@...> wrote:

> If I read all correctly, your receiver works but your
> transmitter
> does not ? If this is the case, your AD9834 should be
> working as it
> is both the receiver LO and the transmitter exciter.
>
>
> --- In pfr3_group@yahoogroups.com, "querencias"
> <tuquerencia@...>
> wrote:
> >
> > After completion of the kit I found that everything is
> functional
> except the transmitter.
> > After an initial posting and some feedback I concluded
> that the
> finals were destroyed.
> > However, I borrowed a friend's oscilloscope and
> found that the
> output pin (#16, BIGN) of
> > the AD9834 only had noise floating at 3.77 VDC, the
> noise is less
> than 20 mv, peak to
> > peak. The output is pulled up by a 100 k ohm resistor
> connected to
> the +5 source. I
> > checked the finals, 2N7000, in the circuit and they
> appear to be
> ok, and the 12 volt switch
> > is wokring correctly, key down/up.
> >
> > After changing the value of the pull-up resistor to 1
> megOhm (this
> will reduce the current
> > to be pulled down) the behavior was the same - only
> noise, but the

> DC level dropped to
> > 3.5-3.6. So I ordered a replacement from Analog
> Devices which only
> costs $9. Not a bad
> > price for such a powerful device. Won't have the
> new chip for
> another week.
> >
> > The DDS chip output to the receiver labeled LO (local
> oscillator)
> seems to be fine per the
> > scope and the receiver noise can be peaked and I have
> heard the
> output from a test
> > transmitter.
> >
> > After checking all the voltages and digital outputs on
> the MPU
> (with the red dot) I have to
> > conclude that everything is in order and functional
> except the DDS
> output to the
> > transmitter.
> >
> > I was hoping that the problem lay elsewhere as I
> don't look forward
> to removing and
> > replacing this surface mount device.
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> > If anyone else in the group has experienced this
> I'd like to hear
> about it.
> >
> > 72 Grant KT6L
> >
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
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>

165. smoke test group 1

Yahoo group: pfr3_group
Date: 2008-07-24 09:27:02 UTC
From: Dieter Klaschka
Topic: 165 Message: 165

Hi,
Just to let you know.
Smoke test 1 is done. All OK, the DDS can also be heard in a receiver.
72, Dieter.DL2BQD
;-)

166. errata v manuals

Yahoo group: pfr3_group
Date: 2008-07-24 09:44:00 UTC
From: Dieter Klaschka
Topic: 166 Message: 166

The Errata at Doug's HP
for the rrx section
is referred to in Vers Rev B:

-C48 and the misprint on the board - a hint in the text
-R6, R7 colour code correct in Rev A1 and Rev B
-4.7 cap or 5pF RevA: brown or green (errata says 'with a
black dot')
RevB: 4.7 or 5 pF brown

Perhaps it might help a newstarter to save a wee time and avoid
confusion.
72, Dieter.DL2BQD

167. Re: Paddle - Second Try!!

Yahoo group: pfr3_group
Date: 2008-07-24 18:34:28 UTC
From: merlinrail
Topic: 155 Message: 167

--- In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>
> Guys, I realize that $40 seems high for the paddles. But, there
are 4
> parts in the kit that had to be machined and anodized. That is not
cheap
> for short runs. All of the hardware is stainless. Plus, I have to
pay a
> royalty to the designer, and I need to get paid for my labor. The
paddles
> are very rugged, simple (means that they won't fly apart when you
drop
> them), and they work. Plus, they are guaranteed for life, no
matter what
> happens to them. Step on it, lose a part, I don't care, I will
replace
> it. I have had several people who have bought and used the paddles
tell
> me how much they like them. Only one complaint until today. You
also
> have to remember what they were designed for: A simple reliable
paddle
> that can be taken to the field. They are not Begali's or
Mercuries, nor
> do they cost hundreds of dollars. The bottom line is that they are
> available, you the buyer, has to decide whether or not to buy
them. 72,
> Doug
>
>
> > --- In pfr3_group@yahoogroups.com, Steve <hsmiller@> wrote:
> >>
> >> Let me get my fingers working right and state the questions
> > correctly -
> >>
> >> I am considering the purchase of the pfr3. What are your
> >> feelings/experiences with the external paddle? Should I buy
it or
> >> not?? Is it worth 40 bucks? Thanks, Steve
> > >
> > >
> > >>Hi steve the answer is definately NO it is not worth $40, however
what
> > alternative do you have . you can go with a straight key or in
fact

> > just make your own or use an external one all hovering about this
> > figure . so the answer to your question is NO, however the answer
is
> > really yours. But it finnishes the kit of.
> > cheers
> > Roy
> > gm4vki
> >
> >
> >
> >
>Hi Doug
Let me get something straight steve asked the question was the paddle
worth $40 as an entity. The answer is in my case i feel that it is
not worth $40 as i being mechanically minded and having machining
facilitys could knock one up for next to nowt. In fact any reasonable
amateur could produce a working copy using two bits from a hacksaw
blades and a centre boss made out of plastic to do the very same job
as the paddle you supply with the kit . That only answers the
question in my case . However as most amateurs dont have mechanical
tendencies or the facilities to machine or produce a copy then the
only options available are to use a comercial paddle or straight key
and therefore the paddle in their case at $40 is a sensible purchase
because it is ready machined and usable and also completes the kit .
The quality of the paddle is very good and i suspect it will last a
fair length of time, personal use of it will no doubt favour one
person more than another. I received my kit yesterday along with an
ordered paddle from yourselve which cost me $40 plus vat @17.5 %
which makes the paddle cost about $47 or about £35. Hmmmmmm if i
wasnt lazy i would have not purchased the paddle due to the cost
factor. Howevere i did and im happy with it so thats that .
cheers and 73's going to do phase 1 tonight .
Roy
GM4VKI

168. Re: Paddle - Second Try!!

Yahoo group: pfr3_group
Date: 2008-07-24 18:34:59 UTC
From: merlinrail
Topic: 155 Message: 168

--- In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>
> Guys, I realize that $40 seems high for the paddles. But, there
are 4
> parts in the kit that had to be machined and anodized. That is not
cheap
> for short runs. All of the hardware is stainless. Plus, I have to
pay a
> royalty to the designer, and I need to get paid for my labor. The
paddles
> are very rugged, simple (means that they won't fly apart when you
drop
> them), and they work. Plus, they are guaranteed for life, no
matter what
> happens to them. Step on it, lose a part, I don't care, I will
replace
> it. I have had several people who have bought and used the paddles
tell
> me how much they like them. Only one complaint until today. You
also
> have to remember what they were designed for: A simple reliable
paddle
> that can be taken to the field. They are not Begali's or
Mercuries, nor
> do they cost hundreds of dollars. The bottom line is that they are
> available, you the buyer, has to decide whether or not to buy
them. 72,
> Doug
>
>
> > --- In pfr3_group@yahoogroups.com, Steve <hsmiller@> wrote:
> >>
> >> Let me get my fingers working right and state the questions
> > correctly -
> >>
> >> I am considering the purchase of the pfr3. What are your
> >> feelings/experiences with the external paddle? Should I buy
it or
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> > >
> > >
> > >Hi steve the answer is definately NO it is not worth $40, however
what
> > alternative do you have . you can go with a straight key or in
fact

> > just make your own or use an external one all hovering about this
> > figure . so the answer to your question is NO, however the answer
is
> > really yours. But it finnishes the kit of.
> > cheers
> > Roy
> > gm4vki
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> >
> >
> >
>Hi Doug
Let me get something straight steve asked the question was the paddle
worth $40 as an entity. The answer is in my case i feel that it is
not worth $40 as i being mechanically minded and having machining
facilitys could knock one up for next to nowt. In fact any reasonable
amateur could produce a working copy using two bits from a hacksaw
blades and a centre boss made out of plastic to do the very same job
as the paddle you supply with the kit . That only answers the
question in my case . However as most amateurs dont have mechanical
tendencies or the facilities to machine or produce a copy then the
only options available are to use a comercial paddle or straight key
and therefore the paddle in their case at $40 is a sensible purchase
because it is ready machined and usable and also completes the kit .
The quality of the paddle is very good and i suspect it will last a
fair length of time, personal use of it will no doubt favour one
person more than another. I received my kit yesterday along with an
ordered paddle from yourselve which cost me $40 plus vat @17.5 %
which makes the paddle cost about $47 or about £35. Hmmmmmm if i
wasnt lazy i would have not purchased the paddle due to the cost
factor. Howevere i did and im happy with it so thats that .
cheers and 73's going to do phase 1 tonight .
Roy
GM4VKI

169. Re: Bad AD9834 chip?

Yahoo group: pfr3_group
Date: 2008-07-24 21:18:13 UTC
From: querencias
Topic: 135 Message: 169

Yes, Indeed. Thanks for the feedback, all of which is good. I've had a lot of experience debugging digital logic insitu...the LO output appears to be good, and I did hear a signal in the right place on another receiver but suspect I was listening to the LO and not the TX,
output, BIGN signal on pin 16 of the DDS.

Other diagnostic measure that I looked at were the DDS output using a 15 MHz scope and saw only very low amplitude noise (less than 1 millivolt) riding on +3.5 VDC both key up and down - no difference in behavior. I replaced the pull-up resistor with a 1-2 Mohm with the same result - removed the NOR gates with the same result - the MOSFET that switches the Vdd to the "finals" works coreectly - have to conclude that the TX DDS output is not functional, although the LO is good (apparenty).

Anyway, I received the DDS in the mail and am going to replace it - hoping that I don't smoke it with static buildup.

let you know the outcome.

72/73 de KT6L Grant

--- In pfr3_group@yahoogroups.com, Michael Harnage <w1mt@...> wrote:
>
> Still could be the 9834 chip as the tx uses a different pin than the lo signal.
>
> Good idea to not give up yet though. Did you check the tx pin (pin 16) on the 9834 while transmitting? Also, check from pin 27 of the MPU as it controls power to the finals during transmitting.
>
> -mike/w1mt
>
>
> --- On Thu, 7/24/08, wb8yyy_curt <wb8yyy@...> wrote:
>
>
> > If I read all correctly, your receiver works but your
> > transmitter
> > does not ? If this is the case, your AD9834 should be
> > working as it
> > is both the receiver LO and the transmitter exciter.
> >
> >
> > --- In pfr3_group@yahoogroups.com, "querencias"
> > <tuquerencia@>
> > wrote:
> > >
> > > After completion of the kit I found that everything is

> > functional
> > except the transmitter.
> > > After an initial posting and some feedback I concluded
> > that the
> > finals were destroyed.
> > > However, I borrowed a friend's oscilloscope and
> > found that the
> > output pin (#16, BIGN) of
> > > the AD9834 only had noise floating at 3.77 VDC, the
> > noise is less
> > than 20 mv, peak to
> > > peak. The output is pulled up by a 100 k ohm resistor
> > connected to
> > the +5 source. I
> > > checked the finals, 2N7000, in the circuit and they
> > appear to be
> > ok, and the 12 volt switch
> > > is wokring correctly, key down/up.
> > >
> > > After changing the value of the pull-up resistor to 1
> > megOhm (this
> > will reduce the current
> > > to be pulled down) the behavior was the same - only
> > noise, but the
> > DC level dropped to
> > > 3.5-3.6. So I ordered a replacement from Analog
> > Devices which only
> > costs $9. Not a bad
> > > price for such a powerful device. Won't have the
> > new chip for
> > another week.
> > >
> > > The DDS chip output to the receiver labeled LO (local
> > oscillator)
> > seems to be fine per the
> > > scope and the receiver noise can be peaked and I have
> > heard the
> > output from a test
> > > transmitter.
> > >
> > > After checking all the voltages and digital outputs on
> > the MPU
> > (with the red dot) I have to
> > > conclude that everything is in order and functional
> > except the DDS
> > output to the
> > > transmitter.
> > >
> > > I was hoping that the problem lay elsewhere as I
> > don't look forward

> > to removing and
> > > replacing this surface mount device.
> > >
> > > If anyone else in the group has experienced this
> > I'd like to hear
> > about it.
> > >
> > > 72 Grant KT6L
> > >
> >
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> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
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170. Ref. B A D A D 9 8 34

Yahoo group: pfr3_group
Date: 2008-07-24 21:37:27 UTC
From: querencias
Topic: 170 Message: 170

Thanks guys for the advice which was good and insightful. Took 12 minutes to remove the original AD9834 DDS but over 30 minutes to replace it.

I was really scared that I would smoke the new one, which only cost a little over $9 (plus $9 for 3 day shipping, after it reached port from China), so I constantly was grounding myself and all the tools, iron, etc. the best that I could. The operation took place in the backyard.

Now, all the tests are correect: I see +3.5 VDC key up on the inputs to the NOR gates, and watch the voltage drop to about 1.5 key down - a VERY good sign! I'm very happy about this.

However, soldering the new DDS is not easy - it was like soldering the wings of a fly - literally, I estimate that I had to make movements on the order 1/100ths - 1/1000ths of inches many, many times to get the chip lined up on the lands or vias, depending on your taste. Once lined up, I put a miniscule amount of solder on the smallest iron that I have, 15 watts with a pencil point. Only a 2-3 second touch was needed for each pin, after I got started by tacking down pins 9 & 20.

So, the moral of the story is: it can be done but all along I was worried that the board would be ruined by my clumsy manipulations. It does pay to exhaust all the possibilities that you can think of - solder bridges, cold solder joints, incorrect values for the components, but it sure does help to have an oscilloscope handy.

The best way to test the DDS, if you suspect it, is to look at the output on pin 16 U7 and check the value of the +5 VDC pullup. If the voltage is 3.5 key up and 1.5 key down then the DDS is working.

Best of luck to you PFR-3 Kit guys

72/73 de KT6L Grant

171. Re: Tune Capacitor

Yahoo group: pfr3_group
Date: 2008-07-25 03:07:19 UTC
From: k2qpn
Topic: 140 Message: 171

The tune cap makes no difference on any band. I have not modified the BLT yet. When I get a new cap I'm going to tear it apart - do the mod and sent chip for reprogramming.

Bob K2QPN

--- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@...> wrote:
>
> It is a bit easy to jump to conclusions, sometimes the wrong one.
>
> The LED indeed is bright - i had thought about adding a resistor but i
> have gotten used to it, and learned to avoid directly looking at it.
>
> Is your PFR3 BLT original configuration or did you reduce the number of
> turns per the published mod given later by KD1JV? If you have the
> original configuation, i am less surprised that one of your caps seems
> to not do much - particularly on 20m. Do you get better results on
> 40m?
>
> The BLT does take a bit more training than other tuners. Unless your
> cap is registering a DC short with an ohmmeter, it seems unlikely to me
> it is defective - and i can imagine you dont have a capacitance meter
> handy. At a minimum i would try it on different bands, and indeed see
> if you have reduced the turns per the mod. without the mod, i had
> difficulty (as did Steve) getting any match on 20m and it was nearly
> impossible on 30m. as modified it works well for me on all three
> bands.
>
> 73, curt
>
>
> 73, curt
>
>
> --- In pfr3_group@yahoogroups.com, "k2qpn" <K2QPN@> wrote:
> >
> > I have had my PFR3 on the air for about a month. Using a vertical I
> > have worked 24 countries and working for QRP DXCC. Everything works
> > well except for the BLT. The tune cap (C74 & C75) has no effect. The
> > power out never changes. The load cap seems to work OK. I have metered
> > everthing out and resoldered the connections. No help. Almost as if
> > the cap is open. I also had to put a resistor across the SWR LED so it
> > would dim.
> >
> > Any ideas??

> >
>

172. Winding toroids

Yahoo group: pfr3_group
Date: 2008-07-25 03:59:49 UTC
From: w8aef
Topic: 172 Message: 172

A tip for checking the number of turns on a toroid: Assemble the toroid, scan it at 600dpi (color), look at the .bmp image and enlarge the image until you can easily count the turns.

And use the mouse pointer to keep track of which turn you are on as you are counting.

Paul, W8AEF

173. Re: [pfr3_group] Re: Paddle - Second Try!!

Yahoo group: pfr3_group
Date: 2008-07-25 12:02:29 UTC
From: David Wilcox
Topic: 155 Message: 173

Fellow Hams, especially QRP loyalists,

Quit your b_____g about Doug's prices! I have every Elecraft toy but the K3 and many other kit products for the QRP crowd. Doug's prices are in line with the product and especially his plug in key.... it is half the price of the KX-1 key and I think it is an easier to use product. They are both fine products but when I first tried the PFR-3 key at Dayton I was impressed immediately with the ease of use. My KX-1 key is stiffer, is not consistent, (probably need to use it more to get used to it), and twice the price. The PFR-3 key is a steal at $40.00 and I have beat the dayights out of mine lately and it keeps on giving me service.

Doug, keep up the great job! You are not perfect, nor is your product, but the one person who was perfect.... well you know what they did to him 2000 years ago. I love my PFR-3, my K toys, my Sierra..... etc. When I get done with a busy day at the office I can forget my probems and play QRP radio, thanks to guys like you.

72 and as my friend Jefff K9JP would say "Good Health",

Dave K8WPE

174. Re: Tune Capacitor

Yahoo group: pfr3_group
Date: 2008-07-25 15:13:43 UTC
From: wb8yyy_curt
Topic: 140 Message: 174

Makes no difference -- i interpreted this to mean on the LED indicator. Even without the mod, the cap should at least peak the noise on 40 meters.

Yes given that it takes a few minutes to assemble and disassemble, you might as well replace the chip and mod the BLT torroid at the same time.

73, curt

--- In pfr3_group@yahoogroups.com, "k2qpn" <K2QPN@...> wrote:
>
> The tune cap makes no difference on any band. I have not modified the
> BLT yet. When I get a new cap I'm going to tear it apart - do the mod
> and sent chip for reprogramming.
>
> Bob K2QPN
>
> --- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@> wrote:
> >
> > It is a bit easy to jump to conclusions, sometimes the wrong one.
> >
> > The LED indeed is bright - i had thought about adding a resistor but i
> > have gotten used to it, and learned to avoid directly looking at it.
> >
> > Is your PFR3 BLT original configuration or did you reduce the number of
> > turns per the published mod given later by KD1JV? If you have the
> > original configuation, i am less surprised that one of your caps seems
> > to not do much - particularly on 20m. Do you get better results on
> > 40m?
> >
> > The BLT does take a bit more training than other tuners. Unless your
> > cap is registering a DC short with an ohmmeter, it seems unlikely to me
> > it is defective - and i can imagine you dont have a capacitance meter

> > handy. At a minimum i would try it on different bands, and
indeed see
> > if you have reduced the turns per the mod. without the mod, i
had
> > difficulty (as did Steve) getting any match on 20m and it was
nearly
> > impossible on 30m. as modified it works well for me on all three
> > bands.
> >
> > 73, curt
> >
> >
> > 73, curt
> >
> >
> > --- In pfr3_group@yahoogroups.com, "k2qpn" <K2QPN@> wrote:
> > >
> > > I have had my PFR3 on the air for about a month. Using a
vertical I
> > > have worked 24 countries and working for QRP DXCC. Everything
works
> > > well except for the BLT. The tune cap (C74 & C75) has no
effect. The
> > > power out never changes. The load cap seems to work OK. I have
metered
> > > everthing out and resoldered the connections. No help. Almost
as if
> > > the cap is open. I also had to put a resistor across the SWR
LED so it
> > > would dim.
> > >
> > > Any ideas??
> > >
> >
>

175. PFR-3 Paddle

Yahoo group: pfr3_group
Date: 2008-07-25 17:29:55 UTC
From: Jim
Topic: 175 Message: 175

Hello Group.

I wonder if any of you have used the PFR-3 Paddle on the KX-1.
If it plugs in via a sterio 1/8" jack, it seems to me that it
easily be modified to mount to the KX-1....anyone done it?
Hey! it's half price compared to the Elecraft paddle. JM

176. started rx section

Yahoo group: pfr3_group
Date: 2008-07-26 14:17:32 UTC
From: Dieter Klaschka
Topic: 176 Message: 176

Saturday, 16:00 local
Just to say hello,
I have just stopped soldering the rx section.
Outside 36?C, rather humid.
Will continue tomorrow with caps and other parts.

All Rs for this section are in here. When I soldered the little glass diodes I
used a croco clip to act as a 'cooler', so did I with the U5: clip on and a rubber band holds the device.

U5: One has to re-form the legs a tad bit here with a flat pair of pliers since it won't go below the level of the display, won't it? But I think the three little legs are not very keen on manipulating and rebending them.
Any hints on that matter?
There are still 5 of the same type in the box.

To bend the legs of the Rs it is useful to have a fine round pointed pair of pl. so one can bend the legs near the Rs' -body.
A fine flat tool can also be used to leave a fraction of a mm between bend & body.
My son printed Rev A for me with a color printer, I did Rev B with an old HP DeskJet 400 but only black&white.
It is absolutely advisable to have ?t in color for the checklist to mark where the parts have to go.

Just my five cents.
Have a good weekend,
72, Dieter DL2BQD

177. Fw: rx section soldering Cs

Yahoo group: pfr3_group
Date: 2008-07-27 12:30:17 UTC
From: Dieter Klaschka
Topic: 177 Message: 177

----- Original Message -----
From: "Dieter Klaschka" <dl2bqd@...>
To: "pfr list" <pfr3_group@yahoogroups.com>
Sent: Sunday, July 27, 2008 2:28 PM
Subject: rx section soldering Cs

> Hi,
> Hope it won't be too boring for you to read my comments but perhaps
> they might be of help for one who has just started - or he can make
> his own experience - simply delete.
>
> This afternoon I did a lot of group 2.
> Soldering the Cs shows no special problems.
> C22, C23 should go dwn to the board not to be higher than the
> display.
> The end of the housing of C31 is over R36 even if the legs are bent
> fairly near the body, so give it a wee more place when laying flat
> to get the R under it.
>
> The electrolyte Cs can again be held flat to board with a small
> rubber ring streched over the board, you need not spread the legs -
> makes soldering easy.
>
> Will wind the toroids tomorrow and solder all the other parts,
> crystals (here I will brush the edges of the crystals with a glass
> hair brush and use an extra tiny drop of rosin to make soldering
> quick) and Q1-4 Mosfets finally.
>
> It's fun, but temps are again near 40 ?C outside, bbbrrrr
>
> 72, Dieter.DL2BQD GQRP

178. Re: Kit received

Yahoo group: pfr3_group
Date: 2008-07-27 19:28:40 UTC
From: J.-P. Couture
Topic: 147 Message: 178

Hello QRPers

I was supposed to take my time, but I've been hitten by the yellow madness.

No kidding, I asked for some help for my elmer, and we're up to group 4 now. Rig should be complete tomorrow nite. We'll try it friday nite and saturday nite.

Let's hope everything goes well.

See photos in photos section.

72! JPCouture VA2SG/P

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...> wrote:
>
> Inventory done. No parts missing and some extras.
>
> I'll take all my time on this project.
>
> 72 de VA2SG/P
>
>
>
> --- In pfr3_group@yahoogroups.com, "Dieter Klaschka"
> <dieter.klaschka@> wrote:
> >
> > Well, JP, the community is growing.
> > Good luck constructing The Yellow Box!
> > 72, Dieter DL2BQD
> > ----- Original Message -----
> > From: J.-P. Couture
> > To: pfr3_group@yahoogroups.com
> > Sent: Tuesday, July 22, 2008 6:13 PM
> > Subject: [pfr3_group] Kit received
> >
> >
> > I got my kit! Yahoo!
> >
> > Wonder if its the first shipped in Canada..
> >
> > JP VA2SG
> >
>

179. Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-27 23:20:19 UTC
From: J.-P. Couture
Topic: 179 Message: 179

Okay, we're at the last steps.

There is 4 wires that we turn around core T3. One is 30 inches (lets call it nr 1) , one 2 inches (nr 2), one 18 inches (nr3) and the last 8 inches (nr 4).

Am I right if I understand I have to remove 4 turns to nr 1 (the 30 inches long one)?

Am I right if I understand I have to remove 2 turns to nr 3 (the 18 inches long one)?

And I know its two and one turn each side of center tap.

Thanks for a quick answer!

72 de JP Couture VA2SG/P FR3

180. Re: Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-28 01:36:29 UTC
From: wb8yyy_curt
Topic: 179 Message: 180

JP

it depends which instructions you are following. if you are using Rev A, then indeed less turns are desired. if you go to FILES within this yahoo group, then look for a message from the designer KD1JV on this topic. turns are removed from each of the three windings.

someone has posted the Rev B manual, with a note that claims that the BLT mod is included in the instructions, so if so no adjustments are necessary.

my own results, previously posted, is that the BLT as modified tunes much easier (actually it didnt at all on 20m before the mod).

see which version manual you are building with, and compare to Steve's suggestion. if you are still confused let us know.

73, curt

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...> wrote:
>
> Okay, we're at the last steps.
>
> There is 4 wires that we turn around core T3. One is 30 inches (lets
> call it nr 1) , one 2 inches (nr 2), one 18 inches (nr3) and the last 8
> inches (nr 4).
>
> Am I right if I understand I have to remove 4 turns to nr 1 (the 30
> inches long one)?
>
> Am I right if I understand I have to remove 2 turns to nr 3 (the 18
> inches long one)?
>
> And I know its two and one turn each side of center tap.
>
> Thanks for a quick answer!
>
> 72 de JP Couture VA2SG/P FR3
>

181. Re: Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-28 02:23:07 UTC
From: J.-P. Couture
Topic: 179 Message: 181

I got the RevB.1 but the mods dont look to be included as mentionned earlier in another post.

I'll simply remove 4 turns on longer wire, and 2 turns to the two other. Should be working.

JPCouture

--- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@...> wrote:
>
> JP
>
> it depends which instructions you are following. if you are using
> Rev A, then indeed less turns are desired. if you go to FILES within
> this yahoo group, then look for a message from the designer KD1JV on
> this topic. turns are removed from each of the three windings.
>
> someone has posted the Rev B manual, with a note that claims that the
> BLT mod is included in the instructions, so if so no adjustments are
> necessary.
>
> my own results, previously posted, is that the BLT as modified tunes
> much easier (actually it didnt at all on 20m before the mod).
>
> see which version manual you are building with, and compare to
> Steve's suggestion. if you are still confused let us know.
>
> 73, curt
>
>
> --- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@>
> wrote:
> >
> > Okay, we're at the last steps.
> >
> > There is 4 wires that we turn around core T3. One is 30 inches
> (lets
> > call it nr 1) , one 2 inches (nr 2), one 18 inches (nr3) and the
> last 8
> > inches (nr 4).
> >

> > Am I right if I understand I have to remove 4 turns to nr 1 (the
30
> > inches long one)?
> >
> > Am I right if I understand I have to remove 2 turns to nr 3 (the
18
> > inches long one)?
> >
> > And I know its two and one turn each side of center tap.
> >
> > Thanks for a quick answer!
> >
> > 72 de JP Couture VA2SG/P FR3
> >
>

182. Re: Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-28 02:25:49 UTC
From: J.-P. Couture
Topic: 179 Message: 182

Rev B and B.1 are the same nr of turns.

I'll do the mod.

72 de JP VA2SG

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...>
wrote:
>
> I got the RevB.1 but the mods dont look to be included as
mentionned
> earlier in another post.
>
> I'll simply remove 4 turns on longer wire, and 2 turns to the two
> other. Should be working.
>
> JPCouture
>
>
> --- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@> wrote:
> >
> > JP
> >
> > it depends which instructions you are following. if you are
using
> > Rev A, then indeed less turns are desired. if you go to FILES
> within
> > this yahoo group, then look for a message from the designer
KD1JV
> on
> > this topic. turns are removed from each of the three windings.
> >
> > someone has posted the Rev B manual, with a note that claims
that
> the
> > BLT mod is included in the instructions, so if so no adjustments
> are
> > necessary.
> >
> > my own results, previously posted, is that the BLT as modified
> tunes
> > much easier (actually it didnt at all on 20m before the mod).
> >
> > see which version manual you are building with, and compare to
> > Steve's suggestion. if you are still confused let us know.
> >

> > 73, curt
> >
> >
> > --- In pfr3_group@yahoogroups.com, "J.-P. Couture"
<jpcouture68@>
> > wrote:
> > >
> > > Okay, we're at the last steps.
> > >
> > > There is 4 wires that we turn around core T3. One is 30 inches
> > (lets
> > > call it nr 1) , one 2 inches (nr 2), one 18 inches (nr3) and
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> > last 8
> > > inches (nr 4).
> > >
> > > Am I right if I understand I have to remove 4 turns to nr 1
(the
> 30
> > > inches long one)?
> > >
> > > Am I right if I understand I have to remove 2 turns to nr 3
(the
> 18
> > > inches long one)?
> > >
> > > And I know its two and one turn each side of center tap.
> > >
> > > Thanks for a quick answer!
> > >
> > > 72 de JP Couture VA2SG/P FR3
> > >
> >
>

183. Re: Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-28 04:28:53 UTC
From: Jim Fraser
Topic: 179 Message: 183

Is the BLT mod relevant to just the PFR3 version of the tuner and not the standalone BLT unit? I was wondering if this is something I may need to consider for my standalone BLT.

Jim K6JF

--- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@...> wrote:
>
> JP
>
> it depends which instructions you are following. if you are using
> Rev A, then indeed less turns are desired. if you go to FILES within
> this yahoo group, then look for a message from the designer KD1JV on
> this topic. turns are removed from each of the three windings.
>
> someone has posted the Rev B manual, with a note that claims that the
> BLT mod is included in the instructions, so if so no adjustments are
> necessary.
>
> my own results, previously posted, is that the BLT as modified tunes
> much easier (actually it didnt at all on 20m before the mod).
>
> see which version manual you are building with, and compare to
> Steve's suggestion. if you are still confused let us know.
>
> 73, curt
>
>
> --- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@>
> wrote:
> >
> > Okay, we're at the last steps.
> >
> > There is 4 wires that we turn around core T3. One is 30 inches
> (lets
> > call it nr 1) , one 2 inches (nr 2), one 18 inches (nr3) and the
> last 8
> > inches (nr 4).
> >
> > Am I right if I understand I have to remove 4 turns to nr 1 (the

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> > inches long one)?
> >
> > Am I right if I understand I have to remove 2 turns to nr 3 (the
18
> > inches long one)?
> >
> > And I know its two and one turn each side of center tap.
> >
> > Thanks for a quick answer!
> >
> > 72 de JP Couture VA2SG/P FR3
> >
>

184. Re: [pfr3_group] Re: Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-28 11:23:31 UTC
From: Dieter Klaschka
Topic: 179 Message: 184

Dear Curt,
It's with interest that I read all the comments here.
At the moment I am still with group 2 though.
:-(

I would love to hear of some hams who are on the list and use the BLT of the PFR3 without any mods at all. Built only due to instruction of RevB let's say.
But - and it is a big but - which antenna are they using then?

If we could agree to report how the BLT is working on a (e.g.) NorCal Doublet with its common proper dimensions including the length of the feeder (that ant could be a good compromise for quick field operation and what the PFR is intended to be used for, couln't it?) then we all had kind of 'system' PFR/BLT + Ant' which one could refer to.
Or on the other hand one necessarily has to give some info on the ant used together with the BLT when mods are performed.
I am fairly convinced that my 2x20.5m dipole plus 20m feeder will make a difference to tuning a NorCal Doub.

I know that you also can lengthen or shorten a parallel feeder a certain length and so make your tuner work due to the changed impedance. Has someone tried this befor modifying the turns?
HWT?
72, Dieter dl2bqd

----- Original Message -----
From: wb8yyy_curt
To: pfr3_group@yahoogroups.com
Sent: Monday, July 28, 2008 3:36 AM
Subject: [pfr3_group] Re: Question on the BLT mod

JP

it depends which instructions you are following. if you are using
Rev A, then indeed less turns are desired. if you go to FILES within
this yahoo group, then look for a message from the designer KD1JV on
this topic. turns are removed from each of the three windings.

someone has posted the Rev B manual, with a note that claims that the
BLT mod is included in the instructions, so if so no adjustments are
necessary.

my own results, previously posted, is that the BLT as modified tunes
much easier (actually it didnt at all on 20m before the mod).

see which version manual you are building with, and compare to
Steve's suggestion. if you are still confused let us know.

73, curt

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...>
wrote:
>
> Okay, we're at the last steps.
>
> There is 4 wires that we turn around core T3. One is 30 inches
(lets
> call it nr 1) , one 2 inches (nr 2), one 18 inches (nr3) and the
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> inches (nr 4).
>
> Am I right if I understand I have to remove 4 turns to nr 1 (the 30
> inches long one)?
>
> Am I right if I understand I have to remove 2 turns to nr 3 (the 18
> inches long one)?
>
> And I know its two and one turn each side of center tap.
>
> Thanks for a quick answer!
>
> 72 de JP Couture VA2SG/P FR3
>

185. Re: Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-28 11:48:43 UTC
From: J.-P. Couture
Topic: 179 Message: 185

Hi Dieter

Reading Steve Weber update in the files section, I conclude the mod is for those who want to use a single antenna for all bands, being a 44 foot dipole, center fed with a balanced line.

That is my case and thats why I'll do the mod. If you want to use another antenna, dipole cut to desired freq, I believe you shouldnt do the modification.

Have to say, we're two doing the project here, thats why it went faster than expected.

Also, very important, in group 2, C22 and C23 are the GREEN caps, not brown one. We shouldnt read (103) on this line, its a bit confusing. We ourselves made the error and cannot remove the caps, but I think it wont be an issue.

Also, I had fun winding the toroids. Hope I'll have fun using them. Just the T3 is left to wind.

72 OM take your time.

JP Couture VA2SG

--- In pfr3_group@yahoogroups.com, "Dieter Klaschka" <dieter.klaschka@...> wrote:
>
> Dear Curt,
> It's with interest that I read all the comments here.
> At the moment I am still with group 2 though.
> :-(
>
> I would love to hear of some hams who are on the list and use the BLT of the PFR3 without any mods at all. Built only due to instruction of RevB let's say.
> But - and it is a big but - which antenna are they using then?
>
> If we could agree to report how the BLT is working on a (e.g.) NorCal Doublet with its common proper dimensions including the length of the feeder (that ant could be a good compromise for quick field operation and what the PFR is intended to be used for, couln't it?) then we all had kind of 'system' PFR/BLT + Ant' which one could refer to.
> Or on the other hand one necessarily has to give some info on the ant used together with the BLT when mods are performed.
> I am fairly convinced that my 2x20.5m dipole plus 20m feeder will

make a difference to tuning a NorCal Doub.
>
> I know that you also can lengthen or shorten a parallel feeder a
certain length and so make your tuner work due to the changed
impedance. Has someone tried this befor modifying the turns?
> HWT?
> 72, Dieter dl2bqd
>
> ----- Original Message -----
> From: wb8yyy_curt
> To: pfr3_group@yahoogroups.com
> Sent: Monday, July 28, 2008 3:36 AM
> Subject: [pfr3_group] Re: Question on the BLT mod
>
>
> JP
>
> it depends which instructions you are following. if you are
using
> Rev A, then indeed less turns are desired. if you go to FILES
within
> this yahoo group, then look for a message from the designer
KD1JV on
> this topic. turns are removed from each of the three windings.
>
> someone has posted the Rev B manual, with a note that claims
that the
> BLT mod is included in the instructions, so if so no adjustments
are
> necessary.
>
> my own results, previously posted, is that the BLT as modified
tunes
> much easier (actually it didnt at all on 20m before the mod).
>
> see which version manual you are building with, and compare to
> Steve's suggestion. if you are still confused let us know.
>
> 73, curt
>
> --- In pfr3_group@yahoogroups.com, "J.-P. Couture"
<jpcouture68@>
> wrote:
> >
> > Okay, we're at the last steps.
> >
> > There is 4 wires that we turn around core T3. One is 30 inches
> (lets
> > call it nr 1) , one 2 inches (nr 2), one 18 inches (nr3) and
the

> last 8
> > inches (nr 4).
> >
> > Am I right if I understand I have to remove 4 turns to nr 1
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> > inches long one)?
> >
> > Am I right if I understand I have to remove 2 turns to nr 3
(the 18
> > inches long one)?
> >
> > And I know its two and one turn each side of center tap.
> >
> > Thanks for a quick answer!
> >
> > 72 de JP Couture VA2SG/P FR3
> >
>

186. Re: [pfr3_group] Re: Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-28 11:55:20 UTC
From: Dieter Klaschka
Topic: 179 Message: 186

Dear JP,
(sry won't be impolite, what is JP standing for?) Thanks very much for your quick comment ; by the way I had a look at the three pics in your gallery a minute ago, hi.
Well, that's what I mean - one antenna, feeder, usable for all bands during FDay or /p.
If I'll cut a dipole being resonant I won't use a tuner urgently, will I?

There might be some cases of tests necessary when using a W3EDP or a long wire perhaps.
At the moment I am glad to get your answer : one non resonant 44 feet dipole shall be able to be tuned when the mods are done.
Perhaps there will be some hams who have already got some more practical experience as well on that matter...
Would be of great help before one starts cutting or rewinding
;-)

Have a nice day,
72, Dieter
www.swschwedt.de/kunden/dl2bqd
----- Original Message -----
From: J.-P. Couture
To: pfr3_group@yahoogroups.com
Sent: Monday, July 28, 2008 1:48 PM
Subject: [pfr3_group] Re: Question on the BLT mod

Hi Dieter

Reading Steve Weber update in the files section, I conclude the mod is for those who want to use a single antenna for all bands, being a 44 foot dipole, center fed with a balanced line.

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JP Couture VA2SG

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> From: wb8yyy_curt
> To: pfr3_group@yahoogroups.com
> Sent: Monday, July 28, 2008 3:36 AM
> Subject: [pfr3_group] Re: Question on the BLT mod
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187. Re: Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-28 12:12:16 UTC
From: wb8yyy_curt
Topic: 179 Message: 187

If you have already wound your BLT transformer using the original recipe, give it a try. In my case, with a wire antenna around 250 feet (around 80m) in length it would not tune on 20m, and not well on 30m. I also had difficulty tuning an almost matched vertical on 20m. This prompted Steve to try with a shorter antenna, and he got similar results. Both of us found that fewer turns is ideal, and you might agree when you try it with your antennas.

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> > > 72 de JP Couture VA2SG/P FR3
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>

188. green caps

Yahoo group: pfr3_group
Date: 2008-07-28 12:03:22 UTC
From: Dieter Klaschka
Topic: 188 Message: 188

Sry, It's me again.
JP, I think for C22, C23 there were only two of g r e e n caps in the bag. Anyway they show 103 on their bodies. They are 0.01uF as C5 and C12 are but the green ones have another inner structure (material?)
72, Dieter
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189. Re: [pfr3_group] Re: Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-28 12:15:00 UTC
From: Dieter Klaschka
Topic: 179 Message: 189

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Next experiment will be a delta loop with balun which will offer kind of directivity...
(I had used a Moxon Vertical between two poles in my garden for 20 m with a K1 during the AA test - which works really great!!!)
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190. Re: Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-28 23:23:26 UTC
From: J.-P. Couture
Topic: 179 Message: 190

Group 5 completed. Getting 4 to 5 W on the coax output S8.

Tomorrow, we'll try the BLT wih antenna outdoor. We finally chose to follow rev b.1 instructions and will correct if needed. T3 a bit tough to wind.

Dieter, I will give you my observations as well as the antenna used and feeder and the number of turns we did.

72

J.P. is for Jean-Pierre, my first name.

JP VA2SG

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> > > (lets
> > > > call it nr 1) , one 2 inches (nr 2), one 18 inches (nr3)
and
> > the
> > > last 8
> > > > inches (nr 4).

> > > >
> > > > Am I right if I understand I have to remove 4 turns to nr
1
> > (the 30
> > > > inches long one)?
> > > >
> > > > Am I right if I understand I have to remove 2 turns to nr
3
> > (the 18
> > > > inches long one)?
> > > >
> > > > And I know its two and one turn each side of center tap.
> > > >
> > > > Thanks for a quick answer!
> > > >
> > > > 72 de JP Couture VA2SG/P FR3
> > > >
> > >
> >
>

191. Solder pot overkill

Yahoo group: pfr3_group
Date: 2008-07-28 23:47:19 UTC
From: w2bpi
Topic: 191 Message: 191

Saw the mini solder pot on Hendricks website. Onlything I had around to make it out of was an old temp. controlled iron I no longer use. see photo at W2BPI in the photo section. Works great!!!!!! George/W2BPI

192. Delay in getting Mega48 chip re-programmed.

Yahoo group: pfr3_group
Date: 2008-07-29 01:30:45 UTC
From: n3ham1
Topic: 192 Message: 192

I just checked KD1JV's website and he said he was going to be away for three weeks starting July 14th hiking the AT. So if you are looking for a quick turnaround don't send it in until after his return. I wish I had seen that before I sent mine in about a week ago, now I'm stuck in limbo,sniff.

193. Re: [pfr3_group] Delay in getting Mega48 chip re-programmed.

Yahoo group: pfr3_group
Date: 2008-07-29 12:08:05 UTC
From: Joseph Feustle
Topic: 192 Message: 193

Me too!

N8JF

On Jul 28, 2008, at 9:30 PM, n3ham1 wrote:

> I just checked KD1JV's website and he said he was going to be away for
> three weeks starting July 14th hiking the AT. So if you are looking
> for
> a quick turnaround don't send it in until after his return. I wish I
> had seen that before I sent mine in about a week ago, now I'm stuck in
> limbo,sniff.
>
>
>

194. American Ham operation in Europe

Yahoo group: pfr3_group
Date: 2008-07-29 15:14:41 UTC
From: querencias
Topic: 194 Message: 194

Leaving for France/Spain next week and taking the PFR-3 with me. Any tips, hints, recommendations on best way to operate?

Also any recommendations on portable antennas? Appreciate anything you have to share

72 de KT6L Grant

195. Re: [pfr3_group] American Ham operation in Europe

Yahoo group: pfr3_group
Date: 2008-07-29 15:37:15 UTC
From: Dieter Klaschka
Topic: 194 Message: 195

Hi, Grant,
What a question you are asking - it will all depend on situation and location.
If you can consider these before there shouldn't be too
many problems.
Staying with friends? Fishing pole, Norcal Doublet
Hotel? T-antenna - perhaps your balcony will allow - with a simple wire tuner (BLT lw); longwire run from your window dwn into a tree - if management gives permission; all can be prepared easily at home
Rent a car? LW , sock filled with sand , thrown over the highest branch..
Pole 12 m, Norcal D or homemade ant from loudspeaker cable, sitting in the car, very comfortable or an up and outer single band ant = vertical with a lower angle allowing kind of DX , needs not too much space...but a pole anyway
(I made my first JA 2xqrp with an u&o in OK land)
I have some more little ideas here
www.swschwedt.de/kunden/dl2bqd

My friend DL7UWE uses a one band ant made with coax plus stub plus wire when he uses his rubber boat in the vicinity of Berlin...You will find the table with dimensions on the web site, too.
There are more than one posibilities.
Perhaps it helps.
72, Dieter

----- Original Message -----
From: querencias
To: pfr3_group@yahoogroups.com
Sent: Tuesday, July 29, 2008 5:14 PM
Subject: [pfr3_group] American Ham operation in Europe

Leaving for France/Spain next week and taking the PFR-3 with me. Any tips, hints, recommendations on best way to operate?

Also any recommendations on portable antennas? Appreciate anything you have to share

72 de KT6L Grant

196. Re: [pfr3_group] American Ham operation in Europe

Yahoo group: pfr3_group
Date: 2008-07-29 19:48:49 UTC
From: Bob Nelson
Topic: 194 Message: 196

I have operated from Europe several times. Since my primary focus is THE vacation, I take a small ham setup. The simpler the better since I may not have much time to operate. I find that battery operation is usually best - power may not be available. A simple long wire or dipole works for me. Last year, our hotel room in Switzerland was on the top floor with a balcony. Idea - Studio B. I stretched out my antenna and I was on the air. I usually had some time to operate to in the afternoon - after sightseeing and before the evening.

Don't forget your FCC license and the CEPT paperwork. Have fun.

73 (Best Regards),

Bob Nelson K2QPN
k2qpn@...
www.k2qpn.ham-radio-op.net (http://www.k2qpn.ham-radio-op.net)

Secretary - Burlington County Radio Club
Member - Frankford Radio Club

querencias wrote:

Leaving for France/Spain next week and taking the PFR-3 with me. Any tips, hints, recommendations on best way to operate?

Also any recommendations on portable antennas? Appreciate anything you have to share

72 de KT6L Grant

197. Re: Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-30 01:43:34 UTC
From: J.-P. Couture
Topic: 179 Message: 197

Hello! As mentionned, output of 5w on 30 and 40, 4.5w on 20. Getting some trouble tuning the antenna with the BLT but maybe feeder is too long. Will make it shorter tomorrow after work.

I made first QSO tonite on 40 with a station in Michigan. So, I am happy!

72 de J.P. Couture VA2SG

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...> wrote:
>
> Group 5 completed. Getting 4 to 5 W on the coax output S8.
>
> Tomorrow, we'll try the BLT wih antenna outdoor. We finally chose to
> follow rev b.1 instructions and will correct if needed. T3 a bit
> tough to wind.
>
> Dieter, I will give you my observations as well as the antenna used
> and feeder and the number of turns we did.
>
> 72
>
> J.P. is for Jean-Pierre, my first name.
>
> JP VA2SG
>
>
> --- In pfr3_group@yahoogroups.com, "Dieter Klaschka"
> <dieter.klaschka@> wrote:
> >
> > Dear Curt,
> > Thank you very much for your detailed answer.
> > That makes things a wee clearer.
> > Well, I will start with kind of doublet, let's say 6.50 or 7.50 m
> each branch (loudspeaker cable) with a feeder approximately some m
> longer than my 12 m /p pole.
> > Next experiment will be a delta loop with balun which will offer
> kind of directivity...
> > (I had used a Moxon Vertical between two poles in my garden for

> 20 m with a K1 during the AA test - which works really great!!!)
> > But have to do all smoke test of The Yellow Box before.
> > ;-)
> > 72, Dieter.dl2bqd
> > ----- Original Message -----
> > From: wb8yyy_curt
> > To: pfr3_group@yahoogroups.com
> > Sent: Monday, July 28, 2008 2:12 PM
> > Subject: [pfr3_group] Re: Question on the BLT mod
> >
> >
> > If you have already wound your BLT transformer using the
> original
> > recipe, give it a try. In my case, with a wire antenna around
> 250
> > feet (around 80m) in length it would not tune on 20m, and not
> well on
> > 30m. I also had difficulty tuning an almost matched vertical
on
> > 20m. This prompted Steve to try with a shorter antenna, and he
> got
> > similar results. Both of us found that fewer turns is ideal,
and
> you
> > might agree when you try it with your antennas.
> >
> > Meanwhile my PFR3 is working well. My use of it testifies that
> one
> > can enjoy using a rig without a RF tuning knob, though I
confess
> to
> > missing AGC a little bit. I did some initial filter
measurements
> on
> > spectrogram, that I will document and post when i have some
> > comparable measurements from other rigs. With so many of these
> nice
> > yellow boxes abroad, I look forward to QSO's with many of you.
> >
> > Enjoy your building and application of the rig.
> >
> > 73, curt
> >
> > --- In pfr3_group@yahoogroups.com, "J.-P. Couture"
> <jpcouture68@>
> > wrote:
> > >
> > > Hi Dieter
> > >
> > > Reading Steve Weber update in the files section, I conclude

> the mod
> > > is for those who want to use a single antenna for all bands,
> being
> > a
> > > 44 foot dipole, center fed with a balanced line.
> > >
> > > That is my case and thats why I'll do the mod. If you want
to
> use
> > > another antenna, dipole cut to desired freq, I believe you
> shouldnt
> > > do the modification.
> > >
> > > Have to say, we're two doing the project here, thats why it
> went
> > > faster than expected.
> > >
> > > Also, very important, in group 2, C22 and C23 are the GREEN
> caps,
> > > not brown one. We shouldnt read (103) on this line, its a
bit
> > > confusing. We ourselves made the error and cannot remove the
> caps,
> > > but I think it wont be an issue.
> > >
> > > Also, I had fun winding the toroids. Hope I'll have fun
using
> them.
> > > Just the T3 is left to wind.
> > >
> > > 72 OM take your time.
> > >
> > > JP Couture VA2SG
> > >
> > >
> > > --- In pfr3_group@yahoogroups.com, "Dieter Klaschka"
> > > <dieter.klaschka@> wrote:
> > > >
> > > > Dear Curt,
> > > > It's with interest that I read all the comments here.
> > > > At the moment I am still with group 2 though.
> > > > :-(
> > > >
> > > > I would love to hear of some hams who are on the list and
> use
> > the
> > > > BLT of the PFR3 without any mods at all. Built only due to
> > > > instruction of RevB let's say.
> > > > But - and it is a big but - which antenna are they using
> then?

> > > >
> > > > If we could agree to report how the BLT is working on a
> (e.g.)
> > > NorCal Doublet with its common proper dimensions including
the
> > > length of the feeder (that ant could be a good compromise
for
> > quick
> > > field operation and what the PFR is intended to be used for,
> > > couln't it?) then we all had kind of 'system' PFR/BLT + Ant'
> which
> > > one could refer to.
> > > > Or on the other hand one necessarily has to give some info
> on the
> > > ant used together with the BLT when mods are performed.
> > > > I am fairly convinced that my 2x20.5m dipole plus 20m
feeder
> will
> > > make a difference to tuning a NorCal Doub.
> > > > >
> > > > I know that you also can lengthen or shorten a parallel
> feeder a
> > > certain length and so make your tuner work due to the
changed
> > > impedance. Has someone tried this befor modifying the turns?
> > > > HWT?
> > > > 72, Dieter dl2bqd
> > > > >
> > > > ----- Original Message -----
> > > > From: wb8yyy_curt
> > > > To: pfr3_group@yahoogroups.com
> > > > Sent: Monday, July 28, 2008 3:36 AM
> > > > Subject: [pfr3_group] Re: Question on the BLT mod
> > > > >
> > > > >
> > > > JP
> > > > >
> > > > it depends which instructions you are following. if you
are
> > > using
> > > > Rev A, then indeed less turns are desired. if you go to
> FILES
> > > within
> > > > this yahoo group, then look for a message from the
designer
> > > KD1JV on
> > > > this topic. turns are removed from each of the three
> windings.
> > > > >
> > > > someone has posted the Rev B manual, with a note that

claims
> > > that the
> > > > BLT mod is included in the instructions, so if so no
> > adjustments
> > > are
> > > > necessary.
> > > >
> > > > my own results, previously posted, is that the BLT as
> modified
> > > tunes
> > > > much easier (actually it didnt at all on 20m before the
> mod).
> > > >
> > > > see which version manual you are building with, and
compare
> to
> > > > Steve's suggestion. if you are still confused let us know.
> > > >
> > > > 73, curt
> > > >
> > > > --- In pfr3_group@yahoogroups.com, "J.-P. Couture"
> > > <jpcouture68@>
> > > > wrote:
> > > > >
> > > > > Okay, we're at the last steps.
> > > > >
> > > > > There is 4 wires that we turn around core T3. One is 30
> > inches
> > > (lets
> > > > > call it nr 1) , one 2 inches (nr 2), one 18 inches (nr3)
> and
> > > the
> > > > last 8
> > > > > inches (nr 4).
> > > > >
> > > > > Am I right if I understand I have to remove 4 turns to
nr
> 1
> > > (the 30
> > > > > inches long one)?
> > > > >
> > > > > Am I right if I understand I have to remove 2 turns to
nr
> 3
> > > (the 18
> > > > > inches long one)?
> > > > >
> > > > > And I know its two and one turn each side of center tap.
> > > > >
> > > > > Thanks for a quick answer!

> > > > >
> > > > > 72 de JP Couture VA2SG/P FR3
> > > > >
> > > > >
> > > >
> >
>

198. just some ideas...

Yahoo group: pfr3_group
Date: 2008-07-30 10:21:50 UTC
From: Dieter
Topic: 198 Message: 198

Dear group members,
In the dl2bqd photo album I upoaded 'just some ideas' on how to build.
It's just to illustrate and visualize parts of the single steps when assembling the little yellow kit.

Perhaps other hams could follow this idea and present some new ideas under the same headline within the own picture gallery as some already have done.
The simple reason that I did it is that I am no technician at all and have got always to gain from the ideas of others more experienced. So it's kind of contribution to the group.
It will 'illustrate' the manual by the way. HWT?

I soldered T1 now and have added 4 stand-off screws to the board : it now looks like a little table and the core(s) due to come on the bottom can hang now without touching the workbench when soldering is done.

"Fun can be very yellow"
;-)
72, Dieter-bqd

199. When will I see the "litle yellow one"?

Yahoo group: pfr3_group
Date: 2008-07-30 12:06:52 UTC
From: sm7bua
Topic: 199 Message: 199

OMs, How many days will it take to receive the box withe the "litle yellow one"? I am looking as a child in my mail every day but until now, "nada"!

Is it possible to see somewhere on the Internet when they sent it from US?
Just a question from a HAM waiting to have fun.

MAts SM7BUA

200. L1

Yahoo group: pfr3_group
Date: 2008-07-30 14:38:25 UTC
From: Dieter Klaschka
Topic: 200 Message: 200

There is plenty of wire left when you take the whole length of 24";
it's simple to measure the length of one turn and then
calculate/multiply.
If you want to save a wee bit of wire...
72, Dieter dl2bqd

201. Re: When will I see the "litle yellow one"?

Yahoo group: pfr3_group
Date: 2008-07-30 16:40:43 UTC
From: wb8yyy_curt
Topic: 199 Message: 201

I had the same issue in wondering about its progress across one continent, with no ocean in between. I thought for the cost of shipping, a service with a tracking number would be appropriate - but at least for domestic shipping it wasn't available. I know that some QRP suppliers do email the buyer when the order is shipped (and for the higher $$ for this kit it would be welcome).

As perhaps orders are slowing down just a little, maybe an email to Doug will give you some info on when your yellow box left California. Meanwhile, at least you can get familiar with the assembly manual, and gather your tools.

I am looking forward to the first PFR3 international QSO party! Of course, we'll gladly QSO with other rigs as well.

Enjoy its upcoming arrival. Upon openingly, likely you will be impressed with high quality of materials and packaging.

73, curt

--- In pfr3_group@yahoogroups.com, "sm7bua" <sm7bua@...> wrote:
>
> OMs, How many days will it take to receive the box withe the "litle
> yellow one"? I am looking as a child in my mail every day but until
> now, "nada"!
>
> Is it possible to see somewhere on the Internet when they sent it from
> US?
> Just a question from a HAM waiting to have fun.
>
> MAts SM7BUA
>

202. Re: American Ham operation in Europe

Yahoo group: pfr3_group
Date: 2008-07-30 16:52:17 UTC
From: querencias
Topic: 194 Message: 202

Dieter & Bob,

Many thanks for the advice and thought. I found material related to operation in the CEPT countries via the internet - very interesting. I also found that France now will extend operating privileges O N L Y to Advanced & Extra class licensees --- guess they understand the importance of Morse
Code/CW to Amateur Radio. I've always thought it was an intrinsic and necessary element in the Ham operator mentality, and the Ham culture at large.

Dieter - you are a workhorse. You may be the most prolific contributor to the group. Having lived in Deutschland for 2 years in the US Army, almost 50 years ago, I have an understanding and appreciation for Teutonic problem solving and energy for life. What an amazing country!
I also had a good German friend with whom I worked on a NATO project many years ago - very very thorough and creative - in addition to his native tongue he spoke beautiful French, Spanish, and was conversant in Arabic (also read Latin). I like all of your hints and
techniques illustrated in your emails and photos -keep up the great work as it's very helpful.

And thank you Bob, for the advice.

This is a great group.

72/73 de KT6L Grant

--- In pfr3_group@yahoogroups.com, "querencias" <tuquerencia@...> wrote:
>
> Leaving for France/Spain next week and taking the PFR-3 with me. Any tips, hints,
> recommendations on best way to operate?
>
> Also any recommendations on portable antennas? Appreciate anything you have to
share
>
>
> 72 de KT6L Grant
>

203. Re: [pfr3_group] When will I see the "litle yellow one"?

Yahoo group: pfr3_group
Date: 2008-07-30 17:17:12 UTC
From: ki6ds@dospalos.org
Topic: 199 Message: 203

Matts, good news for you. Here is the tracking information:

Label/Receipt Number: CP67 9972 845U S
Detailed Results:

Out of Foreign Customs, July 30, 2008, 10:51 am
Into Foreign Customs, July 28, 2008, 2:08 pm
Arrived Abroad, July 28, 2008, 2:08 pm, SWEDEN
International Dispatch, July 25, 2008, 10:25 am, SAN FRANCISCO
Acceptance, July 24, 2008, 3:36 pm, DOS PALOS, CA 93620

You should see it very soon. 72, Doug

> OMs, How many days will it take to receive the box withe the "litle
> yellow one"? I am looking as a child in my mail every day but until
> now, "nada"!
>
> Is it possible to see somewhere on the Internet when they sent it from
> US?
> Just a question from a HAM waiting to have fun.
>
> MAts SM7BUA
>
>

204. Re:just some ideas...

Yahoo group: pfr3_group
Date: 2008-07-30 19:25:33 UTC
From: Don McBride - FIRN
Topic: 198 Message: 204

Dr Dieter,
Was really impressed with the ideas expressed so clearly with the photos you uploaded to the Yahoo PFR_3 Usergroup/ListServe.
I wish I would have seen them before building my "Yellow Wonder", but at least I will be ready for my next project -- whatever that will be.
For what it is worth, I particularly appreciated your clever parts inventory method. It is SO much better than how I have been pushing the component parts into old Styrofoam meat pans and hand-writing the part number and value with each item. Making a copy of the printed parts inventory and fastening to a sheet of Styrofoam is far more elegant and less error-prone.
Thank you for the excellent building suggestions.
... 72/73,
... Don WA3ZBJ
PS: Did the BLT mod and it does work better. Haven't sent in my chip for reprogramming yet as the rig seems to work so well -- and Steve is on vacation anyhow.
Now pondering the audio mod posted here earlier as the little Yellow Wonder doesn't seem to have a great deal of audio compared to my other QRP kits.

205. SV: [pfr3_group] When will I see the "litle yellow one"?

Yahoo group: pfr3_group
Date: 2008-07-30 20:04:35 UTC
From: Mats Gunnarsson
Topic: 199 Message: 205

GREAT!

Thank you so much for that good news Dough!!

I am really looking forward to start the building project.

I will go for an expedition to Ecuador in November with the Swedish Contest team SK6M and for sure bring the PFR-3 with me .

I have been holding the callsigns HC1SK and HC7SK between 1980-1995. Would be nice to have some cw QSO from HC and high up in the Mountain of the Andes.

Look for more info on web page www.sk6m.com <http://www.sk6m.com/>

73 de Mats SM7BUA

-----Ursprungligt meddelande-----
Från: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] För ki6ds@...
Skickat: den 30 juli 2008 19:17
Till: pfr3_group@yahoogroups.com
Ämne: Re: [pfr3_group] When will I see the "litle yellow one"?

Matts, good news for you. Here is the tracking information:

Label/Receipt Number: CP67 9972 845U S
Detailed Results:

Out of Foreign Customs, July 30, 2008, 10:51 am
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Acceptance, July 24, 2008, 3:36 pm, DOS PALOS, CA 93620

You should see it very soon. 72, Doug

> OMs, How many days will it take to receive the box withe the "litle
> yellow one"? I am looking as a child in my mail every day but until
> now, "nada"!
>
> Is it possible to see somewhere on the Internet when they sent it from
> US?
> Just a question from a HAM waiting to have fun.
>
> MAts SM7BUA
>
>

206. Re: Question on the BLT mod

Yahoo group: pfr3_group
Date: 2008-07-31 01:07:59 UTC
From: J.-P. Couture
Topic: 179 Message: 206

Hi there,

I found late evening we made a mistake in the tune cap stettings (the meshed mention in manual) and I made corrections. Now I can completely dim the led on a 20m dipole, strung quickly between trees, and got a 599 in Georgia.

Tomorrow, will try 40m dipole and maybe try again the 44 feet dipole.

Boy! Think you'll love the yellow!

72!

207. Fw: just some ideas

Yahoo group: pfr3_group
Date: 2008-07-31 10:14:45 UTC
From: Dieter Klaschka
Topic: 207 Message: 207

```
----- Original Message -----
From: "Dieter Klaschka" <dl2bqd@...>
To: <pfr3_group@yahoogroups.com>
Sent: Thursday, July 31, 2008 8:42 AM
Subject: just some ideas

> Dear Grant and Don,
> Thanks for your friendly reply. I hope to be able to finish group 2
> this afternoon.
> It's terribly hot here , we have got a very good tomato crop and a
> lot of beans in our near allotment, have to water every day and
> fight against mice and slugs. It's a fierce battle which prevents
> from soldering,
> perhaps we have to enlist a professional rat killer...(tongue in
> cheek)
>
> Another little hint for the workbench:
> card box egg boxes from the supermarket make a very good temporary
> stores for hardware - the knobs, washers, BNC, plug, switches etc
> can go there and offer a pretty nice 'yellow' order.
> 72, Dieter
```

208. SV: [pfr3_group] When will I see the "litle yellow one"?

Yahoo group: pfr3_group
Date: 2008-07-31 11:47:18 UTC
From: Mats Gunnarsson
Topic: 199 Message: 208

VERY GOOD NEWS!

The box is Here. Today, after 6 days on it´s way the YO (yellow one) arrived to my town in south Sweden.

Thank You so much!

Now the work starts, and I hope to be able to finish in some weeks. I will take it slowly , read carefully and step by step put it together.

I have noticed all info about the work, tnx !

Mats SM7BUA

-----Ursprungligt meddelande-----
Från: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] För ki6ds@...
Skickat: den 30 juli 2008 19:17
Till: pfr3_group@yahoogroups.com
Ämne: Re: [pfr3_group] When will I see the "litle yellow one"?

Matts, good news for you. Here is the tracking information:

Label/Receipt Number: CP67 9972 845U S
Detailed Results:

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You should see it very soon. 72, Doug

> OMs, How many days will it take to receive the box withe the "litle
> yellow one"? I am looking as a child in my mail every day but until
> now, "nada"!
>
> Is it possible to see somewhere on the Internet when they sent it from
> US?
> Just a question from a HAM waiting to have fun.
>
> MAts SM7BUA
>
>

209. group 2 finished

Yahoo group: pfr3_group
Date: 2008-07-31 12:43:55 UTC
From: Dieter
Topic: 209 Message: 209

Hi,
Have finished this group and can hear the side tone, the cfm beep at
S1 keyer.
Attached one branch of my 20. feeder... but no sig on 40 yet (
12:30 utc)
Why not? Because I forgot to open Resistor var V1
:-(Stupid old man!

Q:
C16 manual : GIVE it 1/4 turn from it's factory setting. WHAT
direction to, to the max or min? Anyway , won't be much of a problem.

The elecrafters had a saying when one on their list got his K
operational:
"I got my Mojo working", "Mojo is in" (Muddy Waters)

"I got my yellow shining!"
Happy now.

Will do the other alignments later.
72 Dieter.dl2bqd

PS What forces a pensioner on a warm Friday afternoon to switch on
kind of a radio and hear some dits and dahs and then remarking to be
happy?
;-)

210. on wires

Yahoo group: pfr3_group
Date: 2008-07-31 13:10:00 UTC
From: Dieter
Topic: 210 Message: 210

Dear group members,
Obviously there are various methods to take off the enamel of an magnet wire.
One can use the solder-melting-pot, or burn the coating, or put a large drop of solder to the iron and move/scratch the wire in it...
It will be tinned .
Photo album: I use this 'teaser' and carefully and gently pressing I remove the cover.
It requires a bit of feeling for the wire and a wee exercise .
The tool was designed originally to take off plastic covers. It has very fine hardened steel teeth in its 'mouth'.
It's a gem!

Never use a sharp knife, cutter...
72, Dieter dl2bqd

211. Re: SV: [pfr3_group] When will I see the "litle yellow one"?

Yahoo group: pfr3_group
Date: 2008-07-31 13:36:24 UTC
From: w2bpi1@aol.com
Topic: 199 Message: 211

I think you will be surprised how quickly and easy this kit goes together.
Also no complicated alignment needed. 73 George

VERY GOOD NEWS!
The box is Here. Today, after 6 days on it´s way the YO (yellow one) arrived
to my town in south Sweden.
Thank You so much!
Now the work starts, and I hope to be able to finish in some weeks. I will
take it slowly , read carefully and step by step put it together.
I have noticed all info about the work, tnx !
Mats SM7BUA
-----Ursprungligt meddelande-----
Från: pfr3_group@yahoogro pfr3_group@yahoo pfr3_group@ pfr3_gFör
ki6ds@...6
Skickat: den 30 juli 2008 19:17
Till: pfr3_group@yahoogro pf
Ämne: Re: [pfr3_group] When will I see the "litle yellow one"?

Matts, good news for you. Here is the tracking information:

Label/Receipt Number: CP67 9972 845U S
Detailed Results:

Out of Foreign Customs, July 30, 2008, 10:51 am
Into Foreign Customs, July 28, 2008, 2:08 pm
Arrived Abroad, July 28, 2008, 2:08 pm, SWEDEN
International Dispatch, July 25, 2008, 10:25 am, SAN FRANCISCO
Acceptance, July 24, 2008, 3:36 pm, DOS PALOS, CA 93620

You should see it very soon. 72, Doug

> OMs, How many days will it take to receive the box withe the "litle
> yellow one"? I am looking as a child in my mail every day but until
> now, "nada"!
>
> Is it possible to see somewhere on the Internet when they sent it from
> US?
> Just a question from a HAM waiting to have fun.
>
> MAts SM7BUA
>
>

**********Get fantasy football with free live scoring. Sign up for
FanHouse Fantasy Football today.
(http://www.fanhouse.com/fantasyaffair?ncid=aolspr00050000000020)

212. group 2 finished addendum

Yahoo group: pfr3_group
Date: 2008-07-31 14:37:19 UTC
From: Dieter
Topic: 212 Message: 212

My personal impressions so far after two groups.
Sorry , when I should carry coal to Newcastle - simply delete!
- a good preparation guarantees good work
- I use a fine solder tip, could be even finer, near to sharp pencil point tip, temps at ca 375 °C, o,4mm solder
- soldering is straight forward this way
- when do you kill a Mosfet? Try to avoid killing it by touching the ground plate of your bench often enough, don't move across your nylon carpet. Precautions are easier than fault finding
- mind that the Mosfets have to go down beyond the upper part of the display, so one has to readjust the pre-formed legs to get the part into the board: I always had a croco clip on its body to get the heat off in addition to a quick soldering action
- check each soldered part immediately after having soldered it, tick it on the schematics as done
- I worked only during day light
- read twice , check twice
- mind the hint in the manual before starting to solder to check whether e a c h leg of a
socket really goes into its hole and that U4 .386 "faces south"!

And, Mats, when you are going to start assembling, do not cut the "signal in" leg of R1 - I did - here the "ant in" will go for the smoke test group 2(in this paragraph you'll get the info that this leg is used. Using R1's own leg is much easier than to solder a new connection.
A hint before in the manual could be helpful)

Well, have a good start into a good weekend.
Yellow is fine, isn't it?!
;-)
72, Dieter dl2bqd

213. useful link to pics pfr3

Yahoo group: pfr3_group
Date: 2008-07-31 18:02:28 UTC
From: Dieter
Topic: 213 Message: 213

Hello,
Perhaps this one might give a good impression on the PFR3 Yellow Box
as well
http://fsaarc.org/phpwebgallery/index.php?/category/23

72, Dieter

214. PFR-3 to PFR-3

Yahoo group: pfr3_group
Date: 2008-07-31 21:18:11 UTC
From: w2bpi
Topic: 214 Message: 214

Well I finally had a QSO with another op using the yellow box. It was VA2SG on 14.060. George/W2BPI

215. Re: PFR-3 to PFR-3

Yahoo group: pfr3_group
Date: 2008-07-31 21:22:33 UTC
From: J.-P. Couture
Topic: 214 Message: 215

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
> Well I finally had a QSO with another op using the yellow box. It
was
> VA2SG on 14.060. George/W2BPI
>
Yeah, wasnt sure but felt this call was familiar. Now I know why hi!

Tnx QSO George. FB QRP sigs here. For our QSO, I tried the 44 feet but
the SWR on 20 looks bad. Can't tune it on 30 es 40 but for now, I'll
stick with 20 es 40 dipole.

Spread the yellow news. This rig is awesome.

216. Now started my building

Yahoo group: pfr3_group
Date: 2008-08-01 05:59:50 UTC
From: sm7bua
Topic: 216 Message: 216

Last evening I checked all the nice parts for the PFR-3 and started to
put it together.
No problem so far, and I hope it will go fine all the way.
It would be surper to get a QSO with the States using the Yellow One. I
will be able to use good DX antennas at the contestsite of SK6M.
You con see them at www.sk6m.com
73 and have a nice weekend
Mats

217. First smoketest ok

Yahoo group: pfr3_group
Date: 2008-08-01 09:52:55 UTC
From: sm7bua
Topic: 217 Message: 217

At 11.30 swedish time I put power for the first smoketest of the YO.
YEEEES everything ok!
So, here we go for the second step.
Herea nice day 29C in the shaddow in Ljungby. Nice to be inside,
building on the PFR-3

Mats

218. Re: [pfr3_group] First smoketest ok

Yahoo group: pfr3_group
Date: 2008-08-01 09:59:25 UTC
From: Dieter Klaschka
Topic: 217 Message: 218

Hi, Mats, when you go on building pse do not cut one leg of R1; I mentioned it in a previous mail here.
72. DL2BQD
----- Original Message -----
From: sm7bua
To: pfr3_group@yahoogroups.com
Sent: Friday, August 01, 2008 11:52 AM
Subject: [pfr3_group] First smoketest ok

At 11.30 swedish time I put power for the first smoketest of the YO.
YEEEES everything ok!
So, here we go for the second step.
Herea nice day 29C in the shaddow in Ljungby. Nice to be inside,
building on the PFR-3

Mats

219. group two smoke test, fault finding pse help

Yahoo group: pfr3_group
Date: 2008-08-01 16:17:50 UTC
From: Dieter
Topic: 219 Message: 219

Dear group members,
Came back a minute ago from a friend's workshop.
We had made all the tests:

1/4 turn of BFO cap arrow points to the crystal (up) or the diodes
(dwn)

Frequency calibration done with a counter; the basic "clock"
deviation
is only 44 Hz

the sensitivity signal in is 0,5 uV - very good.
the variable pot offers enough audio

BUT:
After all alignments there is still an extra tone of perhaps 600 Hz.
One always hears it "in the background" .

It changes audio strength together with each click of the tune
up/down switches.
It disappears when the display leds switch automatically to sleep
mode. Now the band rx is excellent.

At the first glance there is a connection between processor and
display working together and producing something multiplex

Please, you see an old man crying for help.
Any hint would be kindly appreciated.
72, Dieter dl2bqd

220. Re: group two smoke test, fault finding pse help

Yahoo group: pfr3_group
Date: 2008-08-01 16:35:05 UTC
From: wb8yyy_curt
Topic: 219 Message: 220

Dieter

FB on progress! I see majority of postings coming from your
continent, but perhaps maybe we in NA got an earlier start.

A ha! Sounds like you know the cause of problem. Perhaps a
capacitor is either missing or not well soldered ? I would first
examine the board for missing parts, and then reflow some solder
joints on 'key capacitors' that can be identified on the controller,
display, and receiver power supply. Steve can likely supply a more
expert answer, except he is on the Appalachian trail last I knew,
with no email and no HF rig this time, per his last email.

73, curt

--- In pfr3_group@yahoogroups.com, "Dieter" <dieter.klaschka@...>
wrote:
>
> Dear group members,
> Came back a minute ago from a friend's workshop.
> We had made all the tests:
>
> 1/4 turn of BFO cap arrow points to the crystal (up) or the diodes
> (dwn)
>
> Frequency calibration done with a counter; the basic "clock"
> deviation
> is only 44 Hz
>
> the sensitivity signal in is 0,5 uV - very good.
> the variable pot offers enough audio
>
> BUT:
> After all alignments there is still an extra tone of perhaps 600 Hz.
> One always hears it "in the background" .
>
> It changes audio strength together with each click of the tune
> up/down switches.
> It disappears when the display leds switch automatically to sleep
> mode. Now the band rx is excellent.
>
> At the first glance there is a connection between processor and
> display working together and producing something multiplex
>
> Please, you see an old man crying for help.
> Any hint would be kindly appreciated.

> 72, Dieter dl2bqd
>

221. Re: [pfr3_group] Re: group two smoke test, fault finding pse help

Yahoo group: pfr3_group
Date: 2008-08-01 17:33:08 UTC
From: w2bpi1@aol.com
Topic: 219 Message: 221

Sounds like your in the BFO calibration mode. You would hear one or two tones in this mode. When set correctly you will only hear one tone. Read BFO alignment info carefully. Once pot is set right you must save it. Once adjusted you save it by clicking the menu button.See page 9 in the latest manual.
73 george/W2BPI

In a message dated 8/1/2008 12:36:45 Eastern Daylight Time, wb8yyy@... writes:

Dieter

FB on progress! I see majority of postings coming from your continent, but perhaps maybe we in NA got an earlier start.

A ha! Sounds like you know the cause of problem. Perhaps a capacitor is either missing or not well soldered ? I would first examine the board for missing parts, and then reflow some solder joints on 'key capacitors' that can be identified on the controller, display, and receiver power supply. Steve can likely supply a more expert answer, except he is on the Appalachian trail last I knew, with no email and no HF rig this time, per his last email.

73, curt

--- In _pfr3_group@yahoogropfr3_gr_ (mailto:pfr3_group@yahoogroups.com) , "Dieter" <dieter.klaschka@die>
wrote:
>
> Dear group members,
> Came back a minute ago from a friend's workshop.
> We had made all the tests:
>
> 1/4 turn of BFO cap arrow points to the crystal (up) or the diodes
> (dwn)
>
> Frequency calibration done with a counter; the basic "clock"
> deviation
> is only 44 Hz
>
> the sensitivity signal in is 0,5 uV - very good.
> the variable pot offers enough audio
>
> BUT:
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> It changes audio strength together with each click of the tune
> up/down switches.
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> mode. Now the band rx is excellent.
>
> At the first glance there is a connection between processor and
> display working together and producing something multiplex
>
> Please, you see an old man crying for help.
> Any hint would be kindly appreciated.
> 72, Dieter dl2bqd
>

**********Looking for a car that's sporty, fun and fits in your budget?
Read reviews on AOL Autos.
(http://autos.aol.com/cars-BMW-128-2008/expert-review?ncid=aolaut00050000000017)

222. Re: group two smoke test, fault finding pse help

Yahoo group: pfr3_group
Date: 2008-08-01 20:58:41 UTC
From: thomas.risse
Topic: 219 Message: 222

Hi Dieter,

It seems to me as if I had the same problem. I made all the tests
with a 9 Volt battery. But the voltage was below 8.5 Volts. The
'sound' disappeared after using a really good source ...

72 Thomas, DF7XF

223. Re: [pfr3_group] Re: group two smoke test, fault finding pse help

Yahoo group: pfr3_group
Date: 2008-08-02 07:38:21 UTC
From: Dieter Klaschka
Topic: 219 Message: 223

What a surprise!
Hi, Tom, good morning.
And you dare writing giving me the feeling as if beeing DL alone on the pfr server! I kill you.
;-)
Thanks a lot for your comments.
As you can imagine
it was a wee disappointing having done all the alignment - Dietmar, DL2BZE, helped me with his measuring gadgets -and then such an ugly beast of a tone stayed with the rest... Brrrr
I can write och a bissel in Deutsch, jedenfalls freue ich mich über your Antwort.
Ich bin kein Techniker, baue nur genau nach und versuche dabei, Fehler zu vermeiden... und dann passiert so ein Sch...
Jeder Hinweis ist also hier immer sehr willkommen.
Drei OM schrieben mir, dass sie den gleichen Fehler hatten, einer vermutete, wir hätten beim Abgleich etwas falsch gemach, einer sagte, dass der Ton weg war, als alles im Gehäuse war (hoppla, da kann er dann aber auch eine ander V-versorgung drangehabt haben..)
Ich habe wenigstens einige Hinweise.
I will use a propper pwr supply Labornetzteil this afternoon.
Mach's erstmal gut, schönen Sonntag,
Dieter

----- Original Message -----
From: thomas.risse
To: pfr3_group@yahoogroups.com
Sent: Friday, August 01, 2008 10:58 PM
Subject: [pfr3_group] Re: group two smoke test, fault finding pse help

Hi Dieter,

It seems to me as if I had the same problem. I made all the tests
with a 9 Volt battery. But the voltage was below 8.5 Volts. The
'sound' disappeared after using a really good source ...

72 Thomas, DF7XF

224. Re: group two smoke test, fault finding pse help

Yahoo group: pfr3_group
Date: 2008-08-02 08:12:47 UTC
From: Dieter
Topic: 219 Message: 224

Gentelemen,
Thanks so much for the first hints on fault finding.
Some friends seemed to have experience the very same fault.

I do not think that we have done the alignment of 'the two tones'
incorrectly.

Will have to check
- solder joints and correct parts first
- try another voltage supply than the 9 V battery !!!!!!!
(will do the last first)

Thanks again,
I start shouting immediately again when there won't be a satisfying
result ;-)
72, Dieter dl2bqd

225. Just a story

Yahoo group: pfr3_group
Date: 2008-08-02 09:46:50 UTC
From: Dieter
Topic: 225 Message: 225

While waiting for the batteries to be charged I will tell a story:

ONCE upon a time a little one was born.

He looked round and found only company dressed in glittering
hammer lacquered black, sad polished grey, army green with some
light sandy brown patches nothing he liked at all.

He asked his masters to go away and look for a proper suit.

So they went to the very north where they got the shining white of
the ice mountains and the bright light of the northern stars, they
had a long trip to the far east, passing the amber coast of the
Baltic Sea where they filled their bags with that golden yellow
color of those precious stones of Neptune and arrived just in time
to see the red sun rising on the eastern horizon. What a scenery!
Never ever they had seen such a red golden sun with a yellow brim.
The brightest yellow they had ever seen.
They went to the Antarctic and enjoyed the bluish waters with the
silver glittering of the waves before they came to the wide fields
of Californian Poppy with all the colors they could imagine which
could suit the little one. So many colors.
The asked the Bumble Bees there and the Flying Pigs which inhabited
this paradise of colors and ruled the wide fields of golden
yellow sunflowers and corn and finally they asked the
Rainbow whether she could offer a wee bit of her collection.
"Yes, of course", she said □real rainbows are female, you must know-
, "take what you want" .
So the bag was filled with the most precious collection of bright
colors you have ever seen.
When they arrived home after the long journey all the wonderful
single colors had melted into a charming, bright yellow which
brought the broadest smile onto the face of Little PFR.
And Dough and Steve and the whole community of friendly people under
a peaceful sky were happy.
And they lived happy all their days.
DL2BQD

226. Second smoketest ok

Yahoo group: pfr3_group
Date: 2008-08-02 10:39:02 UTC
From: sm7bua
Topic: 226 Message: 226

This Saturdaymornng I finished my 2:nd part of the kit, and all seems ok.
Just now listening on 7032 on DJ3AX/P.
BUT it seems to me that the sensitivity is not so high?
I have checkd the T1 and it is ok.
Compered to my ordinary rig IC 781 the PFR-3 is different of course, but how is your experience of the senisivity?
I have adjusted the C1-C2 to its maximum and it works ok.

Perhaps the sensitivity is ok. Any comments?
73 es gd weekend
Mats
SM7BUA, a happy Yellow Box builder.

227. Re: [pfr3_group] Second smoketest ok

Yahoo group: pfr3_group
Date: 2008-08-02 11:52:45 UTC
From: Steve
Topic: 226 Message: 227

Isn't it a bit extreme to compare a 781 to a pfr3? That's like
comparing a Rolls-Royce to a VW Beetle! hi Steve

sm7bua wrote:
>
> This Saturdaymornng I finished my 2:nd part of the kit, and all seems
> ok.
> Just now listening on 7032 on DJ3AX/P.
> BUT it seems to me that the sensitivity is not so high?
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> Perhaps the sensitivity is ok. Any comments?
> 73 es gd weekend
> Mats
> SM7BUA, a happy Yellow Box builder.
>
>

228. Re: [pfr3_group] Second smoketest ok

Yahoo group: pfr3_group
Date: 2008-08-02 11:50:32 UTC
From: Dieter Klaschka
Topic: 226 Message: 228

Good afternoon,
Steve, we had a measurement yesterday during our RX alignment which resulted in a very good value.
See some messgs before this one.
I addressed Mats two times before but never got a reply on R1; so perhaps this answer will also be unread, hi.
Have a good weekend.
Dieter DL2BQD

----- Original Message -----
From: Steve
To: pfr3_group@yahoogroups.com
Sent: Saturday, August 02, 2008 1:52 PM
Subject: Re: [pfr3_group] Second smoketest ok

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sm7bua wrote:
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>
> Perhaps the sensitivity is ok. Any comments?
> 73 es gd weekend
> Mats
> SM7BUA, a happy Yellow Box builder.
>
>

229. Re: Second smoketest ok

Yahoo group: pfr3_group
Date: 2008-08-02 12:08:53 UTC
From: sm7bua
Topic: 226 Message: 229

Hello Dieter.
Tnx for your help with the R1!! I have used thar comment!
Perhaps you have seen my question about the sensitivity of the PFR-3.
There is quite a differens between IC-781 and PFR-3 of course !!

I don´t have any instruments to measure the the PFR-3, but only my ears. During noontime 40 mtrs also is not so busy with strong signals, so I will wait until the evening to make any comments.

Until now, absolutly no problems with the kit. It behaves very nice here.

73 es gd weekend
Mats SM7BUA

--- In pfr3_group@yahoogroups.com, "Dieter Klaschka" <dieter.klaschka@...> wrote:
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> Dieter DL2BQD
>
> ----- Original Message -----
> From: Steve
> To: pfr3_group@yahoogroups.com
> Sent: Saturday, August 02, 2008 1:52 PM
> Subject: Re: [pfr3_group] Second smoketest ok
>
>
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> > Perhaps the sensitivity is ok. Any comments?
> > 73 es gd weekend
> > Mats
> > SM7BUA, a happy Yellow Box builder.
> >
> >
>

230. Re: [pfr3_group] Re: Second smoketest ok

Yahoo group: pfr3_group
Date: 2008-08-02 15:40:43 UTC
From: Dieter Klaschka
Topic: 226 Message: 230

OK, Mats, never mind.
We measured a very good sensitivity ca 0,5 uV.
72, Dieter
----- Original Message -----
From: sm7bua
To: pfr3_group@yahoogroups.com
Sent: Saturday, August 02, 2008 2:08 PM
Subject: [pfr3_group] Re: Second smoketest ok

Hello Dieter.
Tnx for your help with the R1!! I have used thar comment!
Perhaps you have seen my question about the sensitivity of the PFR-3.
There is quite a differens between IC-781 and PFR-3 of course !!

I don´t have any instruments to measure the the PFR-3, but only my
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Mats SM7BUA

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> Dieter DL2BQD
>
> ----- Original Message -----
> From: Steve
> To: pfr3_group@yahoogroups.com
> Sent: Saturday, August 02, 2008 1:52 PM
> Subject: Re: [pfr3_group] Second smoketest ok
>
>
> Isn't it a bit extreme to compare a 781 to a pfr3? That's like
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> > Mats
> > SM7BUA, a happy Yellow Box builder.
> >
> >
>

231. Re: [pfr3_group] Second smoketest ok

Yahoo group: pfr3_group
Date: 2008-08-02 16:15:25 UTC
From: Paul Playford
Topic: 226 Message: 231

So which radio is the Rolls-Royce ?? <grin>

I measured 2 uV MDS on my PFR-3 - not quite as good as the .05 uV MDS of my IC-756PROII.

But with an antenna the PFR-3 seems to hear everything the PROII does.

de Paul, W8AEF

ZF2JL/ZF2TA FO8DX/FO8PLA 8Q7AA XZ0A VU7RG TX5C

----- Original Message -----
From: "Steve" <hsmiller@...>
To: <pfr3_group@yahoogroups.com>
Sent: Saturday, August 02, 2008 11:52 AM
Subject: [-] Re: [pfr3_group] Second smoketest ok

> Isn't it a bit extreme to compare a 781 to a pfr3? That's like
> comparing a Rolls-Royce to a VW Beetle! hi Steve
>
>

232. WOW! I hear a lot of stations

Yahoo group: pfr3_group
Date: 2008-08-02 20:39:08 UTC
From: sm7bua
Topic: 232 Message: 232

OM;s
I think I was to quick to comment the sensitivity of the PFR-3.
Now, at 20.20 UTC 40 meters are just filled with strong signals.I
have yo turn down the audio.
Fun to play around with the tuningknobs, and the RIT possibility.
I am using my ordinary G5RV antenna, but I would like to test my
portabel 40 meters dipol also.

I have also finished group 3, the TX segment.The voltage check was
ok, so I installed the L7 coil.

Without frequency counter and oscilloscope I haven´t been able to
check the DOS frequency and precise BFO adjusment as the IF offset
adjust.I need to visit a local HAM friend and use his equipment for
this adjustments. I hope it is ok to go with the kit and make the
adjustments later on?

Up till now absolute no problem, includning winding the coils.

Now I will take a brake for Sunday and go on coming week. (I am
pastor in a local Church,thats the reason) HI:)
That was also the reason for living in Ecuador for 11 years as
missionary and radioproducer for swedish radioprograms at Radio HCJB,
Voice of the Andes "Home of the Quad"

73 es gd YO (Yellow One)

Mats SM7BUA

233. PFR-3 BLT and the Hendricks BLT/SLT tuners, and a battery MOD

Yahoo group: pfr3_group
Date: 2008-08-02 23:22:59 UTC
From: querencias
Topic: 233 Message: 233

Bon jour mes amis,

we're leaving monday for France then Spain. The PFR-3, antenna, extra tuner (Hendricks SLT), headset, batteries, and keyer paddles are all fitted into a normal size shavie kit - amazing! A complete station for use anywhere on earth, or even in space.

The receiver section is excellent - low noise and sensitive. PFR-3 compares favorably with my Wilderness Sierra. The only major differences are the internal batteries, but the sierra has an outstanding filter,

Anyway, I've built the Hendricks BLT (balanced line tuner) and the SLT (switched line tuner)
and now the integral BLT in the PFR-3. The built=in tuner is a little harder to tune the stand alone BLT and the SLT, but all of them provide good matches to a roof mounted vertical, the Cushcraft R-7, a 20 meter half-wave end-fed wire with counterpoise. Haven't tried to tune a balanced load with any of them.

As often mentioned in the correspondence the PFR-3 tuner is more difficult to tune than the other two models - don't know why but I do know they all work. Perhaps the transformer coils have very high Q - haven't tried any measurements yet.

One fast approach it to peak the noise in the receiver using the Load and Tune controls then apply power and mimize the brightness in the LED -works pretty good.

A modification I made is to place quick disconnect lugs and spades in power lines so that one can dismount the bottom shell from the transceiver for maintenace - not a lot of room or spare wire to the power supplies.

all the best to you PFR-3 builders and operators

72/73 de KT6L Grant

234. Re: [pfr3_group] PFR-3 BLT and the Hendricks BLT/SLT tuners, and a battery MOD

Yahoo group: pfr3_group
Date: 2008-08-03 07:57:40 UTC
From: Dieter Klaschka
Topic: 233 Message: 234

Hi, Grant,
Have a good journey and a enjoyable time on the continent with a lot of 'yellow qsos'.
Thanks for your effort to write a report even before you leave, hi.
Regards,
Dieter dl2bqd
----- Original Message -----
From: querencias
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 03, 2008 1:22 AM
Subject: [pfr3_group] PFR-3 BLT and the Hendricks BLT/SLT tuners, and a battery MOD

Bon jour mes amis,

we're leaving monday for France then Spain. The PFR-3, antenna, extra tuner (Hendricks SLT), headset, batteries, and keyer paddles are all fitted into a normal size shavie kit - amazing! A complete station for use anywhere on earth, or even in space.

The receiver section is excellent - low noise and sensitive. PFR-3 compares favorably with my Wilderness Sierra. The only major differences are the internal batteries, but the sierra has an outstanding filter,

Anyway, I've built the Hendricks BLT (balanced line tuner) and the SLT (switched line tuner)
and now the integral BLT in the PFR-3. The built=in tuner is a little harder to tune the stand alone BLT and the SLT, but all of them provide good matches to a roof mounted vertical, the Cushcraft R-7, a 20 meter half-wave end-fed wire with counterpoise.
Haven't tried to tune a balanced load with any of them.

As often mentioned in the correspondence the PFR-3 tuner is more difficult to tune than the other two models - don't know why but I do know they all work. Perhaps the transformer coils have very high Q - haven't tried any measurements yet.

One fast approach it to peak the noise in the receiver using the Load and Tune controls then apply power and mimize the brightness in the LED -works pretty good.

A modification I made is to place quick disconnect lugs and spades in power lines so that one can dismount the bottom shell from the transceiver for maintenace - not a lot of room or spare wire to the power supplies.

all the best to you PFR-3 builders and operators

72/73 de KT6L Grant

235. Fw: aberrant noise gone

Yahoo group: pfr3_group
Date: 2008-08-03 08:23:46 UTC
From: Dieter Klaschka
Topic: 235 Message: 235

----- Original Message -----
From: "Dieter Klaschka" <dl2bqd@...>
To: <pfr3_group@yahoogroups.com>
Sent: Sunday, August 03, 2008 10:03 AM
Subject: aberrant noise gone

Good morning,
To cut a long strory short: rx, the ugly aberrant noise has gone.

The batteries have to show 9v.

Have a good Sunday, all.
72, Dieter

236. Re: [pfr3_group] Fw: aberrant noise gone

Yahoo group: pfr3_group
Date: 2008-08-03 17:30:53 UTC
From: Paul Playford
Topic: 235 Message: 236

Maybe the PFR-3 has a built-in low battery indicator?

de Paul, W8AEF

ZF2JL/ZF2TA FO8DX/FO8PLA 8Q7AA XZ0A VU7RG TX5C

----- Original Message -----
From: "Dieter Klaschka" <dieter.klaschka@...>
To: <pfr3_group@yahoogroups.com>
Sent: Sunday, August 03, 2008 8:23 AM
Subject: [-] [pfr3_group] Fw: aberrant noise gone

> ----- Original Message -----
> From: "Dieter Klaschka" <dl2bqd@...>
> To: <pfr3_group@yahoogroups.com>
> Sent: Sunday, August 03, 2008 10:03 AM
> Subject: aberrant noise gone
>
>
> Good morning,
> To cut a long strory short: rx, the ugly aberrant noise has gone.
>
> The batteries have to show 9v.
>
> Have a good Sunday, all.
> 72, Dieter
>

237. Re: [pfr3_group] Fw: aberrant noise gone

Yahoo group: pfr3_group
Date: 2008-08-03 17:40:23 UTC
From: WA0ITP
Topic: 235 Message: 237

Doug introduced a low battery indicator option at the
Williams, AZ conference, it's not on his web site yet.

I love this radio stuff !
72, 73 Terry, WA?ITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

----- Original Message -----
From: "Paul Playford" <paul@...>
To: <pfr3_group@yahoogroups.com>
Sent: Sunday, August 03, 2008 12:30 PM
Subject: Re: [pfr3_group] Fw: aberrant noise gone

| Maybe the PFR-3 has a built-in low battery indicator?
|
| de Paul, W8AEF
|
| ZF2JL/ZF2TA FO8DX/FO8PLA 8Q7AA XZ0A VU7RG TX5C
|
|
|
| ----- Original Message -----
| From: "Dieter Klaschka" <dieter.klaschka@...>
| To: <pfr3_group@yahoogroups.com>
| Sent: Sunday, August 03, 2008 8:23 AM
| Subject: [-] [pfr3_group] Fw: aberrant noise gone
|
|
| > ----- Original Message -----
| > From: "Dieter Klaschka" <dl2bqd@...>
| > To: <pfr3_group@yahoogroups.com>
| > Sent: Sunday, August 03, 2008 10:03 AM
| > Subject: aberrant noise gone
| >
| >
| > Good morning,
| > To cut a long strory short: rx, the ugly aberrant noise
has gone.
| >
| > The batteries have to show 9v.
| >
| > Have a good Sunday, all.

| > 72, Dieter
| >
|
| ------------------------------------
|
| Yahoo! Groups Links
|
|
|
|
| No virus found in this incoming message.
| Checked by AVG - http://www.avg.com
| Version: 8.0.138 / Virus Database: 270.5.10/1587 - Release
Date: 8/2/2008 5:30 PM
|
|
|

238. Feeder length

Yahoo group: pfr3_group
Date: 2008-08-04 01:57:27 UTC
From: J.-P. Couture
Topic: 238 Message: 238

Hi.

Is there any formula for the feeder length calculations?

Lets say I got a twin lead 300 ohms, what should be the length for
7.030 and 14.060?

Tnx es 72

Jean-Pierre VA2SG

239. Re: [pfr3_group] Fw: aberrant noise gone

Yahoo group: pfr3_group
Date: 2008-08-04 02:51:19 UTC
From: ki6ds@dospalos.org
Topic: 235 Message: 239

Terry do you have an email address for Joe Porter and Gene Sailsbury? I lost it. Thanks, Doug

240. Re: [pfr3_group] Fw: aberrant noise gone

Yahoo group: pfr3_group
Date: 2008-08-04 02:59:26 UTC
From: WA0ITP
Topic: 235 Message: 240

Hi Doug,

Joe's is w0mqy@...
Gene's is n0mq@...

Nice presentation at Williams, I enjoyed the internet feed.
Most of the time there were 12 - 16 people online watching.

I love this radio stuff !
72, 73 Terry, WA?ITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

----- Original Message -----
From: <ki6ds@...>
To: <pfr3_group@yahoogroups.com>
Sent: Sunday, August 03, 2008 9:51 PM
Subject: Re: [pfr3_group] Fw: aberrant noise gone

| Terry do you have an email address for Joe Porter and Gene
Sailsbury? I
| lost it. Thanks, Doug
|
|
| ---
|
| Yahoo! Groups Links
|
|
|
|
| No virus found in this incoming message.
| Checked by AVG - http://www.avg.com
| Version: 8.0.138 / Virus Database: 270.5.12/1589 - Release
Date: 8/3/2008 1:00 PM
|
|
|

241. Re: [pfr3_group] Feeder length

Yahoo group: pfr3_group
Date: 2008-08-04 06:34:06 UTC
From: Dieter Klaschka
Topic: 238 Message: 241

Jean-Pierre,
I have got a table which shows what lengths should be
a v o i d e d.
If you like I will find it in Practical Wire Antennas by John D Heys, G3BDQ. perhaps it will fit into my photo album here as well.
HWT?

ISBN 0-900612-87-8
Highly recommended.
72, Dieter -bqd

----- Original Message -----
From: J.-P. Couture
To: pfr3_group@yahoogroups.com
Sent: Monday, August 04, 2008 3:57 AM
Subject: [pfr3_group] Feeder length

Hi.

Is there any formula for the feeder length calculations?

Lets say I got a twin lead 300 ohms, what should be the length for 7.030 and 14.060?

Tnx es 72

Jean-Pierre VA2SG

242. Fw: [pfr3_group] Fw: aberrant noise gone

Yahoo group: pfr3_group
Date: 2008-08-04 06:37:15 UTC
From: Dieter Klaschka
Topic: 242 Message: 242

----- Original Message -----
From: dl2bqd gmx
To: pfr3_group@yahoogroups.com
Sent: Monday, August 04, 2008 8:36 AM
Subject: Re: [pfr3_group] Fw: aberrant noise gone

Terry, Paul,
Tnx, good news on that indicator. At the moment not so urgently needed. I now know I will hear a melodious hum, hi.
72, Dieter
----- Original Message -----
From: WA0ITP
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 03, 2008 7:40 PM
Subject: Re: [pfr3_group] Fw: aberrant noise gone

Doug introduced a low battery indicator option at the
Williams, AZ conference, it's not on his web site yet.

I love this radio stuff !
72, 73 Terry, WAØITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

----- Original Message -----
From: "Paul Playford" <paul@...>
To: <pfr3_group@yahoogroups.com>
Sent: Sunday, August 03, 2008 12:30 PM
Subject: Re: [pfr3_group] Fw: aberrant noise gone

| Maybe the PFR-3 has a built-in low battery indicator?
|
| de Paul, W8AEF
|
| ZF2JL/ZF2TA FO8DX/FO8PLA 8Q7AA XZ0A VU7RG TX5C
|
|
|
| ----- Original Message -----
| From: "Dieter Klaschka" <dieter.klaschka@...>
| To: <pfr3_group@yahoogroups.com>
| Sent: Sunday, August 03, 2008 8:23 AM
| Subject: [-] [pfr3_group] Fw: aberrant noise gone
|

|
| > ----- Original Message -----
| > From: "Dieter Klaschka" <dl2bqd@swschwedt.de>
| > To: <pfr3_group@yahoogroups.com>
| > Sent: Sunday, August 03, 2008 10:03 AM
| > Subject: aberrant noise gone
| >
| >
| > Good morning,
| > To cut a long strory short: rx, the ugly aberrant noise
has gone.
| >
| > The batteries have to show 9v.
| >
| > Have a good Sunday, all.
| > 72, Dieter
| >
|
| ------------------------------------
|
| Yahoo! Groups Links
|
|
|
|
| No virus found in this incoming message.
| Checked by AVG - http://www.avg.com
| Version: 8.0.138 / Virus Database: 270.5.10/1587 - Release
Date: 8/2/2008 5:30 PM
|
|
|

243. I need help with the T3 winding

Yahoo group: pfr3_group
Date: 2008-08-04 11:51:36 UTC
From: sm7bua
Topic: 243 Message: 243

OM,s
Today it is time to wind the T3 coil.
But I a litle confused. Please help me.

It say´s in the manual:
1. Pull the 6th turn slightly away from the the middle, outside edge of the core.
2.Scrap away the insulation on the wire of this 6th turn.....(that´s ok)
3. Cut a 2" length of wire #24...(that´s ok)
BUT here comes my confusion..
4. Attach this wire to the 8th turn on the core.??????? Why just now to the 8th turn, should it not be to the 6th turn ????

I will stop my work until I got som e help.

Thank You so much

Mats SM7BUA

244. Re: [pfr3_group] I need help with the T3 winding

Yahoo group: pfr3_group
Date: 2008-08-04 12:31:27 UTC
From: Joseph Feustle
Topic: 243 Message: 244

Mats,

I think there is a general consensus that attaching the wire to the
8th turn instead of the 6th is a mistake in the docs.

72

Joe, N8JF

On Aug 4, 2008, at 7:51 AM, sm7bua wrote:

> OM,s
> Today it is time to wind the T3 coil.
> But I a litle confused. Please help me.
>
> It say´s in the manual:
> 1. Pull the 6th turn slightly away from the the middle, outside edge
> of
> the core.
> 2.Scrap away the insulation on the wire of this 6th turn.....(that´s
> ok)
> 3. Cut a 2" length of wire #24...(that´s ok)
> BUT here comes my confusion..
> 4. Attach this wire to the 8th turn on the core.??????? Why just now
> to
> the 8th turn, should it not be to the 6th turn ????
>
> I will stop my work until I got som e help.
>
> Thank You so much
>
> Mats SM7BUA
>
>
>

245. BLT T3 manual RevB.1 August 4

Yahoo group: pfr3_group
Date: 2008-08-04 15:12:45 UTC
From: Dieter
Topic: 245 Message: 245

Hello, dear all,
Thanks again to Grant, Philip, Joe and some others who so quickly responded also off line to the strange sound on rx...It's mended as I wrote.

I have also re-read the remarks on the T3. In the meantime there are more than 200 enties on this list which will make it difficult for a newcomer or a dummy like me to find all the necessary info.

What I found out:
There are obviously differences between original stand alone BLT (even the cores are different, the method of tapping) , PFR manuals RevA and RevB.

There are hints by Steve which relate to 'the original' but it will be not too easy to trace back what "original" is meant.
And there is a hint to check the little internal caps in the big ones when adjusting the whole system.

There are hints to 'wind following the original' and then reduce windings proportionally. Steve also explains reducing a winding more when using coax ants.

There are general hints on how to build a BLT where we can read it is better to build one for the special type of ant used than to try to force one BLT to match all & everything.

RevB starts with bullet 2 " wind 11 turns" and bullet 7 " attach to 8th turn" -
these two are regarded as typos.

Dennis gives kind of a proper summary for his own BLT windings based on Steve's advice:

Primary - 12 t , tap outside 6th turn
HiZ total of 10 turns, 5 each of tap
LoZ total of 4, 2 on each side of the tap (here Steve even speaks of ONE possible)

I think this could be a good agreement to be accepted for the T3 used together with a '44' ant i.e. NorCal Doublet...for 40, 30, 20 m.

What I would like to try is to offer a series of a couple of pics which show the practical way of winding it.
(Please see the question of Jean Pierre who even speaks of 4 wires)

My first photo in the album shows the model, step one.

The question which arose immediately when I tried to go
on 'modelling' was : Do the other wires go into the core the same way
than the first 30" one ("into the hole from top side")?

Making the tap or spreading the wires evenly or tightly together.
shouldn't be much of a problem.

XYL will be kind enough to offer a helping hand when taking the
photos, hi.

So We could have the manual illustrated this way. A large photo will
tell more than the little pic at page 12; perhaps the pad labels could
be seen on the bottom of the board in a later manual as well since
the core is soldered there. But that is for lazy people, I know.

I am looking forward to the answers for Mats and Jean-Pierre. They
could surely help to get the illustrations ready.
Any help would be highly appreciated to make life with the T3 easier.
HWT?
72,
Dieter dl2bqd gqrp

246. Re: [pfr3_group] BLT T3 manual RevB.1 August 4

Yahoo group: pfr3_group
Date: 2008-08-04 15:24:05 UTC
From: J. Feustle
Topic: 245 Message: 246

Dieter,

Excellent idea. The documentation to emulate/imitate is the new PDF for the BLTPlus. It is loaded with pictures, great diagrams, and is quite easy to follow. That's what I would like to see for the PFR-3.

72

Joe

Dieter wrote:
>
> Hello, dear all,
> Thanks again to Grant, Philip, Joe and some others who so quickly
> responded also off line to the strange sound on rx...It's mended as I
> wrote.
>
> I have also re-read the remarks on the T3. In the meantime there are
> more than 200 enties on this list which will make it difficult for a
> newcomer or a dummy like me to find all the necessary info.
>
> What I found out:
> There are obviously differences between original stand alone BLT (
> even the cores are different, the method of tapping) , PFR manuals
> RevA and RevB.
>
> There are hints by Steve which relate to 'the original' but it will
> be not too easy to trace back what "original" is meant.
> And there is a hint to check the little internal caps in the big ones
> when adjusting the whole system.
>
> There are hints to 'wind following the original' and then reduce
> windings proportionally. Steve also explains reducing a winding more
> when using coax ants.
>
> There are general hints on how to build a BLT where we can read it is
> better to build one for the special type of ant used than to try to
> force one BLT to match all & everything.
>
> RevB starts with bullet 2 " wind 11 turns" and bullet 7 " attach to
> 8th turn" -
> these two are regarded as typos.
>
> Dennis gives kind of a proper summary for his own BLT windings based
> on Steve's advice:
>

> Primary - 12 t , tap outside 6th turn
> HiZ total of 10 turns, 5 each of tap
> LoZ total of 4, 2 on each side of the tap (here Steve even speaks of
> ONE possible)
>
> I think this could be a good agreement to be accepted for the T3 used
> together with a '44' ant i.e. NorCal Doublet...for 40, 30, 20 m.
>
> What I would like to try is to offer a series of a couple of pics
> which show the practical way of winding it.
> (Please see the question of Jean Pierre who even speaks of 4 wires)
>
> My first photo in the album shows the model, step one.
>
> The question which arose immediately when I tried to go
> on 'modelling' was : Do the other wires go into the core the same way
> than the first 30" one ("into the hole from top side")?
>
> Making the tap or spreading the wires evenly or tightly together.
> shouldn't be much of a problem.
>
> XYL will be kind enough to offer a helping hand when taking the
> photos, hi.
>
> So We could have the manual illustrated this way. A large photo will
> tell more than the little pic at page 12; perhaps the pad labels could
> be seen on the bottom of the board in a later manual as well since
> the core is soldered there. But that is for lazy people, I know.
>
> I am looking forward to the answers for Mats and Jean-Pierre. They
> could surely help to get the illustrations ready.
> Any help would be highly appreciated to make life with the T3 easier.
> HWT?
> 72,
> Dieter dl2bqd gqrp
>
>

247. Re: BLT T3 manual RevB.1 August 4

Yahoo group: pfr3_group
Date: 2008-08-04 15:34:30 UTC
From: w2bpi
Topic: 245 Message: 247

Dieter, From my experience of building many BLT type tuners. I have
that non of them will match every antenna. I have tried different
cores, different turns count, and adding more capacitor. Non made a
tune all tuner. In my PFR-3 I could not match any of my antennas. But
when I did Steve's suggested mods (remove turns) I found I could
match sum of my antennas. long wire, No counterpoise antenna as sold
on ebay. So don't be afraid to experiment to get what you want. My
Carolina Windom works very good with the pfr-3 without using the
tuner. 73 George/W2BPI ---
In pfr3_group@yahoogroups.com, "Dieter" <dieter.klaschka@...> wrote:
>
> Hello, dear all,
> Thanks again to Grant, Philip, Joe and some others who so quickly
> responded also off line to the strange sound on rx...It's mended as
I
> wrote.
>
> I have also re-read the remarks on the T3. In the meantime there
are
> more than 200 enties on this list which will make it difficult for
a
> newcomer or a dummy like me to find all the necessary info.
>
> What I found out:
> There are obviously differences between original stand alone BLT (
> even the cores are different, the method of tapping) , PFR manuals
> RevA and RevB.
>
> There are hints by Steve which relate to 'the original' but it
will
> be not too easy to trace back what "original" is meant.
> And there is a hint to check the little internal caps in the big
ones
> when adjusting the whole system.
>
> There are hints to 'wind following the original' and then reduce
> windings proportionally. Steve also explains reducing a winding
more
> when using coax ants.
>
> There are general hints on how to build a BLT where we can read it
is
> better to build one for the special type of ant used than to try to
> force one BLT to match all & everything.
>

> RevB starts with bullet 2 " wind 11 turns" and bullet 7 " attach
to
> 8th turn" -
> these two are regarded as typos.
>
> Dennis gives kind of a proper summary for his own BLT windings
based
> on Steve's advice:
>
> Primary - 12 t , tap outside 6th turn
> HiZ total of 10 turns, 5 each of tap
> LoZ total of 4, 2 on each side of the tap (here Steve even speaks
of
> ONE possible)
>
> I think this could be a good agreement to be accepted for the T3
used
> together with a '44' ant i.e. NorCal Doublet...for 40, 30, 20 m.
>
> What I would like to try is to offer a series of a couple of pics
> which show the practical way of winding it.
> (Please see the question of Jean Pierre who even speaks of 4 wires)
>
> My first photo in the album shows the model, step one.
>
> The question which arose immediately when I tried to go
> on 'modelling' was : Do the other wires go into the core the same
way
> than the first 30" one ("into the hole from top side")?
>
> Making the tap or spreading the wires evenly or tightly together.
> shouldn't be much of a problem.
>
> XYL will be kind enough to offer a helping hand when taking the
> photos, hi.
>
> So We could have the manual illustrated this way. A large photo
will
> tell more than the little pic at page 12; perhaps the pad labels
could
> be seen on the bottom of the board in a later manual as well since
> the core is soldered there. But that is for lazy people, I know.
>
> I am looking forward to the answers for Mats and Jean-Pierre. They
> could surely help to get the illustrations ready.
> Any help would be highly appreciated to make life with the T3
easier.
> HWT?
> 72,
> Dieter dl2bqd gqrp

>

248. Re: BLT T3 manual RevB.1 August 4

Yahoo group: pfr3_group
Date: 2008-08-04 17:13:06 UTC
From: Dieter
Topic: 245 Message: 248

--- In pfr3_group@yahoogroups.com, "J. Feustle" <jafeustle@...> wrote:

Joe,
Well, it's just what I am looking for. I downloaded the
BLTplus manual.
Normally the instructions of the pfr manual are straight forward:
Be carful -prepare, assemble, solder, check, test&align...go on to the
next step.
That's fairly enough but some hints
especially good pictures make life for the kit builder so much easier
and reduces the chance of making extra faults and so avoids
disappointment.
72 Dieter
---------snip----------

> Dieter,
>
> Excellent idea. The documentation to emulate/imitate is the new PDF
for
> the BLTPlus. It is loaded with pictures, great diagrams, and is
quite
> easy to follow. That's what I would like to see for the PFR-3.
72 Joe
>

249. Re: BLT T3 manual RevB.1 August 4

Yahoo group: pfr3_group
Date: 2008-08-04 17:20:02 UTC
From: Dieter
Topic: 245 Message: 249

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:

George, Thanks. Yes I do know that. What I wanted to express is
that not each newcomer shall have to look for all details spread on
the list here.
I tried to express that we could have the concensus that 20-30-40
with kind of a doublet could be well tuned when using the mods shown
in Dennis's summary.
And some pics could help to illustrate that.
I am still with the TX section though, hi.
T3 is still to come.
72, Dieter

>
> Dieter, From my experience of building many BLT type tuners. I
have
> that non of them will match every antenna. I have tried different
> cores, different turns count, and adding more capacitor. Non made
a
---------snip

250. FINISHED the PFR-3

Yahoo group: pfr3_group
Date: 2008-08-04 18:33:07 UTC
From: sm7bua
Topic: 250 Message: 250

This afternoon I finished my work on the PFR-3 " Yellow One", put my G5RV antenna to work and the power switch ON.

Everything worked AT ONCE and I made my first QSO on 40. RU3MJ was calling CQ and came back directly to my call. My report was 559 and he was a good 599.

I made T3 exactly as it was in the manual, and it worked out to fine.

I haven´t played yet with the BLT, but will try sometime. I have made a 40 meter dipol with SWR 1:1 and on 7032 and that antenna will be my prtabel antenna. I also have the possibility to work on 10 MHz. It will take me 2 minutes to change band on the antenna.

This dipole was the one I used on SM/SE-001 eith very good results on 40 meters with another QRP station (4 watts output)

Using the PFR-3 the outputmeter gives me just under 5 Watts on 7 MHz . almost the same on 10 Mhz and around 3,5 watts on 14 MHz.
I think that´s good.

I will put some pictures on the Photoside to show "The Yellow One" in front of my other "Rolls Royce"!

73 de Mats SM7BUA

251. Comments on PFR-3

Yahoo group: pfr3_group
Date: 2008-08-04 20:57:00 UTC
From: J.-P. Couture
Topic: 251 Message: 251

Some comments ont the rig:
http://arsqrp.pbwiki.com/Impressions+of+the+Hendricks+PFR3

72!
JPCouture VA2SG

252. BLT

Yahoo group: pfr3_group
Date: 2008-08-05 00:00:44 UTC
From: foxishiker
Topic: 127 Message: 252

Finished my PFR3 today. Radio works but tuner, well no so lucky.
I wound T3 11 turns with CT, 6 turns and 2 turns. I tried 135 foot doublet, a 44 foot doublet, a 67 foot doublet, a 67/34 foot fan dipole fed with twinlead.
I noticed the written instructions don't match the schematic.
Anybody having any luck?
Chuck/AC7QN

253. Re: [pfr3_group] BLT

Yahoo group: pfr3_group
Date: 2008-08-05 01:30:23 UTC
From: Paul Playford
Topic: 127 Message: 253

My tuner works ok feeding a 50 ohm dummy load.

de Paul, W8AEF

ZF2JL/ZF2TA FO8DX/FO8PLA 8Q7AA XZ0A VU7RG TX5C

----- Original Message -----
From: "foxishiker" <chuckek@...>
To: <pfr3_group@yahoogroups.com>
Sent: Tuesday, August 05, 2008 12:00 AM
Subject: [-] [pfr3_group] BLT

> Finished my PFR3 today. Radio works but tuner, well no so lucky.
> I wound T3 11 turns with CT, 6 turns and 2 turns. I tried 135 foot
> doublet, a 44 foot doublet, a 67 foot doublet, a 67/34 foot fan dipole
> fed with twinlead.
> I noticed the written instructions don't match the schematic.
> Anybody having any luck?
> Chuck/AC7QN

254. BLT

Yahoo group: pfr3_group
Date: 2008-08-05 01:34:19 UTC
From: foxishiker
Topic: 127 Message: 254

I measured the wire dia that I wound on T3. It was the largest of the 3 wires supplied with the kit. It measured .032 with enamel and .029 with enamel burned away. This equates to #20, not #24.

#24 should be .020. This is probably contributing to BLT non function.

(The other two wires measured .012 and .010 which are #28 and #30).

Any suggestions? Should I rewind with #24 or change number of turns with existing #20.

Did anyone else get #20?

Thanks,

Chuck/AC7QN

255. PFR3, BLT and a 44 ft antenna

Yahoo group: pfr3_group
Date: 2008-08-05 01:47:11 UTC
From: Henry Schneider
Topic: 255 Message: 255

Haven't started building the yellow box yet. BUt I would like to build the BLT to work with a 44ft dipole. Can someone tell me the proper turns, etc for this antenna. Don't think I can sift thru the tons of posts about this BLT.

Henry W5HNS

256. BLT

Yahoo group: pfr3_group
Date: 2008-08-05 02:44:50 UTC
From: foxishiker
Topic: 127 Message: 256

After reviewing toroidal inductors in the ARRL Handbook it appears wire dia is not a significant factor.

I'm going to use the heavier wire because it will support the toroid better than the #24.

After reviewing the files it appears the number of turns I used, 11T, 6T, 2T, was for coax fed antennas, although the printed instructions did not reflect that.

I will proceed to rewind with 12T + CT, 10T, and 4T.

Chuck/AC7QN

257. BLT T3

Yahoo group: pfr3_group
Date: 2008-08-05 09:18:38 UTC
From: Dieter
Topic: 257 Message: 257

Hi,
I uploaded a second pic on T3.
The pic in the manual shows the pads from the top side of the board.
Here you see them from the bottom as you have to assemble the core
from there.

The sketch in the manual page 12 corresponds this way with the
windings in reality:
turn one is on the inner side of the core, turn 12 outside.
So the pads are arranged .

Please be kind enough to correct or confirm when there should be
some wrong ideas.
This also refers to my last notes "BLT August 4".
Any confirmation whether the thoughts are OK or n o t would be
of valuable help.

As the last entries on the list show - all the very same questions
we had before will be repeated by each newcomer.
So it is worth spending a wee time on reading the last comments on
BLT T3, isn't it?

72, Dieter dl2bqd

258. Re: PFR3, BLT and a 44 ft antenna

Yahoo group: pfr3_group
Date: 2008-08-05 10:04:36 UTC
From: Dieter
Topic: 255 Message: 258

--- In pfr3_group@yahoogroups.com, Henry Schneider <w5hns@...> wrote:
>
... Don't think I can sift thru the tons of posts about this BLT.
>
> Henry W5HNS
Hi, Henry,
Why not? There are only 250 entries, a new BLT plus manual on
Dough's page, some general remarks on the BLT tuner by KX0R, Steve's
comments... let's say half a ton only.
I am pulling your leg.
;-)
Anyway I tried to give kind of a summary on what has been discussed
here some messages only ago.
HWT?
72, Dieter DL2BQD

259. Re: PFR3, BLT and a 44 ft antenna

Yahoo group: pfr3_group
Date: 2008-08-05 11:40:35 UTC
From: wb8yyy_curt
Topic: 255 Message: 259

Haven't started building the yellow box? That is sacrilige around here.

History of this BLT:
(1) original and Rev A of PFR3 manuals use same recipe as the original stand-alone Norcal BLT. mystery is that there are too many windings for use with diverse antennas on 20m

(2) some reported issues trying to tune on 20m, so Steve decides to put up an antenna (that happens to be 44 feet total length) and reports he cannot tune either on 20m. see his email under Files where he specifies the mod (i tried it and it works well !)

(3) latest version of this manual incorporates this mod, but I hear they may be a typo on the tap point ... do keep this coil symmetrical in the spirit of 'balanced line tuner'

Not much to be confused by! Us pioneers got the priviledge of removing our board once to fix the BLT, and a second time to replace the controller chip with upgraded firmware. Part of the journey ... this is one nice rig! Now if own yahoo would give us a spell checker ...

73, curt

--- In pfr3_group@yahoogroups.com, Henry Schneider <w5hns@...> wrote:
>
> Haven't started building the yellow box yet. BUt I would like to build the BLT to work with a 44ft dipole. Can someone tell me the proper turns, etc for this antenna. Don't think I can sift thru the tons of posts about this BLT.
>
> Henry W5HNS
>

260. Re: PFR3, BLT and a 44 ft antenna

Yahoo group: pfr3_group
Date: 2008-08-05 13:07:33 UTC
From: J.-P. Couture
Topic: 255 Message: 260

Hi Henry,

I followed exactly the numbers of rurns written in rev B.1 of the manual.

I am tuning 20m monoband dipole FB, and not bad match on 40m monoband dipole. Feeder is 24 ft 300 ohms twin lead. Didnt try a 30m dipole at the moment.

I made some tests with 44ft but didnt work.

I'll post a picture of how I set the internal variable capacitors. This is another quick way to improve things.

73 de Pete VA2SG

--- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@...> wrote:
>
> Haven't started building the yellow box? That is sacrilige around
> here.
>
> History of this BLT:
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> stand-alone Norcal BLT. mystery is that there are too many
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> Not much to be confused by! Us pioneers got the priviledge of
removing
> our board once to fix the BLT, and a second time to replace the
> controller chip with upgraded firmware. Part of the journey ...
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> > Haven't started building the yellow box yet. BUt I would like
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> proper turns, etc for this antenna. Don't think I can sift thru
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> tons of posts about this BLT.
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> > Henry W5HNS
> >
>

261. Re: [pfr3_group] Re: PFR3, BLT and a 44 ft antenna

Yahoo group: pfr3_group
Date: 2008-08-05 14:19:20 UTC
From: Chuck Kemmer
Topic: 255 Message: 261

Hi All:

This is the second reference to internal variable capacitors; the first being in the files section along with removing turns on T3.

There is no mention of internal variable caps in the written manual, no line item on parts list and nothing shown on schematic.

Did I miss something somewhere? Please expound on these internal variable caps.

Thanks,

Chuck?AC7QN

----- Original Message -----
From: J.-P. Couture
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 05, 2008 5:07 AM
Subject: [pfr3_group] Re: PFR3, BLT and a 44 ft antenna

Hi Henry,

I followed exactly the numbers of rurns written in rev B.1 of the manual.

I am tuning 20m monoband dipole FB, and not bad match on 40m monoband dipole. Feeder is 24 ft 300 ohms twin lead. Didnt try a 30m dipole at the moment.

I made some tests with 44ft but didnt work.

I'll post a picture of how I set the internal variable capacitors. This is another quick way to improve things.

73 de Pete VA2SG

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>
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>
> History of this BLT:
> (1) original and Rev A of PFR3 manuals use same recipe as the original
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>

> (2) some reported issues trying to tune on 20m, so Steve decides
to put
> up an antenna (that happens to be 44 feet total length) and
reports he
> cannot tune either on 20m. see his email under Files where he
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> Not much to be confused by! Us pioneers got the priviledge of
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> our board once to fix the BLT, and a second time to replace the
> controller chip with upgraded firmware. Part of the journey ...
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> 73, curt
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>
> --- In pfr3_group@yahoogroups.com, Henry Schneider <w5hns@> wrote:
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> > Haven't started building the yellow box yet. BUt I would like
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> build the BLT to work with a 44ft dipole. Can someone tell me the
> proper turns, etc for this antenna. Don't think I can sift thru
the
> tons of posts about this BLT.
> >
> > Henry W5HNS
> >
>

262. Re: PFR3, BLT and a 44 ft antenna

Yahoo group: pfr3_group
Date: 2008-08-05 13:47:55 UTC
From: J.-P. Couture
Topic: 255 Message: 262

hi

Group 5, C74/75

JP

--- In pfr3_group@yahoogroups.com, "Chuck Kemmer" <chuckek@...>
wrote:
>
> Hi All:
>
> This is the second reference to internal variable capacitors; the
first being in the files section along with removing turns on T3.
>
> There is no mention of internal variable caps in the written
manual, no line item on parts list and nothing shown on schematic.
>
> Did I miss something somewhere? Please expound on these internal
variable caps.
>
> Thanks,
>
> Chuck?AC7QN
>
> ----- Original Message -----
> From: J.-P. Couture
> To: pfr3_group@yahoogroups.com
> Sent: Tuesday, August 05, 2008 5:07 AM
> Subject: [pfr3_group] Re: PFR3, BLT and a 44 ft antenna
>
>
> Hi Henry,
>
> I followed exactly the numbers of rurns written in rev B.1 of
the
> manual.
>
> I am tuning 20m monoband dipole FB, and not bad match on 40m
> monoband dipole. Feeder is 24 ft 300 ohms twin lead. Didnt try a
30m
> dipole at the moment.
>
> I made some tests with 44ft but didnt work.
>
> I'll post a picture of how I set the internal variable
capacitors.

> This is another quick way to improve things.
>
> 73 de Pete VA2SG
>
> --- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@> wrote:
> >
> > Haven't started building the yellow box? That is sacrilige
around
> > here.
> >
> > History of this BLT:
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> original
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> > (2) some reported issues trying to tune on 20m, so Steve
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> > Not much to be confused by! Us pioneers got the priviledge of
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> > our board once to fix the BLT, and a second time to replace
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> > 73, curt
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> >
> > --- In pfr3_group@yahoogroups.com, Henry Schneider <w5hns@>
wrote:
> > >
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thru
> the
> > tons of posts about this BLT.
> > >
> > > Henry W5HNS
> > >
> >
>

263. Re: [pfr3_group] Re: PFR3, BLT and a 44 ft antenna

Yahoo group: pfr3_group
Date: 2008-08-05 15:25:01 UTC
From: Chuck Kemmer
Topic: 255 Message: 263

The following is from the files, a note to owners from Steve Weber:

"Also, adjust the two trimmer caps on the bottom of the TUNE cap to maximum
(fully meshed) and keep the windings on the toriod compressed fairly close
to each other instead of spread out over the core, other wise, you might
not be able to now use it on 40 meters."

. . . two trimmer caps on the bottom of the TUNE cap . . . led me to believe he had added more capacitance via additional trimmer capacitors.

Thanks for you response.

Chuck/AC7QN

----- Original Message -----
From: J.-P. Couture
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 05, 2008 5:47 AM
Subject: [pfr3_group] Re: PFR3, BLT and a 44 ft antenna

hi

Group 5, C74/75

JP

--- In pfr3_group@yahoogroups.com, "Chuck Kemmer" <chuckek@...>
wrote:
>
> Hi All:
>
> This is the second reference to internal variable capacitors; the
first being in the files section along with removing turns on T3.
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variable caps.
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> Thanks,
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> Chuck?AC7QN
>
> ----- Original Message -----
> From: J.-P. Couture
> To: pfr3_group@yahoogroups.com

> Sent: Tuesday, August 05, 2008 5:07 AM
> Subject: [pfr3_group] Re: PFR3, BLT and a 44 ft antenna
>
>
> Hi Henry,
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> I followed exactly the numbers of rurns written in rev B.1 of
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> manual.
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> I am tuning 20m monoband dipole FB, and not bad match on 40m
> monoband dipole. Feeder is 24 ft 300 ohms twin lead. Didnt try a
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>
> I made some tests with 44ft but didnt work.
>
> I'll post a picture of how I set the internal variable
capacitors.
> This is another quick way to improve things.
>
> 73 de Pete VA2SG
>
> --- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@> wrote:
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> > Haven't started building the yellow box? That is sacrilige
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> > Not much to be confused by! Us pioneers got the priviledge of
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> > our board once to fix the BLT, and a second time to replace
the
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> this
> > is one nice rig! Now if own yahoo would give us a spell
> checker ...
> >
> > 73, curt
> >
> >
> > --- In pfr3_group@yahoogroups.com, Henry Schneider <w5hns@>
wrote:
> > >
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> > tons of posts about this BLT.
> > >
> > > Henry W5HNS
> > >
> >
>

264. Re: [pfr3_group] Re: PFR3, BLT and a 44 ft antenna

Yahoo group: pfr3_group
Date: 2008-08-05 17:19:41 UTC
From: ki6ds@dospalos.org
Topic: 255 Message: 264

Guys if you will look at the back of the polyvaricons you will see a
trimmer capacitor that is internal to the polyvaricon. This is the
trimmer capacitor that is being referred to. 72, Doug

> Hi All:
>
> This is the second reference to internal variable capacitors; the first
> being in the files section along with removing turns on T3.
>
> There is no mention of internal variable caps in the written manual, no
> line item on parts list and nothing shown on schematic.
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> caps.
>
> Thanks,
>
> Chuck?AC7QN
>
> ----- Original Message -----
> From: J.-P. Couture
> To: pfr3_group@yahoogroups.com
> Sent: Tuesday, August 05, 2008 5:07 AM
> Subject: [pfr3_group] Re: PFR3, BLT and a 44 ft antenna
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>
> Hi Henry,
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> I followed exactly the numbers of rurns written in rev B.1 of the
> manual.
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> I am tuning 20m monoband dipole FB, and not bad match on 40m
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> dipole at the moment.
>
> I made some tests with 44ft but didnt work.
>
> I'll post a picture of how I set the internal variable capacitors.
> This is another quick way to improve things.
>
> 73 de Pete VA2SG
>
> --- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@...> wrote:
> >
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> > 73, curt
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> >
> > --- In pfr3_group@yahoogroups.com, Henry Schneider <w5hns@> wrote:
> > >
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> > > Henry W5HNS
> > >
> >
>
>
>
>

265. Re: [pfr3_group] Re: PFR3, BLT and a 44 ft antenna

Yahoo group: pfr3_group
Date: 2008-08-05 19:47:13 UTC
From: Chuck Kemmer
Topic: 255 Message: 265

Sometimes the hardest things to see are right under my nose.
Thank you,
Chuck
----- Original Message -----
From: ki6ds@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 05, 2008 9:19 AM
Subject: Re: [pfr3_group] Re: PFR3, BLT and a 44 ft antenna

Guys if you will look at the back of the polyvaricons you will see a
trimmer capacitor that is internal to the polyvaricon. This is the
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> caps.
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> Chuck?AC7QN
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> ----- Original Message -----
> From: J.-P. Couture
> To: pfr3_group@yahoogroups.com
> Sent: Tuesday, August 05, 2008 5:07 AM
> Subject: [pfr3_group] Re: PFR3, BLT and a 44 ft antenna
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> Hi Henry,
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> This is another quick way to improve things.
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> > --- In pfr3_group@yahoogroups.com, Henry Schneider <w5hns@> wrote:
> > >
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> > tons of posts about this BLT.

> > >
> > > Henry W5HNS
> > >
> >
>
>
>
>

266. BLT Tune Cap confusion (was)Re: PFR3, BLT and a 44 ft antenna

Yahoo group: pfr3_group
Date: 2008-08-05 20:10:05 UTC
From: Bob Shilling
Topic: 255 Message: 266

I have a stand alone BLT, and don't find any reference
to these trimmers in the original manual or KX0R's BLT
Mods. The new BLT plus manual (a beautiful document -
wish I'd had that when I built my BLT) clearly shows
the trimmers and says to set them at MINIMUM (full
counter-clockwise?). And here you indicate that
Steve's PFR3/BLT mod wants them set at MAXIMUM. Is
that part of the mod, which includes the toroid
winding mods? Or is there still some conflict here? I
intend to open the BLT and see where mine are set.
It's working, but my C2 cap only works in the extreme
position. Maybe changing it's trimmers will help.

Bob kk6qq

--- Chuck Kemmer <chuckek@...> wrote:

> The following is from the files, a note to owners
> from Steve Weber:
>
> "Also, adjust the two trimmer caps on the bottom of
> the TUNE cap to maximum
> (fully meshed) and keep the windings on the toriod
> compressed fairly close
> to each other instead of spread out over the core,
> other wise, you might
> not be able to now use it on 40 meters."
>
> . . . two trimmer caps on the bottom of the TUNE cap
> . . . led me to believe he had added more
> capacitance via additional trimmer capacitors.
>
> Thanks for you response.
>
> Chuck/AC7QN
>
>
> ----- Original Message -----
> From: J.-P. Couture
> To: pfr3_group@yahoogroups.com
> Sent: Tuesday, August 05, 2008 5:47 AM
> Subject: [pfr3_group] Re: PFR3, BLT and a 44 ft
> antenna
>
>
> hi

>
> Group 5, C74/75
>
> JP
>
> --- In pfr3_group@yahoogroups.com, "Chuck Kemmer"
> <chuckek@...>
> wrote:
> >
> > Hi All:
> >
> > This is the second reference to internal
> variable capacitors; the
> first being in the files section along with
> removing turns on T3.
> >
> > There is no mention of internal variable caps in
> the written
> manual, no line item on parts list and nothing
> shown on schematic.
> >
> > Did I miss something somewhere? Please expound
> on these internal
> variable caps.
> >
> > Thanks,
> >
> > Chuck?AC7QN
> >
> > ----- Original Message -----
> > From: J.-P. Couture
> > To: pfr3_group@yahoogroups.com
> > Sent: Tuesday, August 05, 2008 5:07 AM
> > Subject: [pfr3_group] Re: PFR3, BLT and a 44 ft
> antenna
> >
> >
> > Hi Henry,
> >
> > I followed exactly the numbers of rurns written
> in rev B.1 of
> the
> > manual.
> >
> > I am tuning 20m monoband dipole FB, and not bad
> match on 40m
> > monoband dipole. Feeder is 24 ft 300 ohms twin
> lead. Didnt try a
> 30m
> > dipole at the moment.

> >
> > I made some tests with 44ft but didnt work.
> >
> > I'll post a picture of how I set the internal
> variable
> capacitors.
> > This is another quick way to improve things.
> >
> > 73 de Pete VA2SG
> >
> > --- In pfr3_group@yahoogroups.com, "wb8yyy_curt"
> <wb8yyy@> wrote:
> > >
> > > Haven't started building the yellow box? That
> is sacrilige
> around
> > > here.
> > >
> > > History of this BLT:
> > > (1) original and Rev A of PFR3 manuals use
> same recipe as the
> > > original
> > > > stand-alone Norcal BLT. mystery is that there
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> > > windings
> > > > for use with diverse antennas on 20m
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> > > (2) some reported issues trying to tune on
> 20m, so Steve
> decides
> > > to put
> > > > up an antenna (that happens to be 44 feet
> total length) and
> > > reports he
> > > > cannot tune either on 20m. see his email under
> Files where he
> > > > specifies the mod (i tried it and it works
> well !)
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> > > > (3) latest version of this manual incorporates
> this mod, but I
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> > > > Henry W5HNS
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>
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267. Re: BLT Tune Cap confusion - trimmer discovered!

Yahoo group: pfr3_group
Date: 2008-08-06 11:59:20 UTC
From: wb8yyy_curt
Topic: 255 Message: 267

I confess I didn't notice or even think to notice these trimmers! Of course they are there to allow the cap to be aligned to some dial mechanism ... or for our 'more noble' application -- get just the right amount of capacitance range!

Keep in mind it is a trimmer, and it 'merely' adds a few more pF to the larger amount already there. since we can 'only' put integer numbers of turns on the coil, indeed this provides an extra technique to optimize this circuit (particularly if we have just too little or just too much capacitance).

This is obviously a case requiring some experimentation. And this can be done without removing the PC board! Don't be afraid to turn these trimmers and see what works! This is an adventure!

My own thought is that the circuit is more frequency dependent than related to any particular antenna, assuming the antenna is not too small for the operating band.

I am suspicious the trimmer will not help if the BLT transformer has too many turns for 20m operation, but it may help optimize the BLT. as one of my BLT caps is nearly up against the stops on 20m (i think on the lower cap looking down at the rig), i need to try adjusting the trimmers ... yes this is an adventure! Thanks to Steve and Doug for allowing us to participate in it!

73, curt

--- In pfr3_group@...m, Bob Shilling <bobshilling@...>
wrote:
>
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> to these trimmers in the original manual or KX0R's BLT
> Mods. The new BLT plus manual (a beautiful document -
> wish I'd had that when I built my BLT) clearly shows
> the trimmers and says to set them at MINIMUM (full
> counter-clockwise?). And here you indicate that
> Steve's PFR3/BLT mod wants them set at MAXIMUM. Is
> that part of the mod, which includes the toroid
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> intend to open the BLT and see where mine are set.
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> position. Maybe changing it's trimmers will help.
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> > > > (3) latest version of this manual incorporates
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> > > > they may be a typo on the tap point ... do
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> > > > > > Henry W5HNS
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> > > > >
> > >
> > >
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>

268. Re: BLT Tune Cap confusion - trimmer discovered!

Yahoo group: pfr3_group
Date: 2008-08-06 12:55:23 UTC
From: J.-P. Couture
Topic: 255 Message: 268

I've just uploaded pictures showing my variable capacitors internal settings, and the front of the rig, showing how I can reach good SWR. 2 is for 20m, 4 is for 40m.

On the variable caps, it may be not what the manual says, I am not sure, I am not responsible if it damage your radio.

But it works, on 20 es 40 monoband. Doesnt tune 44 feet.

I am working on a youtube video on PFR3. I'll try to upload by friday.

72 73

JP VA2SG

--- In pfr3_group@yahoogroups.com, "wb8yyy_curt" <wb8yyy@...> wrote:
>
> I confess I didn't notice or even think to notice these trimmers! Of
> course they are there to allow the cap to be aligned to some dial
> mechanism ... or for our 'more noble' application -- get just the
> right amount of capacitance range!
>
> Keep in mind it is a trimmer, and it 'merely' adds a few more pF to
> the larger amount already there. since we can 'only' put integer
> numbers of turns on the coil, indeed this provides an extra technique
> to optimize this circuit (particularly if we have just too little or
> just too much capacitance).
>
> This is obviously a case requiring some experimentation. And this
> can be done without removing the PC board! Don't be afraid to turn
> these trimmers and see what works! This is an adventure!
>
> My own thought is that the circuit is more frequency dependent than
> related to any particular antenna, assuming the antenna is not too
> small for the operating band.
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> I am suspicious the trimmer will not help if the BLT transformer has
> too many turns for 20m operation, but it may help optimize the

BLT.
> as one of my BLT caps is nearly up against the stops on 20m (i
think
> on the lower cap looking down at the rig), i need to try adjusting
> the trimmers ... yes this is an adventure! Thanks to Steve and
Doug
> for allowing us to participate in it!
>
> 73, curt

269. PFR3, BLT, antenna

Yahoo group: pfr3_group
Date: 2008-08-06 20:34:33 UTC
From: foxishiker
Topic: 269 Message: 269

Hi all:

I rewound the T3 toroid with 11T(CT 5.5), 10T(5 each side of CT), and 4T(2 each side of CT) and installed.

I can tune my 80 Mtr dipole on all bands.

I set up a 44 ft dipole with 300 ohm feeder 28 ft long. Good on 20 Mtr and 30 Mtr but not so good on 40 Mtr (too short).

I set up a 66 ft dipole with 300 ohm feeder 28 ft long. Not good on 20 Mtr.

I've settled on a dipole 102 ft fed with 300 ohm twinlead, tunes good on all bands. 3/4 wave on 40 Mtrs, 1 1/4 wave on 30 Mtrs, 1 1/2 wave on 20 Mtrs. (This is the same length as the famous G5RV.)

Good luck to all.

Chuck/AC7QN

270. Youtube video

Yahoo group: pfr3_group
Date: 2008-08-07 01:22:15 UTC
From: J.-P. Couture
Topic: 270 Message: 270

Hi,

I uploaded 2 videos on the rig:

http://www.youtube.com/watch?v=XFslpXvX8UQ
<http://www.youtube.com/watch?v=XFslpXvX8UQ>

<http://www.youtube.com/watch?v=66lL_cL5dgg>
http://www.youtube.com/watch?v=66lL_cL5dgg
<http://www.youtube.com/watch?v=66lL_cL5dgg>

CU on the air!

JP Couture "Pete"

VA2SG

271. Re: [pfr3_group] Youtube video

Yahoo group: pfr3_group
Date: 2008-08-07 06:50:38 UTC
From: Dieter Klaschka
Topic: 270 Message: 271

Wow!
Great little videos, Jean-Pierre.
Thanks!
Dieter
----- Original Message -----
From: J.-P. Couture
To: pfr3_group@yahoogroups.com
Sent: Thursday, August 07, 2008 3:22 AM
Subject: [pfr3_group] Youtube video

Hi,

I uploaded 2 videos on the rig:

http://www.youtube.com/watch?v=XFslpXvX8UQ

http://www.youtube.com/watch?v=66lL_cL5dgg

CU on the air!

JP Couture "Pete"

VA2SG

272. PFR-3 2 PFR-3 QSO ?

Yahoo group: pfr3_group
Date: 2008-08-07 08:17:18 UTC
From: sm7bua
Topic: 272 Message: 272

Hello OM:s

It would be very interesting to have QSO with another PFR-3 operator
on 40 meter.

Please send me an email to make a sked.

73 de Mats SM7BUA

273. BLT T3 wire #24

Yahoo group: pfr3_group
Date: 2008-08-07 09:00:44 UTC
From: Dieter
Topic: 273 Message: 273

Hi,
The kit parts list says #24 for the wire
which equals to ca 0,5 mm

The green wire delivered is 0,8mm which is AWG between
#20=0,81 mm
#21=0,72mm
HWT?
Will that cause any problems?
72 Dieter dl2bqd

274. BLT + and Steve's mods

Yahoo group: pfr3_group
Date: 2008-08-07 09:55:00 UTC
From: Dieter
Topic: 274 Message: 274

Good morning,
I had a little reading in the manual of the BLT+

There one can read that "Steve, KD1JV, made some mods to the PFR-3"

for a dipole 2x 6,70 m and a 450 Ohm ladder line 15m long.
(see page 24) This now is a good detailled reference.

The turns on his core correspond exactly with what is written in
PFR Rev B.1 group 5 SWR...

So "11 turns" there is n o typo !!

72, Dieter dl2bqd

275. Re: BLT + and Steve's mods

Yahoo group: pfr3_group
Date: 2008-08-07 15:34:03 UTC
From: foxishiker
Topic: 274 Message: 275

Note: The written instructions for winding T3 do not match the
schematic.

Good day to all

Chuck/AC7QN

--- In pfr3_group@yahoogroups.com, "Dieter" <dieter.klaschka@...>
wrote:
>
> Good morning,
> I had a little reading in the manual of the BLT+
>
> There one can read that "Steve, KD1JV, made some mods to the PFR-3"
>
> for a dipole 2x 6,70 m and a 450 Ohm ladder line 15m long.
> (see page 24) This now is a good detailled reference.
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> The turns on his core correspond exactly with what is written in
> PFR Rev B.1 group 5 SWR...
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> So "11 turns" there is n o typo !!
>
> 72, Dieter dl2bqd
>

276. Re: BLT + and Steve's mods

Yahoo group: pfr3_group
Date: 2008-08-07 15:34:04 UTC
From: foxishiker
Topic: 274 Message: 276

Note: The written instructions for winding T3 do not match the
schematic.

Good day to all

Chuck/AC7QN

--- In pfr3_group@yahoogroups.com, "Dieter" <dieter.klaschka@...>
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> So "11 turns" there is n o typo !!
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> 72, Dieter dl2bqd
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277. Re: [pfr3_group] Re: BLT + and Steve's mods

Yahoo group: pfr3_group
Date: 2008-08-07 16:10:53 UTC
From: Dieter Klaschka
Topic: 274 Message: 277

Yes, Chuck I had mentioned that some msgs before already.
In the BLT+ there are some interesting pics and notes on how to wind T in the tuner (I think there it is named T2).
72, Dieter.

----- Original Message -----
From: foxishiker
To: pfr3_group@yahoogroups.com
Sent: Thursday, August 07, 2008 5:34 PM
Subject: [pfr3_group] Re: BLT + and Steve's mods

Note: The written instructions for winding T3 do not match the
schematic.

Good day to all

Chuck/AC7QN

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> The turns on his core correspond exactly with what is written in
> PFR Rev B.1 group 5 SWR...
>
> So "11 turns" there is n o typo !!
>
> 72, Dieter dl2bqd
>

278. PFR-3 overvoltage protection and NiMh trickle charger

Yahoo group: pfr3_group
Date: 2008-08-07 22:30:38 UTC
From: Ken LoCasale
Topic: 278 Message: 278

In the files section, I posted the modification, I did to limit the input voltage to 12vdc, and to charge my internal NiMh batteries.

pfr-3_charge_7-27-08.pdf

ken - wa4mnt

279. 4 Week wait

Yahoo group: pfr3_group
Date: 2008-08-08 00:27:27 UTC
From: n3ham1
Topic: 279 Message: 279

It will be coming up on the forth week waiting for my re-programmed chip. Being a pioneer is starting to hurt. Has anyone gotten theirs back recently? Jerry N3HAM

280. RE: [pfr3_group] 4 Week wait

Yahoo group: pfr3_group
Date: 2008-08-08 00:59:19 UTC
From: Joseph Feustle
Topic: 279 Message: 280
Attachments: 2 described; binary payloads are missing from this source WARC

Jerry,

Same as you. Waiting..

Joe, N8JF

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of n3ham1
Sent: Thursday, August 07, 2008 8:27 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] 4 Week wait

It will be coming up on the forth week waiting for my re-programmed chip. Being a pioneer is starting to hurt. Has anyone gotten theirs back recently? Jerry N3HAM

281. Re: 4 Week wait

Yahoo group: pfr3_group
Date: 2008-08-08 01:22:08 UTC
From: n3ham1
Topic: 279 Message: 281

Thanks Joe, I've been lugging my 'boat anchor' HW9 around for my out of town trips and portable operating.It's just not the same anymore especially when you see guys enjoying theirs on YouTube, hi.72, Jerry N3HAM
--- In pfr3_group@yahoogroups.com, "Joseph Feustle" <jafeustle@...> wrote:
>
> Jerry,
>
>
>
> Same as you. Waiting..
>
>
>
> Joe, N8JF
>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On
> Behalf Of n3ham1
> Sent: Thursday, August 07, 2008 8:27 PM
> To: pfr3_group@yahoogroups.com
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> chip. Being a pioneer is starting to hurt. Has anyone gotten theirs
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282. T3 thick green wire

Yahoo group: pfr3_group
Date: 2008-08-08 07:50:07 UTC
From: Dieter Klaschka
Topic: 282 Message: 282

Dear friends,
Please can someone do me the favour and really measure the diam. of
the delivered wire of T3 with a vernier calipers?
Would be of help to find some spare wire in the junk box
and compare #24 to what is really in the box.
I know that thicker wire is not worse, just to compare when
experimenting.
Thanks,
Dieter dl2bqd

283. Re: T3 thick green wire

Yahoo group: pfr3_group
Date: 2008-08-08 13:15:34 UTC
From: foxishiker
Topic: 282 Message: 283

Hi Dieter:

Please see message 254 and 256. I measured wire with a 1 inch micrometer, more accurate than a vernier caliper, and got the same results, i.e. #20 instead of #24.
The larger wire, #20, supports the core better and spreads out the windings to match the board better than #24. Seems to work fine.
72
Chuck AC7QN

--- In pfr3_group@yahoogroups.com, "Dieter Klaschka" <dieter.klaschka@...> wrote:
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> experimenting.
> Thanks,
> Dieter dl2bqd
>

284. Re: 4 Week wait

Yahoo group: pfr3_group
Date: 2008-08-08 16:50:20 UTC
From: wb8yyy_curt
Topic: 279 Message: 284

Steve was expecting a 3 week hike, and for the most part we have had decent Wx here in the east ... i think the 3 weeks is about up, so perhaps Steve will be home soon.

Lesson: email the provider before sending a chip to be programmed ... he made the offer on one of the QRP-L's, and when i contacted him he did warn me about his upcoming trip.

the new firmware is nice -- i like the tune feature and CW is a bit more stable ... i haven't evaluated if the memory is less pause-required -- maybe someone has noticed a difference ??

--- In pfr3_group@yahoogroups.com, "n3ham1" <a1aop@...> wrote:
>
> It will be coming up on the forth week waiting for my re-programmed
> chip. Being a pioneer is starting to hurt. Has anyone gotten theirs
> back recently? Jerry N3HAM
>

285. Fw: [pfr3_group] Re: T3 thick green wire

Yahoo group: pfr3_group
Date: 2008-08-08 17:08:54 UTC
From: Dieter Klaschka
Topic: 285 Message: 285

----- Original Message -----
From: Dieter Klaschka
To: chuckek@centurytel.net
Sent: Friday, August 08, 2008 6:57 PM
Subject: Re: [pfr3_group] Re: T3 thick green wire

Good evening Chuck,
(I wanted to answer off group, but your em showed 'permanent error')
Thanks for your reply.
If I understand that correct than thicker wire is delivered indeed.
Perhaps some other hams will cfm that.
But perhaps in other kit parcels # 24 is #24 in the kit parts.

What I thought is that a wee thinner wire would allow to make the interwaved windings easier.

Somewhere I read that the windings should not be evenly spread around the core but rather be pressed together....

Anyway, I will finish my tx section first. Here it is too warm, 35 and more (°C) and we watched Olympics this afternoon.
So perhaps tomorrow I will solder the last Mosfets and do the pre-test.
I won't hurry and I will never ever start building a rig during summer time, hi.
Thanks for your answer and enjoy a good weekend,
72, Dieter
----- Original Message -----
From: foxishiker
To: pfr3_group@yahoogroups.com
Sent: Friday, August 08, 2008 3:15 PM
Subject: [pfr3_group] Re: T3 thick green wire

Hi Dieter:

Please see message 254 and 256. I measured wire with a 1 inch
micrometer, more accurate than a vernier caliper, and
got the same results, i.e. #20 instead of #24.
The larger wire, #20, supports the core better and spreads out the
windings to match the board better than #24. Seems to work fine.
72
Chuck AC7QN

--- In pfr3_group@yahoogroups.com, "Dieter Klaschka"
<dieter.klaschka@...> wrote:
>
> Dear friends,
> Please can someone do me the favour and really measure the
diam. of

> the delivered wire of T3 with a vernier calipers?
> Would be of help to find some spare wire in the junk box
> and compare #24 to what is really in the box.
> I know that thicker wire is not worse, just to compare when
> experimenting.
> Thanks,
> Dieter dl2bqd
>

286. A list of Software that we must have on our computer

Yahoo group: pfr3_group
Date: 2008-08-09 01:53:47 UTC
From: aanton41
Topic: 286 Message: 286

We don't have to spend fortunes to get software for different applications. They are available in plenty as freeware.

Have a look at a list of all essential software that are available for free here: http://freesoftware.internethunter.info

287. BLTuner

Yahoo group: pfr3_group
Date: 2008-08-09 11:42:44 UTC
From: Warnier jos
Topic: 287 Message: 287

Hi to all here

yesterday , after +/- 2 weeks , the PFR-3 kit arrived in Belgium!

(after paying extra Custom charges of 10 EURO !!

first thing (as I saw a lot of comments abt the BLT) was winding the T-100 core

I followed the manual:

prim: 11 turns

High Z : 6 turns and Low Z:2 turns both centered auround the CT point of primair coil

The thick green wire is +/- 0,8 mm diameter so from old PC power supply ,I salvaged some colored wires with approx. same wire diameter

to make things easier ? High Z= Red and Low Z =Yel. wires

I hope this will be OK ?

I put some foto's of BLT core

hope to be QRV as soon as possible ;-)

best 72/73's to all

Josef

ON6WJ / OP5R

288. SV: [pfr3_group] BLTuner

Yahoo group: pfr3_group
Date: 2008-08-09 13:31:30 UTC
From: Mats Gunnarsson
Topic: 287 Message: 288

Josef, missing your photo on the web side. Try again.

Mats SM7BUA

-----Ursprungligt meddelande-----
Från: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] För
Warnier jos
Skickat: den 9 augusti 2008 13:43
Till: pfr3_group@yahoogroups.com
Ämne: [pfr3_group] BLTuner

Hi to all here

yesterday , after +/- 2 weeks , the PFR-3 kit arrived in Belgium!

(after paying extra Custom charges of 10 EURO !!

first thing (as I saw a lot of comments abt the BLT) was winding the
T-100 core

I followed the manual:

prim: 11 turns

High Z : 6 turns and Low Z:2 turns both centered auround the CT point of
primair coil

The thick green wire is +/- 0,8 mm diameter so from old PC power supply
,I salvaged some colored wires with approx. same wire diameter

to make things easier ? High Z= Red and Low Z =Yel. wires

I hope this will be OK ?

I put some foto's of BLT core

hope to be QRV as soon as possible ;-)

best 72/73's to all

Josef

ON6WJ / OP5R

289. testing

Yahoo group: pfr3_group
Date: 2008-08-09 15:19:23 UTC
From: Warnier jos
Topic: 289 Message: 289

pse ignore
thanks
Josef

290. Re: [pfr3_group] testing

Yahoo group: pfr3_group
Date: 2008-08-09 15:32:52 UTC
From: Steve
Topic: 289 Message: 290

It works!!

Warnier jos wrote:
>
> pse ignore
> thanks
> Josef
>
>

291. Re: BLTuner

Yahoo group: pfr3_group
Date: 2008-08-09 15:59:37 UTC
From: Dieter
Topic: 287 Message: 291

--- In pfr3_group@yahoogroups.com, "Warnier jos" <on6wj@...> wrote:
>

Hello, Josef,
Thanks for your three pics.
Have you really wound the second and third windings symetrically
left and right from the tap?
I tried to 'read ' the photos and to recognize where the wires go.
72, Dieter
>
> Hi to all here
> yesterday , after +/- 2 weeks , the PFR-3 kit arrived in Belgium!
(after paying extra Custom charges of 10 EURO !!
first thing (as I saw a lot of comments abt the BLT) was winding
the T-100 core
>
I followed the manual:>
----
prim: 11 turns>
High Z : 6 turns and
Low Z:2 turns both centered auround the CT point of
primair coil

The thick green wire is +/- 0,8 mm diameter so from old PC power
supply
,I salvaged some colored wires with approx. same wire diameter
to make things easier ? High Z= Red and Low Z =Yel. wires

> I hope this will be OK ?>
> I put some foto's of BLT core
> hope to be QRV as soon as possible ;-)

best 72/73's to all
Josef
>
> ON6WJ / OP5R
>

292. Re: BLTuner

Yahoo group: pfr3_group
Date: 2008-08-09 18:17:39 UTC
From: Warnier jos
Topic: 287 Message: 292

--- In pfr3_group@yahoogroups.com, "Dieter" <dieter.klaschka@...>
wrote:
>
> --- In pfr3_group@yahoogroups.com, "Warnier jos" <on6wj@> wrote:
> >
>
> Hello, Josef,
> Thanks for your three pics.
> Have you really wound the second and third windings symetrically
> left and right from the tap?
> I tried to 'read ' the photos and to recognize where the wires go.
> 72, Dieter

Hi Dieter tnx for reply
Well , just uploaded 3 new pics
hope everything is a bit clear now
(I think the two secundaries are centered around the CenterTap of
the primairy winding)
in fact, I wounded "reverse" ie
I started with the primaire (green) wire, folded in two, and
soldered a small (green)wire at this middle point (first removed
the insulation)
then wounded 5 turns left and right of this CT point
then with the red wire started with 3 turns , passing the CT point
and again 3 turns
the same manner with the yellow one (just 1 turn left and wright of
the CT point

time to start now building the kit ;-))
best 73's
Josef

293. Re: [pfr3_group] Re: BLTuner

Yahoo group: pfr3_group
Date: 2008-08-09 18:37:43 UTC
From: Dieter Klaschka
Topic: 287 Message: 293

Thanks a lot , Josef.
Good luck.
Dieter
----- Original Message -----
From: Warnier jos
To: pfr3_group@yahoogroups.com
Sent: Saturday, August 09, 2008 8:17 PM
Subject: [pfr3_group] Re: BLTuner

--- In pfr3_group@yahoogroups.com, "Dieter" <dieter.klaschka@...>
wrote:
>
> --- In pfr3_group@yahoogroups.com, "Warnier jos" <on6wj@> wrote:
> >
>
> Hello, Josef,
> Thanks for your three pics.
> Have you really wound the second and third windings symetrically
> left and right from the tap?
> I tried to 'read ' the photos and to recognize where the wires go.
> 72, Dieter

Hi Dieter tnx for reply
Well , just uploaded 3 new pics
hope everything is a bit clear now
(I think the two secundaries are centered around the CenterTap of
the primairy winding)
in fact, I wounded "reverse" ie
I started with the primaire (green) wire, folded in two, and
soldered a small (green)wire at this middle point (first removed
the insulation)
then wounded 5 turns left and right of this CT point
then with the red wire started with 3 turns , passing the CT point
and again 3 turns
the same manner with the yellow one (just 1 turn left and wright of
the CT point

time to start now building the kit ;-))
best 73's
Josef

294. before group 2 test , low power warner

Yahoo group: pfr3_group
Date: 2008-08-10 11:59:56 UTC
From: Dieter
Topic: 294 Message: 294

Hi,
I have just uploaded two pics.

The newcomer should please mind
C31. I replaced it by a smaller type so it can not conflict with the
R on the left when layed down.
Perhaps one can use a smaller type or solder under the board.

If someone could design a board with EAGLE or TARGET where the parts
will be replaced by SMDs, one could get a low power indicator thumb
nail sized.
Displayed is my model on perf board.
72, Dieter

295. Re: [pfr3_group] PFR-3 2 PFR-3 QSO ?

Yahoo group: pfr3_group
Date: 2008-08-10 18:20:07 UTC
From: Marc G0AZS
Topic: 272 Message: 295
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

296. SV: [pfr3_group] PFR-3 2 PFR-3 QSO ?

Yahoo group: pfr3_group
Date: 2008-08-10 19:30:43 UTC
From: Mats Gunnarsson
Topic: 272 Message: 296

Hello Marc,

Nice to hear from you!

Yes, it was quite an experience, work SOTA from Kuallaberg.

Sorry, I haven□t heard you from Öland.

I will look for G/CE-005 , it has been some nice SOTA QSO:s the last weeks, plenty of time to listen on 40 meters.

Good luck with PFR-3, my Yellow One works fine on all three bands., but I need to work a little more on the BLT.

Using a good dipole on 40 with SWR 1:1 is easier!

73 es cu in the log.

Mats SM7BUA

-----Ursprungligt meddelande-----
Från: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] För Marc G0AZS
Skickat: den 10 augusti 2008 20:20
Till: pfr3_group@yahoogroups.com
Ämne: Re: [pfr3_group] PFR-3 2 PFR-3 QSO ?

Hi Mats

I'm back in G land and sorry I missed you on the air during my time in SM and sorry to cancel my Kullaberg activation. However I see yours went well and such good weather that week.

Anyway the PFR3 worked very well during my stay with use in the IOTA contest (QRP section) and SOTA chasing.

I even managed a PFR3 to PFR3 QSO (just by chance replying to a CQ) with Thomas DF7XF. To say we were pleased to have the QSO is an understatement!

73 and hope to QSO with you soon... If you hear me activating Wendover Woods G/CE-005, I will be using the PFR3.

73 Marc G0AZS (SM7ZAU for the last couple of weeks)

2008/8/7 sm7bua <sm7bua@tele2. <mailto:sm7bua@...> se>

Hello OM:s

It would be very interesting to have QSO with another PFR-3 operator on 40 meter.

Please send me an email to make a sked.

73 de Mats SM7BUA

297. Difting

Yahoo group: pfr3_group
Date: 2008-08-11 02:40:08 UTC
From: ab0ah
Topic: 297 Message: 297

When I start transmitting, the other stations have to start chasing after me. Has anyone else had this problem?...Larry

298. Re: [pfr3_group] Difting

Yahoo group: pfr3_group
Date: 2008-08-11 02:44:13 UTC
From: Michael Harnage
Topic: 297 Message: 298

Likely your rig is not aligned and you're the one who initiates the moving. Try using rit to tune them and keep your tx constant.

With this design your tx freq will be rock solid. There will be no drift in the classical sense.

-mike/w1mt

--- On Mon, 8/11/08, ab0ah <ab0ah@...> wrote:

> From: ab0ah <ab0ah@...>
> Subject: [pfr3_group] Difting
> To: pfr3_group@yahoogroups.com
> Date: Monday, August 11, 2008, 3:40 AM
> When I start transmitting, the other stations have to start
> chasing
> after me. Has anyone else had this problem?...Larry
>

299. RE: [pfr3_group] Drifting

Yahoo group: pfr3_group
Date: 2008-08-11 02:44:12 UTC
From: Rob May
Topic: 297 Message: 299

Make sure you don't have RIT on. The decimal point in the left most digit will be on if you are in RIT.
Rob
NV5E

> To: pfr3_group@yahoogroups.com
> From: ab0ah@...
> Date: Mon, 11 Aug 2008 02:40:08 +0000
> Subject: [pfr3_group] Difting
>
> When I start transmitting, the other stations have to start chasing
> after me. Has anyone else had this problem?...Larry
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/pfr3_group/
>
> Your email settings:
> Individual Email | Traditional
>
> To change settings online go to:
> http://groups.yahoo.com/group/pfr3_group/join
> (Yahoo! ID required)
>
> To change settings via email:
> mailto:pfr3_group-digest@yahoogroups.com
> mailto:pfr3_group-fullfeatured@yahoogroups.com
>
> To unsubscribe from this group, send an email to:
> pfr3_group-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to:
> http://docs.yahoo.com/info/terms/
>

_____
Reveal your inner athlete and share it with friends on Windows Live.
http://revealyourinnerathlete.windowslive.com?locale=en-us&ocid=TXT_TAGLM_WLYIA_whichathlete_us

300. ThirdWorldPc

Yahoo group: pfr3_group
Date: 2008-08-11 14:40:11 UTC
From: Bert M. Thompson
Topic: 300 Message: 300

Has anyone found a low power laptop that could be used with the PFR-3 rig? I sometimes use my pc to run the rig in "straight key" mode using its old serial port,with reed relay circuit from Radio Shack, to send and the sound card to receiver. The software I use is "multipsk" for morse code. It seems to work ok using win98 software and very rarely crashes. This is great for my shack in the basement but not for the great outdoors.

301. Re: [pfr3_group] ThirdWorldPc

Yahoo group: pfr3_group
Date: 2008-08-11 16:35:46 UTC
From: Chris Herd
Topic: 300 Message: 301

Bert M. Thompson wrote:
>
> Has anyone found a low power laptop that could be used with the PFR-3
> rig? I sometimes use my pc to run the rig in "straight key" mode using
> its old serial port,with reed relay circuit from Radio Shack, to send
> and the sound card to receiver. The software I use is "multipsk" for
> morse code. It seems to work ok using win98 software and very rarely
> crashes. This is great for my shack in the basement but not for the
> great outdoors.
>
>
Try the 9 inch version of an eeePC from ASUS loaded with the XP
operating system. You will also need a USB to serial adaptor.

This PC is all solid state and weighs just under 1kg.

Best regards

Chris

302. Re: ThirdWorldPc

Yahoo group: pfr3_group
Date: 2008-08-12 14:14:58 UTC
From: Bert M. Thompson
Topic: 300 Message: 302

--- In pfr3_group@yahoogroups.com, Chris Herd <zl2tch@...> wrote:
>
> Bert M. Thompson wrote:
> >
> > Has anyone found a low power laptop that could be used with the
PFR-3
> > rig? I sometimes use my pc to run the rig in "straight key" mode
using
> > its old serial port,with reed relay circuit from Radio Shack, to
send
> > and the sound card to receiver. The software I use is "multipsk"
for
> > morse code. It seems to work ok using win98 software and very
rarely
> > crashes. This is great for my shack in the basement but not for
the
> > great outdoors.
> >
> >
> Try the 9 inch version of an eeePC from ASUS loaded with the XP
> operating system. You will also need a USB to serial adaptor.
>
> This PC is all solid state and weighs just under 1kg.
>
> Best regards
>
> Chris
>
Thanks Chris: I will look into ASUS weepc .. again thanks kb3mhb Bert

303. Re: Difting

Yahoo group: pfr3_group
Date: 2008-08-12 17:43:32 UTC
From: ab0ah
Topic: 297 Message: 303

I understand how the RIT works and I did not initiate the move, but
I do apprecate all comments.
Just as a test I tuned my Kenwood TS2000 to the same freq. and began
to monitor the pfr3 transmitter output. After a short bit, the
signal being receive by the 2000 jumped 100 khz, a little bit later
it jumped another 100. Nothing on either radio was touched. It moves
up in freq on 40 and down in freq on 30. this is the same thing my
qso's are telling me.

--- In pfr3_group@yahoogroups.com, Michael Harnage <w1mt@...> wrote:
>
> Likely your rig is not aligned and you're the one who initiates
the moving. Try using rit to tune them and keep your tx constant.
>
> With this design your tx freq will be rock solid. There will be no
drift in the classical sense.
>
> -mike/w1mt
>
>
> --- On Mon, 8/11/08, ab0ah <ab0ah@...> wrote:
>
> > From: ab0ah <ab0ah@...>
> > Subject: [pfr3_group] Difting
> > To: pfr3_group@yahoogroups.com
> > Date: Monday, August 11, 2008, 3:40 AM
> > When I start transmitting, the other stations have to start
> > chasing
> > after me. Has anyone else had this problem?...Larry
> >
>

304. Re: [pfr3_group] Re: Difting

Yahoo group: pfr3_group
Date: 2008-08-12 20:12:24 UTC
From: Michael Harnage
Topic: 297 Message: 304

Hmmmm. Can't imagine the hardware doing this, so my guess is firmware (jumping in increment of 100KHz is a tipoff)??? We just may have to wait on Steve to get back from hiking to debug this issue. Kinda makes sense that 40 and 30 might be reversed depending on how the LO injection was implemented.

Does it move on 20 as well (I would guess it might move down-same as 30)?

Does it ever stabilize (stop jumping for a longer period of time) or does it continue jumping?

If it firmware others should see the same behavior, anyone else able to confirm this behavior?

-mike/w1mt

--- On Tue, 8/12/08, ab0ah <ab0ah@...> wrote:

> From: ab0ah <ab0ah@...>
> Subject: [pfr3_group] Re: Difting
> To: pfr3_group@yahoogroups.com
> Date: Tuesday, August 12, 2008, 6:43 PM
> I understand how the RIT works and I did not initiate the
> move, but
> I do apprecate all comments.
> Just as a test I tuned my Kenwood TS2000 to the same freq.
> and began
> to monitor the pfr3 transmitter output. After a short bit,
> the
> signal being receive by the 2000 jumped 100 khz, a little
> bit later
> it jumped another 100. Nothing on either radio was touched.
> It moves
> up in freq on 40 and down in freq on 30. this is the same
> thing my
> qso's are telling me.
>

305. Chip has returned

Yahoo group: pfr3_group
Date: 2008-08-13 03:30:01 UTC
From: n3ham1
Topic: 305 Message: 305

I got my re-programmed chip back from Steve on Monday so he is back from his hike.The tune feature is really a plus and the keying seems improved as long as I remember not to inadvertantly put it in B mode.To the woods once more.72, Jerry.

306. W0CZ on tuners 2001

Yahoo group: pfr3_group
Date: 2008-08-13 18:52:30 UTC
From: Dieter Klaschka
Topic: 306 Message: 306

Hello,
When I thumbed thru my old files from the elecraft list I came across a mesg by Kenneth. (June 29/2001)
When he finished his K2 he wrote that he tested a vertical and a dipole. Dipole was only 10 feet off the ground.

44 ft dipole with 22 ft feeder 300 Ohm twin lead, no balun.
He used his ZM2 but the internal K2 tuner was quicker.

He tried a 13 ft 300 ohm lead and that worked well on 20 and 30 but even the ZM2 was not able to tune it on 40. Then he made it as recommended and " like magic it worked and the tuner settings stayed consistent from day to day".

13 feet and 22 feet feeders are rather short for a high antenna anyway I think, but Kenneth was operating from a caravan camper.

What I want to show is that certainly the feeder length plays a role when tuning single bands, not only the windings on the core of the BLT.. I think that in one previous msg I had mentioned this. "What feeder lengths to be avoided".

I would love to hear from other users of the PFR whether their BLT works properly with a "44" dipole or if they use the coax socket and attach a resonant single dipole.
...or which o t h e r ant is their favourite and how can it be tuned with the BLT ?

In the meantime there are so many list readers here that we could have some really good statements on the BLT .

HWT?
72, Dieter dl2bqd

307. Yippee Completed

Yahoo group: pfr3_group
Date: 2008-08-14 13:24:22 UTC
From: rkavampsev@aol.com
Topic: 307 Message: 307

Playing with the PFR3
Hi all
well i have finished my PFR3 and noticed a number of things .
1st when i built stage 1 and tested it the micro and display camew on instantly however now i have finished it the micro and display will not start when i power up the set. I have to slide the bandchange switch up and downm a couple of times to make the micro kick into action .
2 the sensitivity seems ok but im not happy with it . If i connecvt the antenna direct onto he plat of C1 then signals are good and strong however with the antenna connected to the coax input there is a marked reduction in sensitivity . i cant see anything wrong with T1 but im going to try to modify T1 by making it the same as T2 with a tap at 5 turns up to see if that helps .
Tx is functioning fine with 5 watts on all band,

anybody have the same problems .
cheers
Roy
GM4VKI

308. Re: [pfr3_group] Yippee Completed

Yahoo group: pfr3_group
Date: 2008-08-14 13:50:09 UTC
From: Marc G0AZS
Topic: 307 Message: 308
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

309. Re: Yippee Completed

Yahoo group: pfr3_group
Date: 2008-08-14 16:20:37 UTC
From: wb8yyy_curt
Topic: 307 Message: 309

Yes some things appear to be amiss, so you are not to the finish line yet!

For the sensitivity matter, do experiment with backside toggle switch (it is not intuitive to me anyway, so get a feel for what this thing does with an antenna connected to the coax connector and varying the BLT/coax switch arrangement also on the top panel. I recommend starting with a matched antenna (or via an external tuner) to get the coax path working. Certainly the noise/signals on each band should peak with the preselector control. If all this is well, then its on to doublechecking the wiring of the BST coil.

Do evaluate solder joints in these related areas -- and I have experienced some visually good joints that aren't good, but more often you will see it is not well connected.

On the display related issue, i can't discern if toggling the switch is a mechanical or electrical stimulous into functioning. Definitely examine and consider reflowing relevant pins on the controller and display ICs. And do check the solder contacts on the switch itself -- these heavy connections require a bit more solder.

If debugging these gets you down, enjoy what the rig is doing already, in particularly when you achieve fixes for good sensitivity. proceed with patience as you are almost there.

73, curt

--- In pfr3_group@yahoogroups.com, rkavampsev@... wrote:
>
>
> Playing with the PFR3
> Hi all
> well i have finished my PFR3 and noticed a number of things .
> 1st when i built stage 1 and tested it the micro and display camew on
> instantly however now i have finished it the micro and display will not start when
> i power up the set. I have to slide the bandchange switch up and downm a
> couple of times to make the micro kick into action .
> 2 the sensitivity seems ok but im not happy with it . If i connecvt the
> antenna direct onto he plat of C1 then signals are good and strong however with
> the antenna connected to the coax input there is a marked reduction

in
> sensitivity . i cant see anything wrong with T1 but im going to try
to modify T1 by
> making it the same as T2 with a tap at 5 turns up to see if that
helps .
> Tx is functioning fine with 5 watts on all band,
>
>
> anybody have the same problems .
> cheers
> Roy
> GM4VKI
>

310. Good news and bad news.. I think

Yahoo group: pfr3_group
Date: 2008-08-15 01:06:57 UTC
From: fghester
Topic: 310 Message: 310

I got my re-programmed chip back today. That's the good news & thank you Steve! The bad news is that I pulled a dumb stunt and put it in the socket backwards. Naturally I got no results in Smoke Test 1. I figured it out, removed the chip, placed it in properly but still no result. Did I blow the chip when I applied power backwards :-(Thanks guys. signed dumb in Illinois!

311. Re: [pfr3_group] Re: Difting

Yahoo group: pfr3_group
Date: 2008-08-15 02:43:25 UTC
From: Paul Playford
Topic: 297 Message: 311

I am not aware of any drift on my PFR-3, however I have noticed a flakey:
sometimes when I am tuning downward, the tuning stops and the display shows
something that is not a frequency (just blinks, to fast to really observe),
the receiver goes dead and then seems to come back to life. At the last
'good' frequency it was tuned to.

Wierd.

de Paul, W8AEF

ZF2JL/ZF2TA FO8DX/FO8PLA 8Q7AA XZ0A VU7RG TX5C

312. Re: Good news and bad news.. I think

Yahoo group: pfr3_group
Date: 2008-08-15 07:26:03 UTC
From: Dieter
Topic: 310 Message: 312

Hi, Woody,
Hope you won't mind me having put a pic into my album referring to
your mistake to warn others.
Keep my fingers crossed that you can mend the fault soon.
But pse report when there should be other faults due to wrong
positioning of the 'brain'.
72, Dieter dl2bqd

--- In pfr3_group@yahoogroups.com, "fghester" <fghester@...> wrote:
>
> I got my re-programmed chip back today. That's the good news &
thank
> you Steve! The bad news is that I pulled a dumb stunt and put it in
> the socket backwards. Naturally I got no results in Smoke Test 1.
I
> figured it out, removed the chip, placed it in properly but still no
> result. Did I blow the chip when I applied power backwards :-(
Thanks
> guys. signed dumb in Illinois!
>

313. Olympics Off T.

Yahoo group: pfr3_group
Date: 2008-08-15 09:15:03 UTC
From: Dieter Klaschka
Topic: 313 Message: 313

Hi,
Congrats on your American extraordinary swimmers. Wow!
The yesterday lady winner of the 100 m Free Style Steffen has its sportive origin in a small town in the very east of DL - Schwedt on the River Oder.
That's the very town I am writing from
;-)
I would like to be such a swimmer.
72, Dieter dl2bqd

314. T100-2 red

Yahoo group: pfr3_group
Date: 2008-08-15 09:20:26 UTC
From: Dieter Klaschka
Topic: 314 Message: 314

Guys, I tried to find the specific data of this core and had a look at
the AMIDON site.
There is only the T106-2. It's code color is red brown now since
lead is avoided in the material.
I ordered a T106-2 from a supplier which has the same dimensions and
same color.
Is T100 in the parts list only a typo or an older version?
Anyway both -2 should have 30 MHz max.
HWT?
72, Dieter dl2bqd

315. Re: ThirdWorldPc

Yahoo group: pfr3_group
Date: 2008-08-15 15:03:57 UTC
From: Bert M. Thompson
Topic: 300 Message: 315

--- In pfr3_group@yahoogroups.com, Chris Herd <zl2tch@...> wrote:
>
> Bert M. Thompson wrote:
> >
> > Has anyone found a low power laptop that could be used with the
PFR-3
> > rig? I sometimes use my pc to run the rig in "straight key" mode
using
> > its old serial port,with reed relay circuit from Radio Shack, to
send
> > and the sound card to receiver. The software I use is "multipsk"
for
> > morse code. It seems to work ok using win98 software and very
rarely
> > crashes. This is great for my shack in the basement but not for
the
> > great outdoors.
> >
> >
> Try the 9 inch version of an eeePC from ASUS loaded with the XP
> operating system. You will also need a USB to serial adaptor.
>
> This PC is all solid state and weighs just under 1kg.
>
> Best regards
>
> Chris
>Chris,

I called ASUS and found the EeePC can be bought from "Target.com" and NewEgg.com. I spoke with someone from ASUS about adding XP operating system and a usb to serial port. But they were not very helpful. I think one has to buy the machine before they will provide any technical details. I think the EeePC would be great for hams and their field rigs,however, getting the details from ASUS seems hard.

Thanks again Chris Bert M. Thompson kb3mhb

316. Re: [pfr3_group] Re: ThirdWorldPc

Yahoo group: pfr3_group
Date: 2008-08-15 15:11:08 UTC
From: Paul Locker
Topic: 300 Message: 316

Google ausus mods. Lots of folks have been modding these little computers.

http://asuseeehacks.blogspot.com/

k4pml

----- Original Message ----
From: Bert M. Thompson <bertthompson@...>
To: pfr3_group@yahoogroups.com
Sent: Friday, August 15, 2008 11:03:57 AM
Subject: [pfr3_group] Re: ThirdWorldPc

--- In pfr3_group@yahoogro ups.com, Chris Herd <zl2tch@...> wrote:
>
> Bert M. Thompson wrote:
> >
> > Has anyone found a low power laptop that could be used with the
PFR-3
> > rig? I sometimes use my pc to run the rig in "straight key" mode
using
> > its old serial port,with reed relay circuit from Radio Shack, to
send
> > and the sound card to receiver. The software I use is "multipsk"
for
> > morse code. It seems to work ok using win98 software and very
rarely
> > crashes. This is great for my shack in the basement but not for
the
> > great outdoors.
> >
> >
> Try the 9 inch version of an eeePC from ASUS loaded with the XP
> operating system. You will also need a USB to serial adaptor.
>
> This PC is all solid state and weighs just under 1kg.
>
> Best regards
>
> Chris
>Chris,

I called ASUS and found the EeePC can be bought from "Target.com" and
NewEgg.com. I spoke with someone from ASUS about adding XP operating
system and a usb to serial port. But they were not very helpful. I
think one has to buy the machine before they will provide any
technical details. I think the EeePC would be great for hams and

their field rigs,however, getting the details from ASUS seems hard.

Thanks again Chris Bert M. Thompson kb3mhb

317. 72 de Grant from France

Yahoo group: pfr3_group
Date: 2008-08-15 16:11:39 UTC
From: Dieter
Topic: 317 Message: 317

Hi, Grant asked me to forward this (msg) pic. Please have a look at
my album.
72 Dieter - The world is a yellow nutshell
;-)

From: Grant <tuquerencia@...>
Date: 13 août 2008 18:16:09 GMT+02:00
To: pfr3_group Moderator <pfr3_group-owner@yahoogroups.com>
Subject: PFR-3 in France

Photo of KT6L with new yellow box just north of Strassbourg
listening to DJ2OD calling CQ on 40 meters on the Rhone Canal.

unfortunately the keyer paddles were left in California. Antenna
was 55 ft + 15 ft stub. Built-in tuner gave same match as the
Hendricks SLT

Never the less, many stations were loud and clear

Can't upload the photo to the website from the cell phone

72 de Grant. KT6L

318. Re: [pfr3_group] Re: ThirdWorldPc

Yahoo group: pfr3_group
Date: 2008-08-15 16:37:59 UTC
From: ed palmer
Topic: 300 Message: 318

Bert,

Try www.eeeusers.com. They have a lot of info there and several have successfully laoded XP on the eee. No to be condescending but you can also purchase an eee with XP preloaded.

73 de Ed N0EHQ

--- On Fri, 8/15/08, Bert M. Thompson <bertthompson@...> wrote:

From: Bert M. Thompson <bertthompson@...>
Subject: [pfr3_group] Re: ThirdWorldPc
To: pfr3_group@yahoogroups.com
Date: Friday, August 15, 2008, 10:03 AM

--- In pfr3_group@yahoogro ups.com, Chris Herd <zl2tch@...> wrote:
>
> Bert M. Thompson wrote:
> >
> > Has anyone found a low power laptop that could be used with the
PFR-3
> > rig? I sometimes use my pc to run the rig in "straight key" mode
using
> > its old serial port,with reed relay circuit from Radio Shack, to
send
> > and the sound card to receiver. The software I use is "multipsk"
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> > morse code. It seems to work ok using win98 software and very
rarely
> > crashes. This is great for my shack in the basement but not for
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> > great outdoors.
> >
> >
> Try the 9 inch version of an eeePC from ASUS loaded with the XP
> operating system. You will also need a USB to serial adaptor.
>
> This PC is all solid state and weighs just under 1kg.
>
> Best regards
>
> Chris
>Chris,

I called ASUS and found the EeePC can be bought from "Target.com" and NewEgg.com. I spoke with someone from ASUS about adding XP operating system and a usb to serial port. But they were not very helpful. I

think one has to buy the machine before they will provide any technical details. I think the EeePC would be great for hams and their field rigs,however, getting the details from ASUS seems hard.

Thanks again Chris Bert M. Thompson kb3mhb

319. Re: T100-2 red

Yahoo group: pfr3_group
Date: 2008-08-15 16:41:34 UTC
From: wb8yyy_curt
Topic: 314 Message: 319

Dieter

I confess i was puzzled by the T106 and T100 variations (one is supplied in BLT and the other in the PFR3, at least in the instruction manuals.

If this small difference in diameter was signficant, perhaps none of our BLT circuits would work since there is likely more variation in how we wind the coils !

Yes presumably if you have the same -2 core material, then all should be well relative to its use.

By the way, in terms of estimating inductance, W8DIZ has (last time I was there) a wonderful torroid calcuator utility that can be downloaded from partsandkits.com. In addition to calculating inductance for various size and type cores, he also provides a calculation of wire needed. But I think it only works for the sized cores in his store (which is more than I have ever used).

73, curt

--- In pfr3_group@yahoogroups.com, "Dieter Klaschka" <dieter.klaschka@...> wrote:
>
> Guys, I tried to find the specific data of this core and had a look at
> the AMIDON site.
> There is only the T106-2. It's code color is red brown now since
> lead is avoided in the material.
> I ordered a T106-2 from a supplier which has the same dimensions and
> same color.
> Is T100 in the parts list only a typo or an older version?
> Anyway both -2 should have 30 MHz max.
> HWT?
> 72, Dieter dl2bqd
>

320. Re: [pfr3_group] Re: T100-2 red

Yahoo group: pfr3_group
Date: 2008-08-15 17:05:13 UTC
From: ki6ds@dospalos.org
Topic: 314 Message: 320

Guys, both cores are the same. They are T106-2's. It is a typo in the
manual. Thanks, Doug

> Dieter
>
> I confess i was puzzled by the T106 and T100 variations (one is
> supplied in BLT and the other in the PFR3, at least in the instruction
> manuals.
>
> If this small difference in diameter was signficant, perhaps none of
> our BLT circuits would work since there is likely more variation in how
> we wind the coils !
>
> Yes presumably if you have the same -2 core material, then all should
> be well relative to its use.
>
> By the way, in terms of estimating inductance, W8DIZ has (last time I
> was there) a wonderful torroid calcuator utility that can be downloaded
> from partsandkits.com. In addition to calculating inductance for
> various size and type cores, he also provides a calculation of wire
> needed. But I think it only works for the sized cores in his store
> (which is more than I have ever used).
>
> 73, curt
>
> --- In pfr3_group@yahoogroups.com, "Dieter Klaschka"
> <dieter.klaschka@...> wrote:
>>
>> Guys, I tried to find the specific data of this core and had a look
> at
>> the AMIDON site.
>> There is only the T106-2. It's code color is red brown now since
>> lead is avoided in the material.
>> I ordered a T106-2 from a supplier which has the same dimensions and
>> same color.
>> Is T100 in the parts list only a typo or an older version?
>> Anyway both -2 should have 30 MHz max.
>> HWT?
>> 72, Dieter dl2bqd
>>
>
>
>

321. Re: [pfr3_group] Re: ThirdWorldPc

Yahoo group: pfr3_group
Date: 2008-08-15 20:39:19 UTC
From: Chris Herd
Topic: 300 Message: 321

Bert M. Thompson wrote:
>
> --- In pfr3_group@yahoogroups.com
> <mailto:pfr3_group%40yahoogroups.com>, Chris Herd <zl2tch@...> wrote:
> >
> > Bert M. Thompson wrote:
> > >
> > > Has anyone found a low power laptop that could be used with the
> PFR-3
> > > rig? I sometimes use my pc to run the rig in "straight key" mode
> using
> > > its old serial port,with reed relay circuit from Radio Shack, to
> send
> > > and the sound card to receiver. The software I use is "multipsk"
> for
> > > morse code. It seems to work ok using win98 software and very
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> > > crashes. This is great for my shack in the basement but not for
> the
> > > great outdoors.
> > >
> > >
> > Try the 9 inch version of an eeePC from ASUS loaded with the XP
> > operating system. You will also need a USB to serial adaptor.
> >
> > This PC is all solid state and weighs just under 1kg.
> >
> > Best regards
> >
> > Chris
> >Chris,
>
> I called ASUS and found the EeePC can be bought from "Target.com" and
> NewEgg.com. I spoke with someone from ASUS about adding XP operating
> system and a usb to serial port. But they were not very helpful. I
> think one has to buy the machine before they will provide any
> technical details. I think the EeePC would be great for hams and
> their field rigs,however, getting the details from ASUS seems hard.
>
> Thanks again Chris Bert M. Thompson kb3mhb
>
>
Hi

Try this site for the official position

http://eeepc.asus.com/global/product.htm

If you click on the models you will se they come in both Linux and Windows XP

Try this site for the stuff people do to their eeePC, some of it is pretty some of it is ugly. Their is a very good tutorial somewhere in this site that describes how to strip XP down to less than a couple of hundred meg for installation.

http://forum.eeeuser.com/viewforum.php?id=12

Have a look at this one way over the top but it provides real detail.

http://beta.ivancover.com/wiki/index.php/Eee_PC_Internal_Upgrades

Have fun reading.

Chris

322. Yippee Completed

Yahoo group: pfr3_group
Date: 2008-08-16 02:52:40 UTC
From: Bob Flye
Topic: 307 Message: 322

Greetings Roy,
Interesting, I too have the micro display not come on, although I hear the hiss in the headphones. I cycle the power a time or two and it comes on. I have not tried the bandswitch. Another post had someone put the chip in the socket backward. I did to after it came back from reprogramming. It seems to function fine though.
I do have another issue, if I can actually get time to troubleshoot, and that is the receiver is deaf, I cannot hear any signals at all, even when the band is hopping (last contest on 20 M) I hear the hiss fine, but no signalss. I hope someone has experienced that and can give me a suggestion. I have a scope and an antenna analyzer that I can use for signal input, be next week before I do that though.
All suggestions appreciated,
72,
Bob, AD7BP
Yippee Completed
Posted by: "rkavampsev@..." rkavampsev@...   merlinrail
Thu Aug 14, 2008 6:24 am (PDT)

Playing with the PFR3
Hi all
well i have finished my PFR3 and noticed a number of things ..
1st when i built stage 1 and tested it the micro and display camew on instantly however now i have finished it the micro and display will not start when i power up the set. I have to slide the bandchange switch up and downm a couple of times to make the micro kick into action .
2 the sensitivity seems ok but im not happy with it . If i connecvt the antenna direct onto he plat of C1 then signals are good and strong however with the antenna connected to the coax input there is a marked reduction in sensitivity . i cant see anything wrong with T1 but im going to try to modify T1 by making it the same as T2 with a tap at 5 turns up to see if that helps .
Tx is functioning fine with 5 watts on all band,

anybody have the same problems .
cheers
Roy
GM4VKI

323. ring cores Amidon T106-2

Yahoo group: pfr3_group
Date: 2008-08-16 07:54:58 UTC
From: Dieter
Topic: 323 Message: 323

Dear Dough and Curt,
Thanks for your quick reply concerning the cores and the calculator
address..
I also att. a wellknown calculator which even has an English Button.

http://www.dl5swb.de/html/mini_ringkern-rechner.htm

Have a good weekend.
72, Dieter

324. Re: [pfr3_group] Yippee Completed

Yahoo group: pfr3_group
Date: 2008-08-16 12:49:38 UTC
From: Joseph Feustle
Topic: 307 Message: 324

Bob,

I'd take a look at the installation of T1. Use the instructions from
page 8 of the Rev_B1.pdf as aguide.

HTH.

72
Joe, N8JF

On Aug 15, 2008, at 10:52 PM, Bob Flye wrote:

>
> Greetings Roy,
> Interesting, I too have the micro display not come on, although I
> hear the hiss in the headphones. I cycle the power a time or two
> and it comes on. I have not tried the bandswitch. Another post had
> someone put the chip in the socket backward. I did to after it came
> back from reprogramming. It seems to function fine though.
> I do have another issue, if I can actually get time to troubleshoot,
> and that is the receiver is deaf, I cannot hear any signals at all,
> even when the band is hopping (last contest on 20 M) I hear the hiss
> fine, but no signalss. I hope someone has experienced that and can
> give me a suggestion. I have a scope and an antenna analyzer that I
> can use for signal input, be next week before I do that though.
> All suggestions appreciated,
>
> 72,
> Bob, AD7BP
>
> Yippee Completed
>
> Posted by: "rkavampsev@..." rkavampsev@... merlinrail
>
> Thu Aug 14, 2008 6:24 am (PDT)
>
>
> Playing with the PFR3
> Hi all
> well i have finished my PFR3 and noticed a number of things .
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> downm a
> couple of times to make the micro kick into action .

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> the
> antenna direct onto he plat of C1 then signals are good and strong
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> the antenna connected to the coax input there is a marked reduction in
> sensitivity . i cant see anything wrong with T1 but im going to try
> to modify T1 by
> making it the same as T2 with a tap at 5 turns up to see if that
> helps .
> Tx is functioning fine with 5 watts on all band,
>
>
> anybody have the same problems .
> cheers
> Roy
> GM4VKI
>
>
>

325. Re: [pfr3_group] Yippee Completed

Yahoo group: pfr3_group
Date: 2008-08-16 18:14:18 UTC
From: THOMAS KOUTSIS
Topic: 307 Message: 325

Could you please remove me from your PFR3 Group. I will not be purchasing the PFR 3.
Best regards es 73
Tom WD2Z

From: Joseph Feustle
Sent: Saturday, August 16, 2008 8:49 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Yippee Completed

Bob,

I'd take a look at the installation of T1. Use the instructions from page 8 of the Rev_B1.pdf as aguide.

HTH.

72
Joe, N8JF

On Aug 15, 2008, at 10:52 PM, Bob Flye wrote:

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Interesting, I too have the micro display not come on, although I hear the hiss in the headphones. I cycle the power a time or two and it comes on. I have not tried the bandswitch. Another post had someone put the chip in the socket backward. I did to after it came back from reprogramming. It seems to function fine though.
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All suggestions appreciated,

72,
Bob, AD7BP

Yippee Completed
Posted by: "rkavampsev@..." rkavampsev@... merlinrail
Thu Aug 14, 2008 6:24 am (PDT)

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Tx is functioning fine with 5 watts on all band,

anybody have the same problems .
cheers
Roy
GM4VKI

326. Re: Re: [pfr3_group] Yippee Completed

Yahoo group: pfr3_group
Date: 2008-08-16 20:23:42 UTC
From: Paul Playford
Topic: 307 Message: 326

Could you please scroll down to the very bottom of this email and click on the Unsubscribe link?
Best regards es 73
Paul W8AEF

----- Original Message -----
From: THOMAS KOUTSIS
To: pfr3_group@yahoogroups.com
Sent: Saturday, August 16, 2008 6:14 PM
Subject: [-] Re: [pfr3_group] Yippee Completed

Could you please remove me from your PFR3 Group. I will not be purchasing the PFR 3.
Best regards es 73
Tom WD2Z

327. Re: New Kit Guarantee from Hendricks QRP Kits (you will like this!)

Yahoo group: pfr3_group
Date: 2008-08-16 21:17:18 UTC
From: Bert M. Thompson
Topic: 22 Message: 327

--- In pfr3_group@yahoogroups.com, "KI6DS" <ki6ds@...> wrote:
>
> Effective immediately:
>
> Hendricks QRP Kits Warranty Policy
>
>
> Hendricks QRP Kits strives to offer the best quality, affordable,
kits
> available in today's market and make your kit project a complete
> success. We have confidence in the quality of our designs and in the
> performance of our components. In keeping with this tradition, we
will
> replace any electronic component, for the life of the product, for
any
> reason. If you lose, damage, burn out, or install a component in
> error, that requires a replacement, simply contact us, pay the
postage
> or shipping, and we will replace it. This is in addition to our
> previous practice of replacing any component missing from our kits,
> shipped first class mail, free.
>
> This guarantee does not cover case parts.
>
> To our knowledge, no amateur radio company offers this comprehensive
> policy.
>
> Doug Hendricks
>Doug,

Well love the kit and have made many contacts, however, we had a lighting strike which took out our neighbor house and damaged our cable spliter. Now I find I can not transmitte ... I think that the three front end transistor are not working. I have in a clame with state farm .. and would like to get my pfr-3 back on the air. Bert M. Thompson kb3mhb 73. I think it will have to be sent to Steve Weber??

thanks again kb3mhb

328. Re: [pfr3_group] Re: New Kit Guarantee from Hendricks QRP Kits (you will like this!)

Yahoo group: pfr3_group
Date: 2008-08-16 21:38:32 UTC
From: ki6ds@dospalos.org
Topic: 22 Message: 328

Bert, tell me the parts that you need and I will send them to you. All
that I ask is that you pay the postage. 72, Doug

> --- In pfr3_group@yahoogroups.com, "KI6DS" <ki6ds@...> wrote:
>>
>> Effective immediately:
>>
>> Hendricks QRP Kits Warranty Policy
>>
>>
>> Hendricks QRP Kits strives to offer the best quality, affordable,
> kits
>> available in today's market and make your kit project a complete
>> success. We have confidence in the quality of our designs and in the
>> performance of our components. In keeping with this tradition, we
> will
>> replace any electronic component, for the life of the product, for
> any
>> reason. If you lose, damage, burn out, or install a component in
>> error, that requires a replacement, simply contact us, pay the
> postage
>> or shipping, and we will replace it. This is in addition to our
>> previous practice of replacing any component missing from our kits,
>> shipped first class mail, free.
>>
>> This guarantee does not cover case parts.
>>
>> To our knowledge, no amateur radio company offers this comprehensive
>> policy.
>>
>> Doug Hendricks
>>Doug,
>
> Well love the kit and have made many contacts, however, we had a
> lighting strike which took out our neighbor house and damaged our
> cable spliter. Now I find I can not transmitte ... I think that the
> three front end transistor are not working. I have in a clame with
> state farm .. and would like to get my pfr-3 back on the air. Bert M.
> Thompson kb3mhb 73. I think it will have to be sent to Steve Weber??
>
> thanks again kb3mhb
>
>
>

329. YES YES and YES

Yahoo group: pfr3_group
Date: 2008-08-16 22:25:24 UTC
From: rkavampsev@aol.com
Topic: 329 Message: 329

Well at last im happy. all except for lazy starting of the pic but thats another story .
I changed t1 to a tapped 40 turns with the tap at 5 turns up and wound like L1, selectivity has improved trememdously, also removed R1. On the TX side ive also padded C72 C73 with a 250 pf fixed and now i can tune my half size G5RV to zero brightness on the led on 40 mtres. , I will leave it like that and if neccessary put a switch to switch it in and out if required. Never used a paddle before so trying to get used to it . however ive decided that this little yellow box is a JEM.
73's and see you 7030.
Heres a question for you all .
There are a lot of stations on 40 metres at the moment calling CQ and finnishing the call with _. ..._ ie N V WHY???? what does it mean please .
cheers

Roy
GM4VKI

331. Changes to PFR-3 since REV B.1?

Yahoo group: pfr3_group
Date: 2008-08-17 00:04:50 UTC
From: Alan Ostroff
Topic: 331 Message: 331

Ordered my PRF-3 and I'm eagerly awaiting arrival of the kit. I scanned the assembly manual and saw much confusion regarding the assembly of T3. Sure, the 2" wire connects to turn #6, not #8, but what's going on with the 2 extra turns for the LZ winding?

Has anyone put together an errata to help clarify these or any other issues? I noticed the errata on Doug's site but didn't see any mention of the typos regarding T3.

It would be great to get a heads-up before diving in. I'm as excited as I was when I built my first Heathkit digital clock!

Thanks,
Alan

332. Re: [pfr3_group] Summary of changes since REV B.1 Manual?

Yahoo group: pfr3_group
Date: 2008-08-17 08:46:03 UTC
From: Dieter Klaschka
Topic: 332 Message: 332

Hi, Alan, I don't presume to give hints , please be cautious and take a wee bit of time to skim previous messages in the time you are waiting for delivery.
There are all the aswers to your questions I think.
I also believe the next pfr builders will have the very same questions, won't they?
So a date-marked note in the FILE section might be helpful indeed.
HWT?
72, Dieter-bqd
----- Original Message -----
From: Alan Ostroff
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 17, 2008 1:58 AM
Subject: [pfr3_group] Summary of changes since REV B.1 Manual?

Ordered my PRF-3 and I'm eagerly awaiting arrival of the kit. I scanned the assembly manual and saw much confusion regarding the assembly of T3. Sure, the 2" wire connects to turn #6, not #8, but what's going on with the 2 extra turns for the LZ winding?

Has anyone put together an errata to help clarify these or any other issues? I noticed the errata on Doug's site but didn't see any mention of the typos regarding T3.

It would be great to get a heads-up before diving in. I'm as excited as I was when I build my first Heathkit digital clock!

Thanks,
Alan

333. workshop : T3

Yahoo group: pfr3_group
Date: 2008-08-17 09:06:29 UTC
From: Dieter Klaschka
Topic: 333 Message: 333

Hi, dear all,

Perhaps these lines may help. My personal experienc with T3

In the album you see the toroid photos of the ham from ON,
Josef, and in my gallery you see one pic which shows the BOTTOM side
of the board and the marked/named holes, where the wires have to go.
Put both together.

(The original BLT schematic gives a good basic orientation:
main winding 2x8=16>caps, tap>ground,
HZ12 > switch
LZ6 turns >switch.

You can also have a look into the manual of the new BLT+, there are
some pics as well.)

Mods pfr-3:
Obviously the 11 turns (main) go to the Cs (polyv...). When I wind
them, I put a pointed toth picker under the wire at 5.5th turns. This
creates a little 'hole/bump' for the tap. Press and form it with your
fingernails, hi.
Otherwise you can just
scrape the insulation when wound (a small little file to file keys
with
will do perfectly) , tin and solder a bit of wire to the tap - it can
even be a rest leg of an R which is already tinned. The hole for the
tap is nearby, isn't it?

Then wind the 6 turns(High Impedance,Z) -3 on the left, 3 on the
right of the tap Tnx Josef for your pics!
You see that the holes on the board are not correctly on the
circumference line - indicating that one turn is 'in' the
toroid/core, the other outside.

Finally you wind the LowZ windings= 1 left of the tap , one right,
i.e. you won't have much choice, simply try to space them a wee bit
and wind between the other windings.
There is no large effect on symmetry when there is a space of x or y
mm (fractions of an inch).

I took some other colored enam. wire from the junk box
to differ between green(delivered) and the HZ turns. The difference
between delivered diam and diam AWG in the manual doesn't really
matter. The thicker the better.

I can't say anything on the effect of squeezing the turns or leaving them on the whole winding space. Steve mentioned he has sq. them. Normally we spread windings on the whole core.

There isn't any mystic thing there with T3, simply be correct and check that
you don't mix up with the holes and the wires.

Don't hurry when winding; perhaps you can wind a 'model' with plastic colored
wires beforehand and put it into the board without soldering, just to be sure.
This way you also get a thumb measure of how long the single wires are.
HWT?

72, Dieter.dl2bqd

334. GQRP Rochdale MiniConventionQRP

Yahoo group: pfr3_group
Date: 2008-08-17 12:00:48 UTC
From: Dieter Klaschka
Topic: 334 Message: 334

Off Topic,
sry for bandwidth

Dear fellows,
I am looking for some more pics of/from participants of the Rochdale Convention Manchester UK for my website.
Practical Wireless Mag gave permission to translate an article into German which you can see GQRP site
www.swschwedt.de/kunden/dl2bqd

Just waving the qrp banner.

For former 'Teilnehmer/participants I would like to enclose some more pics.

Any help or hints from the group highly appreciated .
72, Dieter.dl2bqd

335. Keyer problems - even with latest firmware

Yahoo group: pfr3_group
Date: 2008-08-17 15:32:27 UTC
From: Bob
Topic: 335 Message: 335

Hi

I have my PFR-3 working reasonably well into a matched antenna and I appear to have the latest firmware revision - the Atmel chip has a big red dot on it and the TUNE function works.

However, I have problems with the keyer. I can enter CQ CQ CQ and when it's played back it comes back as AWA AWA and various other odd characters. The keyer also seems to have ultra critical timing or some other problem which results in many more errors when I use this then when using other keyers/rigs. I've tried swapping paddles but it's still the same.

The other slight concern I have is peaking the rx input tuned circuit. There's a clear peak on 30m but on 20m and 40m its a very flat response with the noise level increasing at each end of the capacitor rotation, rather than a very clear peak. I've re-wound and checked the torroids and all is well.

Any advice on either of these issues would be very welcome.

73 Bob G3YIQ

336. Re: Summary of changes since REV B.1 Manual?

Yahoo group: pfr3_group
Date: 2008-08-17 16:27:45 UTC
From: Alan Ostroff
Topic: 332 Message: 336

Dieter,

I don't mind posting an errata list after finishing my build but was wondering if there were an significant changes since the REV B.1 manual?

Also, what's HWT? Sorry for the ignorance.

Thanks,
Alan

--- In pfr3_group@yahoogroups.com, "Dieter Klaschka" <dieter.klaschka@...> wrote:
>
> Hi, Alan, I don't presume to give hints , please be cautious and take a wee bit of time to skim previous messages in the time you are waiting for delivery.
> There are all the aswers to your questions I think.
> I also believe the next pfr builders will have the very same questions, won't they?
> So a date-marked note in the FILE section might be helpful indeed.
> HWT?
> 72, Dieter-bqd
> ----- Original Message -----
> From: Alan Ostroff
> To: pfr3_group@yahoogroups.com
> Sent: Sunday, August 17, 2008 1:58 AM
> Subject: [pfr3_group] Summary of changes since REV B.1 Manual?
>
>
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> scanned the assembly manual and saw much confusion regarding the
> assembly of T3. Sure, the 2" wire connects to turn #6, not #8, but
> what's going on with the 2 extra turns for the LZ winding?
>
> Has anyone put together an errata to help clarify these or any other
> issues? I noticed the errata on Doug's site but didn't see any
> mention of the typos regarding T3.
>
> It would be great to get a heads-up before diving in. I'm as excited
> as I was when I build my first Heathkit digital clock!
>
> Thanks,
> Alan
>

337. Re: [pfr3_group] Keyer problems - even with latest firmware

Yahoo group: pfr3_group
Date: 2008-08-17 19:31:25 UTC
From: w2bpi1@aol.com
Topic: 335 Message: 337

See notes to your message.. George/W2BPI

Hi

I have my PFR-3 working reasonably well into a matched antenna and I appear to have the latest firmware revision - the Atmel chip has a big red dot on it and the TUNE function works.

However, I have problems with the keyer. I can enter CQ CQ CQ and when it's played back it comes back as AWA AWA and various other odd characters. The keyer also seems to have ultra critical timing or some other problem which results in many more errors when I use this then when using other keyers/rigs. I've tried swapping paddles but it's still the same. Spacing is very important when creating a message. Read instructions carefully.

The other slight concern I have is peaking the rx input tuned circuit. There's a clear peak on 30m but on 20m and 40m its a very flat response with the noise level increasing at each end of the capacitor rotation, rather than a very clear peak. I've re-wound and checked the torroids and all is well. This is normal.

Any advice on either of these issues would be very welcome.

73 Bob G3YIQ

**********Looking for a car that's sporty, fun and fits in your budget?
Read reviews on AOL Autos.
(http://autos.aol.com/cars-Volkswagen-Jetta-2009/expert-review?ncid=aolaut00030000000007)

338. Re: Keyer problems - even with latest firmware

Yahoo group: pfr3_group
Date: 2008-08-17 20:45:22 UTC
From: J.-P. Couture
Topic: 335 Message: 338

Hi,

Its true its touchy but, didnt took long to get used to it.

Pete VA2SG

--- In pfr3_group@yahoogroups.com, w2bpi1@... wrote:
>
> See notes to your message.. George/W2BPI
>
>
>
>
>
>
>
>
>
> Hi
>
> I have my PFR-3 working reasonably well into a matched antenna
and I
> appear to have the latest firmware revision - the Atmel chip has
a big
> red dot on it and the TUNE function works.
>
> However, I have problems with the keyer. I can enter CQ CQ CQ and
when
> it's played back it comes back as AWA AWA and various other odd
> characters. The keyer also seems to have ultra critical timing or
some
> other problem which results in many more errors when I use this
then
> when using other keyers/rigs. I've tried swapping paddles but it's
> still the same. Spacing is very important when creating a
message. Read
> instructions carefully.
>
> The other slight concern I have is peaking the rx input tuned
circuit.
> There's a clear peak on 30m but on 20m and 40m its a very flat
> response with the noise level increasing at each end of the
capacitor
> rotation, rather than a very clear peak. I've re-wound and
checked the
> torroids and all is well. This is normal.
>

> Any advice on either of these issues would be very welcome.
>
> 73 Bob G3YIQ
>
>
>
>
>
>
>
>
> **********Looking for a car that's sporty, fun and fits in
your budget?
> Read reviews on AOL Autos.
> (http://autos.aol.com/cars-Volkswagen-Jetta-2009/expert-review?
ncid=aolaut00030000000007)
>

339. NAQCC straight key/bug sprint video

Yahoo group: pfr3_group
Date: 2008-08-17 23:25:52 UTC
From: J.-P. Couture
Topic: 339 Message: 339

For those who are building their yellow box, or those waiting for a chip, enjoy: PFR-3 video <http://www.youtube.com/watch?v=3xVz0Lzr51I>

72 73

Pete VA2SG

340. Re: New Kit Guarantee from Hendricks QRP Kits (you will like this!)

Yahoo group: pfr3_group
Date: 2008-08-17 23:26:01 UTC
From: Bert M. Thompson
Topic: 22 Message: 340

--- In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>
> Bert, tell me the parts that you need and I will send them to you.
All
> that I ask is that you pay the postage. 72, Doug
>
>
> > --- In pfr3_group@yahoogroups.com, "KI6DS" <ki6ds@> wrote:
> >>
> >> Effective immediately:
> >>
> >> Hendricks QRP Kits Warranty Policy
> >>
> >>
> >> Hendricks QRP Kits strives to offer the best quality, affordable,
> > kits
> >> available in today's market and make your kit project a complete
> >> success. We have confidence in the quality of our designs and in
the
> >> performance of our components. In keeping with this tradition, we
> > will
> >> replace any electronic component, for the life of the product,
for
> > any
> >> reason. If you lose, damage, burn out, or install a component in
> >> error, that requires a replacement, simply contact us, pay the
> > postage
> >> or shipping, and we will replace it. This is in addition to our
> >> previous practice of replacing any component missing from our
kits,
> >> shipped first class mail, free.
> >>
> >> This guarantee does not cover case parts.
> >>
> >> To our knowledge, no amateur radio company offers this
comprehensive
> >> policy.
> >>
> >> Doug Hendricks
> >>Doug,
> >
> > Well love the kit and have made many contacts, however, we had a
> > lighting strike which took out our neighbor house and damaged our
> > cable spliter. Now I find I can not transmitte ... I think that
the

> > three front end transistor are not working. I have in a clame with
> > state farm .. and would like to get my pfr-3 back on the air.
Bert M.
> > Thompson kb3mhb 73. I think it will have to be sent to Steve
Weber??
> >
> > thanks again kb3mhb
> >
> >
> >
>Doug,

Well Doug I checked the PA the best I could and it appears that the N MOSFETS (BS170) q7,q8 and q9 are gone. Using my "dvm" and repeating group 3 pertests I measured abt 2.5 volts on the outputs of the nor gate U8. I have not removed any parts yet and I'm not sure I could test the MOSFETS. I also ohmed the circuitry in this area and all is intact. This is the first time in my life I've had lightning damage. I will pay postage and any fees that are necessary... I miss the little rig. Let me know how you want to handle this and I'll comply.

Thanks agn Doug es 73 Bert M. Thompson kb3mhb

341. Run For The Bacon 081708

Yahoo group: pfr3_group
Date: 2008-08-18 03:07:07 UTC
From: donaldjmcbride
Topic: 341 Message: 341

Just finished up the Flying Pigs RFTB with my PFR-3, but tried to go with the new FT-817. You see, Pres. Bush personally sent me this check and TOLD me to buy it. (Anyone remember "the devil made me do it" ?)
Anyhow, quickly switched to the Yellow Wonder because it hears better and particularly so on a noisy band like 40 meters tonight with all the QRN. Signals just seem to jump out of the background.
Need to send in U6 for reprogramming but just can't give up time on the Yellow Wonder!
Way to go Steve Weber!

342. Re: [pfr3_group] Re: Summary of changes since REV B.1 Manual?

Yahoo group: pfr3_group
Date: 2008-08-18 07:30:27 UTC
From: Dieter Klaschka
Topic: 332 Message: 342

Alan,
The problem of having to compare details of manuals/ schematics will occur to each newcomer who just seriously starts building.
A kind of summary of errata or hints would be for the sake of a very new starter and would only qualify
the standard of PFR support as to say.
Or he has got to 'thumb thru' all the >300 messages ...
I do think there are no exceptional significant changes since REV B.1 Manual by now and all were mentioned in the one or other message
on the list here.
Most confusion gave T3 I believe. How to wind, proper number of turns, how to put the wires in, which steps to do first, wire diam., tuning etc etc,
some details of how to construct or solder which part first, proper power supply, finally perhaps the processor and key and its behaviour. And some few simple typos.
But I strongly believe that a new manual will be illustrated, explained, extended with constructional details ... since it is no paper manual it can very easily and quickly be done. There are so many hints on the list now.
Doug's ears must be ringing (sry it's a German saying, ears ring when someone speaks about you)

(what gave me personally some confusion is the simple fact that there is a BLT kit already sold and there are still so many remarks on the internal BLT/pfr, anyway we are to experiment, hi).

Well, that's all for the time being.
Thanks for your reply.
HWT? How is that?
72 to the group,
Dieter dl2bqd gqrp

----- Original Message -----
From: Alan Ostroff
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 17, 2008 6:27 PM
Subject: [pfr3_group] Re: Summary of changes since REV B.1 Manual?

Dieter,

I don't mind posting an errata list after finishing my build but was
wondering if there were an significant changes since the REV B.1 manual?

Also, what's HWT? Sorry for the ignorance.

Thanks,
Alan

--- In pfr3_group@yahoogroups.com, "Dieter Klaschka"
<dieter.klaschka@...> wrote:
>
> Hi, Alan, I don't presume to give hints , please be cautious and
take a wee bit of time to skim previous messages in the time you are
waiting for delivery.
> There are all the aswers to your questions I think.
> I also believe the next pfr builders will have the very same
questions, won't they?
> So a date-marked note in the FILE section might be helpful indeed.
> HWT?
> 72, Dieter-bqd
> ----- Original Message -----
> From: Alan Ostroff
> To: pfr3_group@yahoogroups.com
> Sent: Sunday, August 17, 2008 1:58 AM
> Subject: [pfr3_group] Summary of changes since REV B.1 Manual?
>
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> scanned the assembly manual and saw much confusion regarding the
> assembly of T3. Sure, the 2" wire connects to turn #6, not #8, but
> what's going on with the 2 extra turns for the LZ winding?
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> Has anyone put together an errata to help clarify these or any other
> issues? I noticed the errata on Doug's site but didn't see any
> mention of the typos regarding T3.
>
> It would be great to get a heads-up before diving in. I'm as excited
> as I was when I build my first Heathkit digital clock!
>
> Thanks,
> Alan
>

343. Re: Keyer problems - even with latest firmware

Yahoo group: pfr3_group
Date: 2008-08-18 12:34:53 UTC
From: Bob Jones
Topic: 335 Message: 343

Guys

thanks for all the advice on the keyer.

I'm making a lot of great QSOs with this rig and overall I'm delighted with it but I really don't think much of the keyer - there are so many good keyers out there I can't understand why this isn't one of them?

Is there any chance of a future firmware upgrade to improve it, I wonder?

73 Bob G3YIQ

344. Re: Keyer problems - even with latest firmware

Yahoo group: pfr3_group
Date: 2008-08-18 13:23:12 UTC
From: w2bpi
Topic: 335 Message: 344

After getting new firmware I was able to program memory to send CQ. (It took many trys) It sounds good when I just listen to the message, BUT when I use it to key the rig it makes errors (not always the same error) So I started using a Picokeyer. It works FB. I guess I'll install it in the rig. 73 George/W2BPI

> Guys
>
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> with it but I really don't think much of the keyer - there are so many
> good keyers out there I can't understand why this isn't one of them?
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> Is there any chance of a future firmware upgrade to improve it, I
> wonder?
>
> 73 Bob G3YIQ
>

345. Re: Keyer problems - even with latest firmware

Yahoo group: pfr3_group
Date: 2008-08-18 21:09:47 UTC
From: Bob
Topic: 335 Message: 345

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
> After getting new firmware I was able to program memory to send CQ. (It
> took many trys) It sounds good when I just listen to the message, BUT
> when I use it to key the rig it makes errors (not always the same
> error) So I started using a Picokeyer. It works FB. I guess I'll
> install it in the rig. 73 George/W2BPI
> >
> > Guys
> >
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> >
> > I'm making a lot of great QSOs with this rig and overall I'm
> delighted
> > with it but I really don't think much of the keyer - there are so
> many
> > good keyers out there I can't understand why this isn't one of them?
> >
> > Is there any chance of a future firmware upgrade to improve it, I
> > wonder?
> >
> > 73 Bob G3YIQ
> >
>
Hi George

well, I'm glad it's not just me! I'll take a look at the Picokeyer, I
may even install a K1EL keyer -it's what I'm used to - just need to
see if I can find the space.

73 Bob G3YIQ

346. First ? PFR-3 assembled in Belgium : alive and kicking !

Yahoo group: pfr3_group
Date: 2008-08-18 21:40:31 UTC
From: Warnier jos
Topic: 346 Message: 346

hello QRP-friends
Today made my first steps on 7030 KHz!
(2 x QRP QSO's with DJ6TE and M0KWV)
PFR-3 is really a great rig!
congrats to Doug & Steven
(power output all bands : 5 watts)
tomorrow more tests hi

looking forward to meet other PFR-3's

best 73's
Josef
ON6WJ
BELGIUM
on6wj@...

347. Re: [pfr3_group] Re: Keyer problems - even with latest firmware

Yahoo group: pfr3_group
Date: 2008-08-18 22:03:54 UTC
From: WA0ITP
Topic: 335 Message: 347

I like Steve's SKC chip. It has a simple menu, and a nice feel, easy to use, but no memories tho. I've built it into a couple of rigs and into one memory keyer. It's cheaper than dirt and works vy well.
http://kd1jv.qrpradio.com/skc/SKC.HTM
Doug also has it in a vy nice kit as a promotional item.
http://kd1jv.qrpradio.com/skc/SKC.HTM
It can be fed into the straight key inout but neither the PFR3 or any of the ATS3's memory functions will work.

FWIW, If I had a PFR3, and didnt like the feel, I'd plug in an external memory keyer and wait for Steve to address it when he's rested up from the trail. The code in my ATS3 is very comfortable and accurate, at least at my slow speeds.

I do enjoy this reflector, especially since I have the first cousin of the PFR3.

I love this radio stuff !
72, 73 Terry, WA?ITP
www.wa0dx.org/wa0itp
www.4sqrp.com
www.hams4u.com
www.qrpspots.com

----- Original Message -----
From: "Bob" <g3yiq@...>
To: <pfr3_group@yahoogroups.com>
Sent: Monday, August 18, 2008 4:09 PM
Subject: [pfr3_group] Re: Keyer problems - even with latest firmware

> --- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>>
>> After getting new firmware I was able to program memory to send CQ. (It
>> took many trys) It sounds good when I just listen to the message, BUT
>> when I use it to key the rig it makes errors (not always the same
>> error) So I started using a Picokeyer. It works FB. I guess I'll
>> install it in the rig. 73 George/W2BPI
>> >
>> > Guys
>> >
>> > thanks for all the advice on the keyer.
>> >
>> > I'm making a lot of great QSOs with this rig and overall I'm
>> delighted
>> > with it but I really don't think much of the keyer - there are so
>> many
>> > good keyers out there I can't understand why this isn't one of them?

>> >
>> > Is there any chance of a future firmware upgrade to improve it, I
>> > wonder?
>> >
>> > 73 Bob G3YIQ
>> >
>>
> Hi George
>
> well, I'm glad it's not just me! I'll take a look at the Picokeyer, I
> may even install a K1EL keyer -it's what I'm used to - just need to
> see if I can find the space.
>
> 73 Bob G3YIQ
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.138 / Virus Database: 270.6.4/1617 - Release Date: 8/17/2008
> 12:58 PM
>
>
>

348. DX

Yahoo group: pfr3_group
Date: 2008-08-19 22:12:10 UTC
From: Joseph Feustle
Topic: 348 Message: 348

Finally put everything in the yellow box and tightened down the screws. Did a quick check on 20 meters to satisfy myself that it still works. Yup, sure does: HC2 and 9A2. Of course, the multi-element tri-band yagi helped, but I am still amazed what one can do with this little rig.

72
Joe, N8JF

349. DX

Yahoo group: pfr3_group
Date: 2008-08-19 23:36:26 UTC
From: k2qpn
Topic: 348 Message: 349

I put my PFR-3 on the air at the end of June. Since then I have worked 49 countries using a vertical antenna. Hopefully, I will make QRP DXCC. As a DXer, I had worked everything that I can hear and I was getting bored. The PFR-3 has renewed my interest as I impatiently wait for the appearance of a sunspot. Any sunspot.

73, Bob K2QPN

350. DX

Yahoo group: pfr3_group
Date: 2008-08-20 01:49:26 UTC
From: k2qpn
Topic: 348 Message: 350

I live in New Jersey. I have worked 21 countries on 20m, 14 countries on 30m and 20 countries on 40m. All using a Hustler 4BTV + 30M vertical. I am very happy with my yellow box. I can't wait to take portable.

73, Bob K2QPN

351. RE: Replacement parts.

Yahoo group: pfr3_group
Date: 2008-08-20 10:23:44 UTC
From: Bert M. Thompson
Topic: 351 Message: 351

Doug,

Not sure who to contact or how?? The replacement parts I need to repair my PFR-3 are "mosfet N-ch" BS170 transistors. I need three to replace Q7,Q8, and Q9. That appears to be the extent of the lighting damage. The cable splitter was blackened .. I got lucky in the future I'll unplug everything. Again thanks for your help. Bert M. Thompson 73

352. group 3 some remarks, see photo album

Yahoo group: pfr3_group
Date: 2008-08-21 11:15:11 UTC
From: Dieter
Topic: 352 Message: 352

Hello,

bullet 1.
I think one can check the 100k at the moment before it will be soldered. Why is there an extra check here.

In the assembly list there is only the 14 point socket - of course you must put in the 74HC (it's mentioned in the old manual version)

http://www.farnell.com/datasheets/43294.pdf
Here you can see where pin 1 is. Have a look at the schematics and you'll also see that pin 1 leads to Q7. So pin ONE is the top left nr the little notch. One can put the test probe of the DVM on top of the board.
A number on the board or in the pic page 10 of the manual showing pin 1 and pin 14 would help the inexpirienced ham friend to find the test points.

bullet 2
my straight key is built from a telegraph relay having gold contacts. The lever has two little knobs glued from a childrens' 'flee hop game'. It is enclosed in a plastic screw box from a DIY shop. It is very light weight and I like a heavier one when operating (KENT key or PALM paddle with a metal base)

I know , I may carry coal to Newcastle but perhaps it helps.
72, Dieter dl2bqd

353. Re: group 3 some remarks, see photo album

Yahoo group: pfr3_group
Date: 2008-08-21 13:54:52 UTC
From: Warnier jos
Topic: 352 Message: 353

Hi Dieter
I also put fuse 1 Amp + reverse polarity diode at "EXT input"
see foto's
another 2nd fuseholder (for the internal batterie) is glued on the
bottom of enclosue
have fun
Josef
ON6WJ
maybe a 2x PFR3 QSO ?
email on6wj@...

354. Re: PFR3 RIT

Yahoo group: pfr3_group
Date: 2008-08-21 18:33:44 UTC
From: Henry Schneider
Topic: 348 Message: 354

Bob
How much RIT is in that radio? I may want to do foxhunts with it. Can I go at least 1 khz on either side of center frequency?

Henry W5HNS

k2qpn <K2QPN@...> wrote:
I live in New Jersey. I have worked 21 countries on 20m, 14 countries
on 30m and 20 countries on 40m. All using a Hustler 4BTV + 30M
vertical. I am very happy with my yellow box. I can't wait to take
portable.

73, Bob K2QPN

"It doesn't matter how big a ranch ya own, or how many cows ya brand, the size of your funeral is still gonna depend on the weather."
--Harry Truman

355. Re: [pfr3_group] Re: PFR3 RIT

Yahoo group: pfr3_group
Date: 2008-08-21 19:12:24 UTC
From: Bob Nelson
Topic: 348 Message: 355

As far as I know, there is no RIT limit within the band. I have gone 2.5 KC.

73 (Best Regards),

Bob Nelson K2QPN
k2qpn@...
www.k2qpn.ham-radio-op.net (http://www.k2qpn.ham-radio-op.net)

Secretary - Burlington County Radio Club
Member - Frankford Radio Club

Henry Schneider wrote:

Bob

How much RIT is in that radio? I may want to do foxhunts with it. Can I go at least 1 khz on either side of center frequency?

Henry W5HNS

k2qpn wrote:

I live in New Jersey. I have worked 21 countries on 20m, 14 countries on 30m and 20 countries on 40m. All using a Hustler 4BTV + 30M vertical. I am very happy with my yellow box. I can't wait to take portable.

73, Bob K2QPN

"It doesn't matter how big a ranch ya own, or how many cows ya brand, the size of your funeral is still gonna depend on the weather."
--Harry Truman

356. Re: PFR3 RIT

Yahoo group: pfr3_group
Date: 2008-08-21 19:14:51 UTC
From: w2bpi
Topic: 348 Message: 356

---It will tune entire band in RIT
>
> Bob
> How much RIT is in that radio? I may want to do foxhunts with
it. Can I go at least 1 khz on either side of center frequency?
>
> Henry W5HNS
>
> k2qpn <K2QPN@...> wrote:
> I live in New Jersey. I have worked 21 countries on 20m,
14 countries
> on 30m and 20 countries on 40m. All using a Hustler 4BTV + 30M
> vertical. I am very happy with my yellow box. I can't wait to take
> portable.
>
> 73, Bob K2QPN
>
>
>
>
>
>
> "It doesn't matter how big a ranch ya own, or how many cows ya
brand, the size of your funeral is still gonna depend on the weather."
> --Harry Truman
>

357. Re: Keyer problems - even with latest firmware

Yahoo group: pfr3_group
Date: 2008-08-22 00:17:01 UTC
From: Bert M. Thompson
Topic: 335 Message: 357

--- In pfr3_group@yahoogroups.com, "Bob" <g3yiq@...> wrote:
>
> --- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@> wrote:
> >
> > After getting new firmware I was able to program memory to send CQ. (It
> > took many trys) It sounds good when I just listen to the message, BUT
> > when I use it to key the rig it makes errors (not always the same
> > error) So I started using a Picokeyer. It works FB. I guess I'll
> > install it in the rig. 73 George/W2BPI
> > >
> > > Guys
> > >
> > > thanks for all the advice on the keyer.
> > >
> > > I'm making a lot of great QSOs with this rig and overall I'm
> > delighted
> > > with it but I really don't think much of the keyer - there are so
> > many
> > > good keyers out there I can't understand why this isn't one of them?
> > >
> > > Is there any chance of a future firmware upgrade to improve it, I
> > > wonder?
> > >
> > > 73 Bob G3YIQ
> > >
> >
> Hi George
>
> well, I'm glad it's not just me! I'll take a look at the Picokeyer, I
> may even install a K1EL keyer -it's what I'm used to - just need to
> see if I can find the space.
>
> 73 Bob G3YIQ
>
George, Bob,

I have been using a "picokeyer" for a year and like it. It fits in a small can and what not. I found that as I got better with the paddle I had to add the 50k linear pot which takes up room. I guess it could

be added with a knob sticking through the top. hi hi Anyway the external keyer has to be used in the "stright-key-mode" and limits a lot for functions. Also the keyer as you know has 4 memory slots, however, it's hard to hear which one has been selected hi hi. Good luck I thought I was the only one in the world who used the keyer!

HamradioBert kb3mhb 73

358. Re: group 3 some remarks, see photo album

Yahoo group: pfr3_group
Date: 2008-08-22 12:08:02 UTC
From: Bert M. Thompson
Topic: 352 Message: 358

--- In pfr3_group@yahoogroups.com, "Warnier jos" <on6wj@...> wrote:
>
> Hi Dieter
> I also put fuse 1 Amp + reverse polarity diode at "EXT input"
> see foto's
> another 2nd fuseholder (for the internal batterie) is glued on the
> bottom of enclosue
> have fun
> Josef
> ON6WJ
> maybe a 2x PFR3 QSO ?
> email on6wj@...
> Josef,

Great idea!! will add the fuse and diode now.. lighting sometimes strikes twice in the same place hi hi! Thanks for the great idea Bert M. Thompson kb3mhb.

359. Re: Drifting

Yahoo group: pfr3_group
Date: 2008-08-22 16:04:24 UTC
From: Dieter
Topic: 297 Message: 359

Hi, Larry,
How have you solved that problem? Was it man made or a serious fault?
72, Dieter dl2bqd

--- In pfr3_group@yahoogroups.com, "ab0ah" <ab0ah@...> wrote:
>
> When I start transmitting, the other stations have to start chasing
> after me. Has anyone else had this problem?...Larry
>

360. Re: Drifting

Yahoo group: pfr3_group
Date: 2008-08-22 16:49:10 UTC
From: w2bpi
Topic: 297 Message: 360

No drift problems here. George/W2bpi
>
> --- In pfr3_group@yahoogroups.com, "ab0ah" <ab0ah@> wrote:
> >
> > When I start transmitting, the other stations have to start chasing
> > after me. Has anyone else had this problem?...Larry
> >
>

361. PFR-3 sked on Sunday August 24

Yahoo group: pfr3_group
Date: 2008-08-23 20:16:20 UTC
From: sm7bua
Topic: 361 Message: 361

Hello OMs

I would like to try to make QSOs with other owner of PFR-3 trx on 40 meters tomorrow, Sunday 24th.
I will call CQ PFR on 7028 kHz +-QRM at 14.00 UTC and hope there will be good condx for a QRP contact.
I am using G5RV antenna on 40 meters.

So hpe to see you at 14.00 UTC on 7028 kHz.

73 de SM7BUA Mats

362. Re: [pfr3_group] PFR-3 sked on Sunday August 24

Yahoo group: pfr3_group
Date: 2008-08-24 14:18:59 UTC
From: Dieter Klaschka
Topic: 361 Message: 362

Mats,
I am just listening and cpied the first and second over with SM0GNS/p.
He is 569 here in JO73 north of Berlin nr SP land. I can not get a faint trace of your sig, sometimes there I have a faint idea that there must be sth., hi.
Anyway it was worth listening.
GL pfr-3
72, Dieter dl2bqd
----- Original Message -----
From: sm7bua
To: pfr3_group@yahoogroups.com
Sent: Saturday, August 23, 2008 10:16 PM
Subject: [pfr3_group] PFR-3 sked on Sunday August 24

Hello OMs

I would like to try to make QSOs with other owner of PFR-3 trx on 40 meters tomorrow, Sunday 24th.
I will call CQ PFR on 7028 kHz +-QRM at 14.00 UTC and hope there will be good condx for a QRP contact.
I am using G5RV antenna on 40 meters.

So hpe to see you at 14.00 UTC on 7028 kHz.

73 de SM7BUA Mats

363. Re: [pfr3_group] PFR-3 sked on Sunday August 24

Yahoo group: pfr3_group
Date: 2008-08-24 15:02:58 UTC
From: Mats Gunnarsson
Topic: 361 Message: 363

Hello Dieter

Tnx for ur report of our QSO. Peder SM0GNS ended with 599 here in Ljungby, sorry you couldn´t copy my sigs. I got 599 from hi also.
Condx seems to be litle different..
Hope get you in my log soon!
73 de Mats SM7BUA

----- Original Message -----
From: Dieter Klaschka
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 24, 2008 4:18 PM
Subject: Re: [pfr3_group] PFR-3 sked on Sunday August 24

Mats,
I am just listening and cpied the first and second over with SM0GNS/p.
He is 569 here in JO73 north of Berlin nr SP land. I can not get a faint trace of your sig, sometimes there I have a faint idea that there must be sth., hi.
Anyway it was worth listening.
GL pfr-3
72, Dieter dl2bqd
----- Original Message -----
From: sm7bua
To: pfr3_group@yahoogroups.com
Sent: Saturday, August 23, 2008 10:16 PM
Subject: [pfr3_group] PFR-3 sked on Sunday August 24

Hello OMs

I would like to try to make QSOs with other owner of PFR-3 trx on 40 meters tomorrow, Sunday 24th.
I will call CQ PFR on 7028 kHz +-QRM at 14.00 UTC and hope there will be good condx for a QRP contact.
I am using G5RV antenna on 40 meters.

So hpe to see you at 14.00 UTC on 7028 kHz.

73 de SM7BUA Mats

364. Got My Yellow-Box

Yahoo group: pfr3_group
Date: 2008-08-27 09:20:46 UTC
From: Aaron
Topic: 364 Message: 364

Just received my PFR3 today! Managed to get through Group 2 assembly.
Oddly, I can hear the band (and band noise) better when I touch L1,
and nearly nothing if I don't. Does anyone know why this might be?

365. Re: [pfr3_group] Got My Yellow-Box

Yahoo group: pfr3_group
Date: 2008-08-27 16:41:29 UTC
From: Dieter Klaschka
Topic: 364 Message: 365

Aaron, Did you check for cold solder spots or forgotten parts?
Dieter
----- Original Message -----
From: Aaron
To: pfr3_group@yahoogroups.com
Sent: Wednesday, August 27, 2008 11:20 AM
Subject: [pfr3_group] Got My Yellow-Box

Just received my PFR3 today! Managed to get through Group 2 assembly.
Oddly, I can hear the band (and band noise) better when I touch L1,
and nearly nothing if I don't. Does anyone know why this might be?

366. Re: Got My Yellow-Box

Yahoo group: pfr3_group
Date: 2008-08-27 20:09:16 UTC
From: rkavampsev@aol.com
Topic: 364 Message: 366

Hi Aaron
yep that sounds about right i spent days wondering why, but then i completed the rest and put an aerial on the coax input and yes it is a lot lower, so i put a ssig geny on the input and i could hear 1/4 uv ok. i think it is that fact that the bandwidth of the box is so narrow and therefore the background noise is so quiet it deceives you. i did rewind t1 to be the same as L1 and tapped it at 5 turns removed the 150 PF in series with C1 (i think) and that made the RX tuning better .
hope that helps
Roy
GM4VKI

367. Using scope for alignment

Yahoo group: pfr3_group
Date: 2008-08-28 00:21:31 UTC
From: w2bpi
Topic: 367 Message: 367

Picked up an old Heathkit model 108-18 scope today. I don't know anything about using it. Could someone tell me how to set it up and use it to align my PFR3. Realize this could be lengthly so it might be best to e-mail me direct. Thank You George/W2BPI

368. The Yellow Box Rocks

Yahoo group: pfr3_group
Date: 2008-08-28 01:13:49 UTC
From: n3ham1
Topic: 368 Message: 368

I did a little State Park portable today with my Yellow Box and Black Widow crappie pole vertical and snagged some DX from southeastern Pa on 20m. Love it.
72, Jerry N3HAM

369. Re: [pfr3_group] Using scope for alignment

Yahoo group: pfr3_group
Date: 2008-08-28 02:18:27 UTC
From: Paul Playford
Topic: 367 Message: 369

My PFR-3 did not require alignment.

There are many resources on the internet that can help you learn how to use your scope.

I suggest starting with a google search for Tektronix and after that Agilent.

de Paul, W8AEF

ZF2JL/ZF2TA FO8DX/FO8PLA 8Q7AA XZ0A VU7RG TX5C

----- Original Message -----
From: "w2bpi" <w2bpi1@...>
To: <pfr3_group@yahoogroups.com>
Sent: Thursday, August 28, 2008 12:21 AM
Subject: [-] [pfr3_group] Using scope for alignment

> Picked up an old Heathkit model 108-18 scope today. I don't know
> anything about using it. Could someone tell me how to set it up and use
> it to align my PFR3. Realize this could be lengthly so it might be best
> to e-mail me direct. Thank You George/W2BPI
>

370. Popular Scholarship Programs

Yahoo group: pfr3_group
Date: 2008-08-28 04:21:49 UTC
From: gabriel_federer2001
Topic: 370 Message: 370

There are several scholarship programs that help us go for higher studies leaving behind all the financial worries.

The website http://www.scholarshiponnet.com lists out all the popular scholarship programs available globally and guides us through the application process to fulfill the dream of furthering our academic interests.

Visit the website to find out the scholarship program that will suit you the best: http://www.scholarshiponnet.com

372. Re: Got My Yellow-Box

Yahoo group: pfr3_group
Date: 2008-08-28 18:14:46 UTC
From: alanandcorin
Topic: 364 Message: 372

Aaron,

Got my PFR3 yesterday, Aug 27. I didn't quite get through the group 2 assembly because there was a kitting error. It seems there should have been six 150 pF NPO capacitors sent, however I only received one. The other five were labeled 150, but that's a value of 15 pF, not 150 pF. I measured the capacitance and sure enough they were 15 pF. Check your kit. C8, 9, 10 and 79 should be 150 pF caps marked 151.

Alan

--- In pfr3_group@yahoogroups.com, "Aaron" <zefram47@...> wrote:
>
> Just received my PFR3 today! Managed to get through Group 2 assembly.
> Oddly, I can hear the band (and band noise) better when I touch L1,
> and nearly nothing if I don't. Does anyone know why this might be?
>

373. Re: Got My Yellow-Box

Yahoo group: pfr3_group
Date: 2008-08-29 07:59:16 UTC
From: Aaron
Topic: 364 Message: 373

Thanks Alan,

That may well be part of my problem. I seem to recall having 3 that were labeled 150 and 3 with 151, and I didn't think anything of it, as I'm not too familiar with the labeling format of capacitors. I'd need to pull it apart again to double check on the number of each.

I finished the rest of the construction but now find that the BLT doesn't seem to work, and using balanced line 'slinky' dipole I have to use the antenna switch in the end-fed (grounded) mode and the BLT/Coax switch on the Coax mode to hear anything on the band. That said, in Coax / grounded mode, I can hear things relatively okay, but generally QRN seems to be within 1-2S units of transmissions.

These issues also might be related to incorrect caps. Guess I need to look into getting the correct parts.

-- Aaron

--- In pfr3_group@yahoogroups.com, "alanandcorin" <alan@...> wrote:
>
> Aaron,
>
> Got my PFR3 yesterday, Aug 27. I didn't quite get through the group 2
> assembly because there was a kitting error. It seems there should
> have been six 150 pF NPO capacitors sent, however I only received one.
> The other five were labeled 150, but that's a value of 15 pF, not 150
> pF. I measured the capacitance and sure enough they were 15 pF. Check
> your kit. C8, 9, 10 and 79 should be 150 pF caps marked 151.
>
> Alan
>
> --- In pfr3_group@yahoogroups.com, "Aaron" <zefram47@> wrote:
> >
> > Just received my PFR3 today! Managed to get through Group 2 assembly.
> > Oddly, I can hear the band (and band noise) better when I touch L1,
> > and nearly nothing if I don't. Does anyone know why this might be?
> >
>

374. Re: Got My Yellow-Box

Yahoo group: pfr3_group
Date: 2008-08-29 08:03:33 UTC
From: Aaron
Topic: 364 Message: 374

I should also mention that several of my caps were blue instead of yellow, and I believe the 151/150s were in that group, as were a few others. Not sure if this makes a difference.

-- Aaron

--- In pfr3_group@yahoogroups.com, "Aaron" <zefram47@...> wrote:
>
> Thanks Alan,
>
> That may well be part of my problem. I seem to recall having 3 that
> were labeled 150 and 3 with 151, and I didn't think anything of it, as
> I'm not too familiar with the labeling format of capacitors. I'd need
> to pull it apart again to double check on the number of each.
>
>
> I finished the rest of the construction but now find that the BLT
> doesn't seem to work, and using balanced line 'slinky' dipole I have
> to use the antenna switch in the end-fed (grounded) mode and the
> BLT/Coax switch on the Coax mode to hear anything on the band. That
> said, in Coax / grounded mode, I can hear things relatively okay, but
> generally QRN seems to be within 1-2S units of transmissions.
>
> These issues also might be related to incorrect caps. Guess I need to
> look into getting the correct parts.
>
>
> -- Aaron
>
>
>
> --- In pfr3_group@yahoogroups.com, "alanandcorin" <alan@> wrote:
> >
> > Aaron,
> >
> > Got my PFR3 yesterday, Aug 27. I didn't quite get through the group 2
> > assembly because there was a kitting error. It seems there should
> > have been six 150 pF NPO capacitors sent, however I only received one.
> > The other five were labeled 150, but that's a value of 15 pF, not 150
> > pF. I measured the capacitance and sure enough they were 15 pF. Check
> > your kit. C8, 9, 10 and 79 should be 150 pF caps marked 151.
> >
> > Alan
> >
> > --- In pfr3_group@yahoogroups.com, "Aaron" <zefram47@> wrote:

> > >
> > > Just received my PFR3 today! Managed to get through Group 2
assembly.
> > > Oddly, I can hear the band (and band noise) better when I touch L1,
> > > and nearly nothing if I don't. Does anyone know why this might be?
> > >
> >
>

375. Re: [pfr3_group] Re: Got My Yellow-Box

Yahoo group: pfr3_group
Date: 2008-08-29 08:32:58 UTC
From: Dieter Klaschka
Topic: 364 Message: 375

Dear Aaron,
Good preparation avoids a lot of frustration.
When you have a look at my pics album you see a simple L-C-meter which is worth an investment for further projects. Indeed!
A good idea is to put all parts into a copied parts list - you will quickly find out wrong quantities...faulty marks...
72, Dieter dl2bqd
----- Original Message -----
From: Aaron
To: pfr3_group@yahoogroups.com
Sent: Friday, August 29, 2008 10:03 AM
Subject: [pfr3_group] Re: Got My Yellow-Box

I should also mention that several of my caps were blue instead of
yellow, and I believe the 151/150s were in that group, as were a few
others. Not sure if this makes a difference.

-- Aaron

--- In pfr3_group@yahoogroups.com, "Aaron" <zefram47@...> wrote:
>
> Thanks Alan,
>
> That may well be part of my problem. I seem to recall having 3 that
> were labeled 150 and 3 with 151, and I didn't think anything of it, as
> I'm not too familiar with the labeling format of capacitors. I'd need
> to pull it apart again to double check on the number of each.
>
>
> I finished the rest of the construction but now find that the BLT
> doesn't seem to work, and using balanced line 'slinky' dipole I have
> to use the antenna switch in the end-fed (grounded) mode and the
> BLT/Coax switch on the Coax mode to hear anything on the band. That
> said, in Coax / grounded mode, I can hear things relatively okay, but
> generally QRN seems to be within 1-2S units of transmissions.
>
> These issues also might be related to incorrect caps. Guess I need to
> look into getting the correct parts.
>
>
> -- Aaron
>
>
>
> --- In pfr3_group@yahoogroups.com, "alanandcorin" <alan@> wrote:
> >

> > Aaron,
> >
> > Got my PFR3 yesterday, Aug 27. I didn't quite get through the group 2
> > assembly because there was a kitting error. It seems there should
> > have been six 150 pF NPO capacitors sent, however I only received one.
> > The other five were labeled 150, but that's a value of 15 pF, not 150
> > pF. I measured the capacitance and sure enough they were 15 pF. Check
> > your kit. C8, 9, 10 and 79 should be 150 pF caps marked 151.
> >
> > Alan
> >
> > --- In pfr3_group@yahoogroups.com, "Aaron" <zefram47@> wrote:
> > >
> > > Just received my PFR3 today! Managed to get through Group 2
assembly.
> > > Oddly, I can hear the band (and band noise) better when I touch L1,
> > > and nearly nothing if I don't. Does anyone know why this might be?
> > >
> >
>

376. ...need a TK-11690 Voltage regulator.....

Yahoo group: pfr3_group
Date: 2008-08-29 09:38:20 UTC
From: kg4nzp
Topic: 376 Message: 376

Hallo friends:
I need a TK11690 9 volt voltage regulator..in a (TO-92)
case...I looking for it...and they said that it,s obsolette... I can
use also similar thing...
thanking very much for a kind answer.,
best 73 from KG4nZP

jose alberto nava
josen2000@...

Thanking very much

377. Re: Got My Yellow-Box

Yahoo group: pfr3_group
Date: 2008-08-29 16:04:55 UTC
From: alanandcorin
Topic: 364 Message: 377

I too noticed that some of the capacitors were different colors. In general this is a difficult thing for Doug to keep up-to-date and in this particular case the blue caps (COG ceramic) are what's required. I'd be curious to know how well your rig works with the 150 pF capacitors. Perhaps Doug can identify builders who received kits with the same incorrectly components and potentially save some frustration.

73,
Alan

--- In pfr3_group@yahoogroups.com, "Aaron" <zefram47@...> wrote:
>
> I should also mention that several of my caps were blue instead of
> yellow, and I believe the 151/150s were in that group, as were a few
> others. Not sure if this makes a difference.
>
> -- Aaron
>
>
> --- In pfr3_group@yahoogroups.com, "Aaron" <zefram47@> wrote:
> >
> > Thanks Alan,
> >
> > That may well be part of my problem. I seem to recall having 3 that
> > were labeled 150 and 3 with 151, and I didn't think anything of it, as
> > I'm not too familiar with the labeling format of capacitors. I'd need
> > to pull it apart again to double check on the number of each.
> >
> >
> > I finished the rest of the construction but now find that the BLT
> > doesn't seem to work, and using balanced line 'slinky' dipole I have
> > to use the antenna switch in the end-fed (grounded) mode and the
> > BLT/Coax switch on the Coax mode to hear anything on the band. That
> > said, in Coax / grounded mode, I can hear things relatively okay, but
> > generally QRN seems to be within 1-2S units of transmissions.
> >
> > These issues also might be related to incorrect caps. Guess I need to
> > look into getting the correct parts.
> >
> >
> > -- Aaron
> >
> >
> >
> > --- In pfr3_group@yahoogroups.com, "alanandcorin" <alan@> wrote:

> > >
> > > Aaron,
> > >
> > > Got my PFR3 yesterday, Aug 27. I didn't quite get through the
group 2
> > > assembly because there was a kitting error. It seems there should
> > > have been six 150 pF NPO capacitors sent, however I only
received one.
> > > The other five were labeled 150, but that's a value of 15 pF,
not 150
> > > pF. I measured the capacitance and sure enough they were 15 pF.
Check
> > > your kit. C8, 9, 10 and 79 should be 150 pF caps marked 151.
> > >
> > > Alan
> > >
> > > --- In pfr3_group@yahoogroups.com, "Aaron" <zefram47@> wrote:
> > > >
> > > > Just received my PFR3 today! Managed to get through Group 2
> assembly.
> > > > Oddly, I can hear the band (and band noise) better when I
touch L1,
> > > > and nearly nothing if I don't. Does anyone know why this
might be?
> > > >
> > >
> >
>

378. Got My Yellow Box

Yahoo group: pfr3_group
Date: 2008-08-30 10:02:07 UTC
From: w3bboqrp
Topic: 378 Message: 378

Received the kit in yesterday's mail and finished the group 1 assembly. (Works great). Started to stage the components for the next step and, like others, have the wrong 150 pf capacitors. I received four 15 pf and two 150 pf "blue" capacitors.

I do have the 150 pf "yellow" ones in my junkbox. Any problem using these? Curious to know the difference between the blue and yellow capacitors...anyone know?

Thanks,
Bob W3BBO

379. First Contact with PFR3!!

Yahoo group: pfr3_group
Date: 2008-08-31 00:18:08 UTC
From: Mecsr
Topic: 379 Message: 379

Well, PFR3 made it back from Steve's repair shop. Fired it up on 40m and after some CQing made a contact with Ervin, W4WGK in Baraboo,WI (now there's a town that will make you send ..--.. several times!!) not a bad contact using 5 watts from Pendleton,OR. Haven't checked yet to see if he was a SKCC member or not, that would make it even nicer. I was glad to hear that I hadn't botched the build to bad, had a solder bridge that 68 year old eyes couldn't see, and had T2 wired wrong. This is a real kewl Radio so far and look forward to many more contacts using it.

Mecsr MikeSr AB7OC

"No computer needed to play the QRP Game!!"
SKCC #060

380. Re: First Contact with PFR3!!

Yahoo group: pfr3_group
Date: 2008-08-31 00:58:33 UTC
From: J.-P. Couture
Topic: 379 Message: 380

Congrats.

Wish you lot of contacts to come.

72 73

Pete VA2SG--- In pfr3_group@yahoogroups.com, "Mecsr" <mecsr@...> wrote:
>
> Well, PFR3 made it back from Steve's repair shop. Fired it up on 40m
> and after some CQing made a contact with Ervin, W4WGK in Baraboo,WI
> (now there's a town that will make you send ..--.. several times!!)
> not a bad contact using 5 watts from Pendleton,OR. Haven't checked
yet
> to see if he was a SKCC member or not, that would make it even nicer.
> I was glad to hear that I hadn't botched the build to bad, had a
> solder bridge that 68 year old eyes couldn't see, and had T2 wired
> wrong. This is a real kewl Radio so far and look forward to many more
> contacts using it.
>
> Mecsr MikeSr AB7OC
>
> "No computer needed to play the QRP Game!!"
> SKCC #060
>

381. Hendricks Response?

Yahoo group: pfr3_group
Date: 2008-08-31 14:33:19 UTC
From: w3bboqrp
Topic: 381 Message: 381

I know Labor Day weekend is a busy time for everyone, but finding you have the wrong components is frustrating. I emailed Doug on Friday that I was one of a group of people that received the wrong 150 pf capacitors.

Unfortunately, that email has not received a reply. Should I expect a reply, or will the correct capacitors just show up in the mailbox?

Guess I've been spoiled by my Elecraft experiences. If I knew my email was received and being acted upon, I could rest easier. The PFR-3 looks like a great kit and I guess I'm anxious to hear it in action!

Thanks,
Bob W3BBO

382. Re: [pfr3_group] Hendricks Response?

Yahoo group: pfr3_group
Date: 2008-08-31 18:15:45 UTC
From: ki6ds@dospalos.org
Topic: 381 Message: 382

Bob and others. I have been very busy this week. I teach full time, and I have family obligations. I try to check email daily, but it doesn't always get done. I don't have a staff of 30 people like Elecraft, my company is me. I don't have Elecraft prices either.

Of course I will be sending out the missing capacitors. I checked the bag, and they were marked 150 pf caps, but they were 15 pf caps, didn't know it until I sent the kits out and people reported it. I will be getting all of the wrong caps shipped on Tuesday. My policy is that I replace any part for the life of the kit. If it is my fault, I pay the postage, if it is your fault, you pay the postage.

I apologize for not getting back to you sooner, but I did not get to my email for 3 days. 72, Doug

> I know Labor Day weekend is a busy time for everyone, but finding you
> have the wrong components is frustrating. I emailed Doug on Friday
> that I was one of a group of people that received the wrong 150 pf
> capacitors.
>
> Unfortunately, that email has not received a reply. Should I expect a
> reply, or will the correct capacitors just show up in the mailbox?
>
> Guess I've been spoiled by my Elecraft experiences. If I knew my
> email was received and being acted upon, I could rest easier. The
> PFR-3 looks like a great kit and I guess I'm anxious to hear it in action!
>
> Thanks,
> Bob W3BBO
>
>

383. Re: [pfr3_group] Hendricks Response?

Yahoo group: pfr3_group
Date: 2008-08-31 18:47:07 UTC
From: Robert REISENWEBER
Topic: 381 Message: 383

Thanks for the reply and information, Doug.

I was just afraid that my email may have gone astray, and with it being a holiday weekend, I would lose more time in finishing this kit. I can certainly appreciate your situation, and want to compliment you on providing the QRP community with some excellent kits.

73 Doug, enjoy the holiday.
Bob W3BBO

----- Original Message -----
From: ki6ds@...<mailto:ki6ds@...>
To: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>
Sent: Sunday, August 31, 2008 2:15 PM
Subject: Re: [pfr3_group] Hendricks Response?

Bob and others. I have been very busy this week. I teach full time, and I have family obligations. I try to check email daily, but it doesn't always get done. I don't have a staff of 30 people like Elecraft, my company is me. I don't have Elecraft prices either.

Of course I will be sending out the missing capacitors. I checked the bag, and they were marked 150 pf caps, but they were 15 pf caps, didn't know it until I sent the kits out and people reported it. I will be getting all of the wrong caps shipped on Tuesday. My policy is that I replace any part for the life of the kit. If it is my fault, I pay the postage, if it is your fault, you pay the postage.

I apologize for not getting back to you sooner, but I did not get to my email for 3 days. 72, Doug

> I know Labor Day weekend is a busy time for everyone, but finding you
> have the wrong components is frustrating. I emailed Doug on Friday
> that I was one of a group of people that received the wrong 150 pf
> capacitors.
>
> Unfortunately, that email has not received a reply. Should I expect a
> reply, or will the correct capacitors just show up in the mailbox?
>
> Guess I've been spoiled by my Elecraft experiences. If I knew my
> email was received and being acted upon, I could rest easier. The
> PFR-3 looks like a great kit and I guess I'm anxious to hear it in action!
>
> Thanks,
> Bob W3BBO
>
>

384. ssb rec with the pfr3

Yahoo group: pfr3_group
Date: 2008-08-31 20:25:03 UTC
From: merlinrail
Topic: 384 Message: 384

I just love my PFR3 cant keep away from it, and it has followed me about in the car etc, however the other day i wanted to listen to the news report on 40 metres whilst i was away from the main rec. but due to the very selective bandwidth it was not copyable . So i decided to play with the cct when i got home. I downloaded a similar cct from the KX1 and found that they have varactors to earth across the xtal filter fed by a 100k pot instead of 150pf caps so not having any correct capacitors i used 1n1004 fed via 10k resistors, the result wasnt spectacular however it opened the bandwith out for enough to copy SSB,and with the pot adjustable i could bring the bandwidth back to cw width, I will experiment further however if you down load the KX1 CCT dia you will see what i mean .
have fun
GM4VKI
Roy

385. question and comments as I near completion

Yahoo group: pfr3_group
Date: 2008-08-31 23:34:38 UTC
From: kf6pqt
Topic: 385 Message: 385

I'm taking an air-conditioning break before I head back out to the sweatshop, er, garage, and finish the back panel wiring of my PFR3.

The receiver works, and the tx puts out full power, but I won't know if the BLT works until I try it out.

I've successfully built a lot of kits, and a had a lot of fun doing so, but let me just say that winding and installing T3 on this kit was pretty darn aggravating. This coming from someone who has no aversion to winding toroids.

The instructions for this step need to be re-written. I unwound the mess that I made following them, came in, and reverse engineered how to wind it from looking at pictures on the group site.

Now that the windings have changed from the original design, I would hope for the sake of future customers that the PCB is revised accordingly, so that everything lines up once again.

Enough about that.

About this 12.0 volt supply thing... If I don't care in the least if I'm putting out 5.5 or 6.0 watts, whats the maximum safe voltage for this radio?

Thanks and 73,
Jason kf6pqt

--
--... ...--
http://en.wikipedia.org/wiki/Junk_box
http://kf6pqt.net
http://www.flickr.com/photos/kf6pqt/

386. paddle problems?

Yahoo group: pfr3_group
Date: 2008-09-01 03:10:03 UTC
From: kf6pqt
Topic: 386 Message: 386

My pfr-3 is complete! I haven't had a chance to try it on the air
yet, as until I quit for the day, I was back in the garage fighting
with the (pfr-3) paddles.

Now, I've done my due diligence and searched the archives before asking...

Has anybody had my same experience where the the stereo plug refuses
to thread into the paddle body? I've tried to chase the threads on the
body, thinking that there may be some flash from the anodizing that
got in there, but I've come to the conclusion that the body was cut
for one thread size, and the stereo plug another. What gives?

Forcing it doesn't seem to help either! ;)

73
--
--... ...--
http://en.wikipedia.org/wiki/Junk_box
http://kf6pqt.net
http://www.flickr.com/photos/kf6pqt/

387. Re: [pfr3_group] paddle problems?

Yahoo group: pfr3_group
Date: 2008-09-01 03:15:42 UTC
From: Bob Nelson
Topic: 386 Message: 387

I had no trouble building my paddles.

73 (Best Regards),

Bob Nelson K2QPN
k2qpn@...
www.k2qpn.ham-radio-op.net (http://www.k2qpn.ham-radio-op.net)

Secretary - Burlington County Radio Club
Member - Frankford Radio Club

kf6pqt wrote:

My pfr-3 is complete! I haven't had a chance to try it on the air
yet, as until I quit for the day, I was back in the garage fighting
with the (pfr-3) paddles.

Now, I've done my due diligence and searched the archives before asking...

Has anybody had my same experience where the the stereo plug refuses
to thread into the paddle body? I've tried to chase the threads on the
body, thinking that there may be some flash from the anodizing that
got in there, but I've come to the conclusion that the body was cut
for one thread size, and the stereo plug another. What gives?

Forcing it doesn't seem to help either! ;)

73
--
--... ...--
http://en.wikipedia.org/wiki/Junk_box
http://kf6pqt.net
http://www.flickr.com/photos/kf6pqt/

388. Pse. check 150pf caps in kit

Yahoo group: pfr3_group
Date: 2008-09-01 05:24:03 UTC
From: ki6ds@dospalos.org
Topic: 386 Message: 388

I got a bag of mismarked caps and inadvertantly put them in a few pfr-3 kits. Please check your kit and please count the 150pF caps in your kit. They should be blue and marked 151. If you have blue caps marked 150, don't use them as they are 15 pf not 150 pf. Send me an email with your address in the following form so I can cut and paste it.

Your Name
Your Street
City, State Zip

Thanks Doug and I apologize for the error. 72, Doug

389. pfr-3 paddles update

Yahoo group: pfr3_group
Date: 2008-09-01 21:00:43 UTC
From: kf6pqt
Topic: 389 Message: 389

I chased the threads on both the jack, and the paddle body with
5/16"-24 tap and die, and now they thread together like butter.

73,
Jason kf6pqt

--
--... ...--
http://en.wikipedia.org/wiki/Junk_box
http://kf6pqt.net
http://www.flickr.com/photos/kf6pqt/

390. 1st qso!

Yahoo group: pfr3_group
Date: 2008-09-02 06:14:00 UTC
From: kf6pqt
Topic: 390 Message: 390

Despite my earlier construction troubles, despite my being a cw newbie, despite being a qrp semi-non-believer*, ;) ,despite never using paddles in a qso before, despite deciding today that all my prior experience with paddles has been BACKWARDS, (I'm right handed and had been using my thumb for dahs instead of dits) I successfully had a qso on 40m with W7GXL in Arizona using my completed PFR-3 this evening!!!

In case anyone is interested in my impressions:

I am having the funny issue with the occasional missed dit, that I assume is the first-gen firmware issue. But my sending is such that we can pass that off as my fault, and not the radio's. ;) I'm taking this thing camping in two weeks, so I'm going to stick with the dot-less firmware level until I get back home.

I'm pretty happy with the radio. Kit-wise, it was on the difficult side at times during assembly, namely T3 as I mentioned earlier. I had to supply about 4 or 5 of my own caps, and a couple of washers, but thats ok because I got two extra red toroids for future projects, so I'm calling that even. ;)

If you couldn't tell, I have a very, very early version of the kit, I ordered it the first day it was available.

I like using the radio. If its just on and I'm listening to it casually, I'll plug a computer speaker in to it, but if I'm actually sending, I'll use headphones. I wish it could drive a speaker on its own, but I like the fact that I won't run the risk of ruptured eardrums! It sounds good.

I like the action of the paddles, but recall I'm a total newbie. I have some other paddles that others have homebrewed, but the pfr paddles seem the nicest that I presently own. Even though I run the radio off my shack supply, I still put batteries in it to make it sit still while using the paddles. I too winced at the price when I ordered them, but as someone with a toy lathe and a toy mill, I immediately recognized that the machined pieces of the paddle, though simple, are in fact time consuming to produce. I think the anodizing could have been skipped, I would have just polished the bare aluminum a bit. Perhaps others aren't as fond of bare aluminum as I am. Or as cheap. ;)

I'm not missing any vfo knob at all. The buttons do fine, and I find the direct-entry to be quite the novelty.

I still have yet to try out the BLT section. On 40 I use my 80m inverted vee fed with ladder line to a Johnson Matchbox. I'll probably try cutting out the middle man and loading up the antenna directly with the BLT. We'll see if that'll do 30 as well. I also have a "back up" coax-fed inverted vee for 20m.

*I'm shocked and amazed by an interstate qso on 5w in the summer with absolutely no sunspots. ;)

73,
Jason kf6pqt
--
--... ...--
http://en.wikipedia.org/wiki/Junk_box
http://kf6pqt.net
http://www.flickr.com/photos/kf6pqt/

391. Re:1st qso!

Yahoo group: pfr3_group
Date: 2008-09-02 13:20:08 UTC
From: Bob Jones
Topic: 390 Message: 391

Jason

congratulations on the first QSO.

I've been a CW operator for nearly 40 years and have used all kinds of key/keyer. The PFR-3s keyer is the most difficult I've every used by far and I also miss the odd 'dit' - despite having the latest chip.

I hope a fix is on its way. Otherwise, it's a very nice little rig.

73 Bob G3YIQ

392. Re: New Kit Guarantee from Hendricks QRP Kits (you will like this!)

Yahoo group: pfr3_group
Date: 2008-09-04 18:29:59 UTC
From: Bert M. Thompson
Topic: 22 Message: 392

--- In pfr3_group@yahoogroups.com, "Bert M. Thompson" <bertthompson@...> wrote:
>
> --- In pfr3_group@yahoogroups.com, "KI6DS" <ki6ds@> wrote:
> >
> > Effective immediately:
> >
> > Hendricks QRP Kits Warranty Policy
> >
> >
> > Hendricks QRP Kits strives to offer the best quality, affordable,
> kits
> > available in today's market and make your kit project a complete
> > success. We have confidence in the quality of our designs and in the
> > performance of our components. In keeping with this tradition, we
> will
> > replace any electronic component, for the life of the product, for
> any
> > reason. If you lose, damage, burn out, or install a component in
> > error, that requires a replacement, simply contact us, pay the
> postage
> > or shipping, and we will replace it. This is in addition to our
> > previous practice of replacing any component missing from our kits,
> > shipped first class mail, free.
> >
> > This guarantee does not cover case parts.
> >
> > To our knowledge, no amateur radio company offers this comprehensive
> > policy.
> >
> > Doug Hendricks
> >Doug,
>
> Well love the kit and have made many contacts, however, we had a
> lighting strike which took out our neighbor house and damaged our
> cable spliter. Now I find I can not transmitte ... I think that the
> three front end transistor are not working. I have in a clame with
> state farm .. and would like to get my pfr-3 back on the air. Bert M.
> Thompson kb3mhb 73. I think it will have to be sent to Steve Weber??
>
> thanks again kb3mhb
>
Doug,

I'm in Denver wid our 2nd new grand daughter and will be back home on Sept. 6. Before I left Md. I carefully removed the mosfets and all had failed in a different way .. as

measured
with my "dvm". So they will have to be replaced when I return. I know your busy with other demands also. Thanks for listening .. also read in "qst" abt ur 49 meter ssb .

393. Re: Got My Yellow Box

Yahoo group: pfr3_group
Date: 2008-09-04 22:03:07 UTC
From: alanandcorin
Topic: 378 Message: 393

Do the caps say NPO or COG? Is there a double underline underneath
the 151?? If not, they will surely do for now but you might want to
change them out later with more stable capacitors.

Cheers,
Alan

--- In pfr3_group@yahoogroups.com, "w3bboqrp" <w3bbo1@...> wrote:
>
> Received the kit in yesterday's mail and finished the group 1 assembly.
> (Works great). Started to stage the components for the next step and,
> like others, have the wrong 150 pf capacitors. I received four 15 pf
> and two 150 pf "blue" capacitors.
>
> I do have the 150 pf "yellow" ones in my junkbox. Any problem using
> these? Curious to know the difference between the blue and yellow
> capacitors...anyone know?
>
> Thanks,
> Bob W3BBO
>

394. Re: question and comments as I near completion

Yahoo group: pfr3_group
Date: 2008-09-04 22:06:58 UTC
From: alanandcorin
Topic: 385 Message: 394

Jason,

Not sure about your question. Do you want to know that maximum safe
input voltage for the rig?

Cheers,
Alan

--- In pfr3_group@yahoogroups.com, kf6pqt <kf6pqt@...> wrote:
>
> I'm taking an air-conditioning break before I head back out to the
> sweatshop, er, garage, and finish the back panel wiring of my PFR3.
>
> The receiver works, and the tx puts out full power, but I won't know
> if the BLT works until I try it out.
>
> I've successfully built a lot of kits, and a had a lot of fun doing
> so, but let me just say that winding and installing T3 on this kit was
> pretty darn aggravating. This coming from someone who has no aversion
> to winding toroids.
>
> The instructions for this step need to be re-written. I unwound the
> mess that I made following them, came in, and reverse engineered how
> to wind it from looking at pictures on the group site.
>
> Now that the windings have changed from the original design, I would
> hope for the sake of future customers that the PCB is revised
> accordingly, so that everything lines up once again.
>
> Enough about that.
>
> About this 12.0 volt supply thing... If I don't care in the least if
> I'm putting out 5.5 or 6.0 watts, whats the maximum safe voltage for
> this radio?
>
> Thanks and 73,
> Jason kf6pqt
>
> --
> --... ...--
> http://en.wikipedia.org/wiki/Junk_box
> http://kf6pqt.net
> http://www.flickr.com/photos/kf6pqt/
>

395. Re: Got My Yellow Box

Yahoo group: pfr3_group
Date: 2008-09-05 10:17:03 UTC
From: w3bboqrp
Topic: 378 Message: 395

--- In pfr3_group@yahoogroups.com, "alanandcorin" <alan@...> wrote:
>
> Do the caps say NPO or COG? Is there a double underline underneath
> the 151?? If not, they will surely do for now but you might want to
> change them out later with more stable capacitors.
>
> Cheers,
> Alan
>
> --- In pfr3_group@yahoogroups.com, "w3bboqrp" <w3bbo1@> wrote:
> >
> > Received the kit in yesterday's mail and finished the group 1
assembly.
> > (Works great). Started to stage the components for the next step
and,
> > like others, have the wrong 150 pf capacitors. I received four 15 pf
> > and two 150 pf "blue" capacitors.
> >
> > I do have the 150 pf "yellow" ones in my junkbox. Any problem using
> > these? Curious to know the difference between the blue and yellow
> > capacitors...anyone know?
> >
> > Thanks,
> > Bob W3BBO
> >
>
Thanks for the reply, Alan. The ones in hand are NPO. Doug was
sending the correct COG blue capacitors and they should be here shortly.

73 de Bob W3BBO

396. Re: question now that its completed

Yahoo group: pfr3_group
Date: 2008-09-05 14:12:49 UTC
From: kf6pqt
Topic: 396 Message: 396

Yes, what is it?

Thanks and 73,
Jason kf6pqt

Re: question and comments as I near completion
Posted by: "alanandcorin" alan@...-ip.com alanandcorin
Thu Sep 4, 2008 3:07 pm (PDT)
Jason,

Not sure about your question. Do you want to know that maximum safe
input voltage for the rig?

Cheers,
Alan

--
--... ...--
http://en.wikipedia.org/wiki/Junk_box
http://kf6pqt.net
http://www.flickr.com/photos/kf6pqt/

397. Re: question now that its completed

Yahoo group: pfr3_group
Date: 2008-09-05 16:58:21 UTC
From: alanandcorin
Topic: 396 Message: 397

A quick review of the schematic shows a 3.5V linear regulator, U10. The maximum safe input voltage is 16V. The other regulators, U9 and U5 can handle up to 30V input. HOWEVER, this is only true if the maximum power dissipation for each regulator does not exceed its maximum power rating. So you would need to know the voltage drop across each regulator (input vs output voltage of the regulator) and multiply this by the current passing through each regulator. This will give you the power dissipation. This value should be checked against the datasheet.

The other limiting factor would be the TX output stage. It would take more analysis to say exactly which component would fail first, but I suspect the drain-source rating of Q5, Q7, Q8 and Q9 would be in jeopardy as well as the power dissipation and drain-source voltage rating of Q6.

Good luck, 73
Alan

--- In pfr3_group@yahoogroups.com, kf6pqt <kf6pqt@...> wrote:
>
> Yes, what is it?
>
> Thanks and 73,
> Jason kf6pqt
>
>
>
>
> Re: question and comments as I near completion
> Posted by: "alanandcorin" alan@... alanandcorin
> Thu Sep 4, 2008 3:07 pm (PDT)
> Jason,
>
> Not sure about your question. Do you want to know that maximum safe
> input voltage for the rig?
>
> Cheers,
> Alan
>
>
> --
> --... ...--
> http://en.wikipedia.org/wiki/Junk_box
> http://kf6pqt.net
> http://www.flickr.com/photos/kf6pqt/

>

398. Steve is going to be away

Yahoo group: pfr3_group
Date: 2008-09-05 18:13:30 UTC
From: n3ham1
Topic: 398 Message: 398

I just thought I should post this and save someone else the wait I had. According to his web site, Steve Weber KD1JV is going on a three to four week hike in Maine starting around September 8. So if you have an older chip you were thinking of sending in for re-programming, hold off. 72 Jerry N3HAM

399. OH Oh dropped it

Yahoo group: pfr3_group
Date: 2008-09-05 21:36:12 UTC
From: w2bpi
Topic: 399 Message: 399

Well it finally happened! While camping I dropped it about 5 feet. It servived without a mark and still works. Can't read freq. in bright sun. Can anything be done about this other than holding my hand to shade it. Nice feature is the color. In direct sun it does not get warm. My old TenTec (black) would get very hot with considerable drifting. Geo/W2BPI

400. Using BLT with coax fed

Yahoo group: pfr3_group
Date: 2008-09-06 00:03:41 UTC
From: J.-P. Couture
Topic: 400 Message: 400

Am I right? If a set the rear panel switch in the binding posts direction, I'll be able to use the BLT with an antenna connected on the rear panel coax output. Right?

401. Adjustable stand and drifting problem.

Yahoo group: pfr3_group
Date: 2008-09-06 16:20:47 UTC
From: ab0ah
Topic: 401 Message: 401

I let AD0CW use my PFR-3 a couple of times and both times he complained about the unit not setting at a comfortable position. So, I designed a simple adjustable stand and posted it to the "Photos" section.

I also posted a drifting problem (a month ago)after operating for 15 to 20 minutes. One person email me that they had the same problem and it went away when he had the FW upgraded. I sent the unit to Steve to upgraded, and my drifting problem went away also. I have not a clue as to why. 73 Larry

402. Kitting error

Yahoo group: pfr3_group
Date: 2008-09-06 17:32:08 UTC
From: gregmcgann
Topic: 402 Message: 402

I too had the same error with the 15 pF sent instead of the 150 pF, I have 2 which are marked 151, and 4 marked 150.
I have some Metallised Ceramic Plate Capacitors (disk shaped brown colour) marked 151J which might do the job?
They are not the resin dipped type, but the online documentation at maplin electronics says that 'values up to and including 220pF are suitable for temperature compensation in tuned circuits where low losses, close tolerance and high stability are required.'

Any thoughts on the subject? I may just have to wait for the parts to cross the Atlantic.

Greg
M3AYS

403. Re: [pfr3_group] Using BLT with coax fed

Yahoo group: pfr3_group
Date: 2008-09-06 18:49:16 UTC
From: Marc G0AZS
Topic: 400 Message: 403
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

404. Re: Using BLT with coax fed

Yahoo group: pfr3_group
Date: 2008-09-06 19:02:31 UTC
From: J.-P. Couture
Topic: 400 Message: 404

Yes thanks, I did try it and found out it works great. Made a couple contacts on the Buddistick and uploaded a picture in my album. So far so good.

72 73 Pete VA2SG

--- In pfr3_group@yahoogroups.com, "Marc G0AZS" <marc.g0azs@...> wrote:
>
> Yes... absolutely right.
> 73 Marc G0AZS
>
> 2008/9/6 J.-P. Couture <jpcouture68@...>
>
> > Am I right? If a set the rear panel switch in the binding posts
> > direction, I'll be able to use the BLT with an antenna connected on
> > the rear panel coax output. Right?
> >
> >
> >
>

405. Re: Using BLT with coax fed

Yahoo group: pfr3_group
Date: 2008-09-06 23:52:28 UTC
From: J.-P. Couture
Topic: 400 Message: 405

Just made first "yellow" DX on 30, EG1SDC and PA0O with PFR3 and Buddistick.

The damn thing kicks ass!

JP VA2SG

--- In pfr3_group@...m, "J.-P. Couture" <jpcouture68@...> wrote:
>
> Yes thanks, I did try it and found out it works great. Made a couple
> contacts on the Buddistick and uploaded a picture in my album. So far
> so good.
>
> 72 73 Pete VA2SG
>
>
> --- In pfr3_group@yahoogroups.com, "Marc G0AZS" <marc.g0azs@> wrote:
> >
> > Yes... absolutely right.
> > 73 Marc G0AZS
> >
> > 2008/9/6 J.-P. Couture <jpcouture68@>
> >
> > > Am I right? If a set the rear panel switch in the binding posts
> > > direction, I'll be able to use the BLT with an antenna connected on
> > > the rear panel coax output. Right?
> > >
> > >
> > >
> > >
> >
>

406. Re: Kitting error

Yahoo group: pfr3_group
Date: 2008-09-07 16:41:10 UTC
From: alanandcorin
Topic: 402 Message: 406

Sounds like these caps should be fine. I would certainly go ahead and
complete the build with them.

73,
Alan

--- In pfr3_group@yahoogroups.com, "gregmcgann" <greg.mcgann@...> wrote:
>
> I too had the same error with the 15 pF sent instead of the 150 pF, I
> have 2 which are marked 151, and 4 marked 150.
> I have some Metallised Ceramic Plate Capacitors (disk shaped brown
> colour) marked 151J which might do the job?
> They are not the resin dipped type, but the online documentation at
> maplin electronics says that 'values up to and including 220pF are
> suitable for temperature compensation in tuned circuits where low
> losses, close tolerance and high stability are required.'
>
> Any thoughts on the subject? I may just have to wait for the parts to
> cross the Atlantic.
>
> Greg
> M3AYS
>

407. Re: Got My Yellow Box

Yahoo group: pfr3_group
Date: 2008-09-07 16:46:31 UTC
From: alanandcorin
Topic: 378 Message: 407

Bob,

NPO and COG are the same dielectric so don't expect any change in
performance with the blue caps.

73,
Alan

--- In pfr3_group@...m, "w3bboqrp" <w3bbo1@...> wrote:
>
> --- In pfr3_group@yahoogroups.com, "alanandcorin" <alan@> wrote:
> >
> > Do the caps say NPO or COG? Is there a double underline underneath
> > the 151?? If not, they will surely do for now but you might want to
> > change them out later with more stable capacitors.
> >
> > Cheers,
> > Alan
> >
> > --- In pfr3_group@yahoogroups.com, "w3bboqrp" <w3bbo1@> wrote:
> > >
> > > Received the kit in yesterday's mail and finished the group 1
> assembly.
> > > (Works great). Started to stage the components for the next step
> and,
> > > like others, have the wrong 150 pf capacitors. I received four
15 pf
> > > and two 150 pf "blue" capacitors.
> > >
> > > I do have the 150 pf "yellow" ones in my junkbox. Any problem
using
> > > these? Curious to know the difference between the blue and yellow
> > > capacitors...anyone know?
> > >
> > > Thanks,
> > > Bob W3BBO
> > >
> >
> Thanks for the reply, Alan. The ones in hand are NPO. Doug was
> sending the correct COG blue capacitors and they should be here shortly.
>
> 73 de Bob W3BBO
>

408. Re: Kitting error

Yahoo group: pfr3_group
Date: 2008-09-08 21:05:43 UTC
From: gregmcgann
Topic: 402 Message: 408

Thanks Alan, I thought they might be OK, did some further research and they checked out just fine. They may even have a slightly better temperature coefficient(NPO), the larger case size seems the only major difference.

--- In pfr3_group@yahoogroups.com, "alanandcorin" <alan@...> wrote:
>
> Sounds like these caps should be fine. I would certainly go ahead and
> complete the build with them.
>
> 73,
> Alan
>
> --- In pfr3_group@yahoogroups.com, "gregmcgann" <greg.mcgann@> wrote:
> >
> > I too had the same error with the 15 pF sent instead of the 150 pF, I
> > have 2 which are marked 151, and 4 marked 150.
> > I have some Metallised Ceramic Plate Capacitors (disk shaped brown
> > colour) marked 151J which might do the job?
> > They are not the resin dipped type, but the online documentation at
> > maplin electronics says that 'values up to and including 220pF are
> > suitable for temperature compensation in tuned circuits where low
> > losses, close tolerance and high stability are required.'
> >
> > Any thoughts on the subject? I may just have to wait for the parts to
> > cross the Atlantic.
> >
> > Greg
> > M3AYS
> >
>

409. PCB error on PFR-3

Yahoo group: pfr3_group
Date: 2008-09-09 16:17:06 UTC
From: KI6DS
Topic: 409 Message: 409

Steve has discovered a PCB error on the PFR-3 board. It is a simple fix and will be corrected on the next run of boards. But for those of you who have the original boards here is the info from Steve.

I noticed I have a power connection for the CPU on the wrong pin! The processor apparently is working okay this way - most of the time, but there have been a few cases where it hasn't. What I did was wire the +5 to the analog reference voltage pin instead of the analog supply voltage pin. Since I'm using +5 as the reference, apparently there is an internal connection which makes the A/D work. This should definately be fixed. Thankfully the fix is easy, as the connections are on the bottom of the board. Here is the procedure.

1. Cut the track going from pin 7 to pin 21
2. Wire a jumper from pin 7 to pin 20.

72, Doug

410. Re: PCB error on PFR-3

Yahoo group: pfr3_group
Date: 2008-09-10 01:03:41 UTC
From: Bert M. Thompson
Topic: 409 Message: 410

--- In pfr3_group@yahoogroups.com, "KI6DS" <ki6ds@...> wrote:
>
> Steve has discovered a PCB error on the PFR-3 board. It is a
simple
> fix and will be corrected on the next run of boards. But for those
of
> you who have the original boards here is the info from Steve.
>
> I noticed I have a power connection for the CPU on the wrong pin!
The
> processor apparently is working okay this way - most of the time,
but
> there have been a few cases where it hasn't. What I did was wire
the +5
> to the analog reference voltage pin instead of the analog supply
> voltage pin. Since I'm using +5 as the reference, apparently there
is
> an internal connection which makes the A/D work. This should
definately
> be fixed. Thankfully the fix is easy, as the connections are on the
> bottom of the board. Here is the procedure.
>
> 1. Cut the track going from pin 7 to pin 21
> 2. Wire a jumper from pin 7 to pin 20.
>
> 72, Doug
>Steve,

Mod. complete took 5 minutes.. Have a great vaction es gud eye 73!
Thanks again .. Bert M. Thompson kb3mhb

411. Re: New Kit Guarantee from Hendricks QRP Kits (you will like this!)

Yahoo group: pfr3_group
Date: 2008-09-10 01:19:58 UTC
From: Bert M. Thompson
Topic: 22 Message: 411

--- In pfr3_group@yahoogroups.com, "Bert M. Thompson"
<bertthompson@...> wrote:
>
> --- In pfr3_group@yahoogroups.com, "Bert M. Thompson"
<bertthompson@> wrote:
> >
> > --- In pfr3_group@yahoogroups.com, "KI6DS" <ki6ds@> wrote:
> > >
> > > Effective immediately:
> > >
> > > Hendricks QRP Kits Warranty Policy
> > >
> > >
> > > Hendricks QRP Kits strives to offer the best quality,
affordable,
> > kits
> > > available in today's market and make your kit project a complete
> > > success. We have confidence in the quality of our designs and
in the
> > > performance of our components. In keeping with this tradition,
we
> > will
> > > replace any electronic component, for the life of the product,
for
> > any
> > > reason. If you lose, damage, burn out, or install a component in
> > > error, that requires a replacement, simply contact us, pay the
> > postage
> > > or shipping, and we will replace it. This is in addition to our
> > > previous practice of replacing any component missing from our
kits,
> > > shipped first class mail, free.
> > >
> > > This guarantee does not cover case parts.
> > >
> > > To our knowledge, no amateur radio company offers this
comprehensive
> > > policy.
> > >
> > > Doug Hendricks
> > >Doug,
> >
> > Well love the kit and have made many contacts, however, we had a
> > lighting strike which took out our neighbor house and damaged our
> > cable spliter. Now I find I can not transmitte ... I think that

the
> > three front end transistor are not working. I have in a clame
with
> > state farm .. and would like to get my pfr-3 back on the air.
Bert M.
> > Thompson kb3mhb 73. I think it will have to be sent to Steve
Weber??
> >
> > thanks again kb3mhb
> >
> Doug,
>
> I'm in Denver wid our 2nd new grand daughter and will be back home
on Sept. 6. Before I
> left Md. I carefully removed the mosfets and all had failed in a
different way .. as measured
> with my "dvm". So they will have to be replaced when I return. I
know your busy with other
> demands also. Thanks for listening .. also read in "qst" abt ur 49
meter ssb .
>Doug,

Sorry I could not wait so I ordered the mosfets from Mouser and
installed them.. all is well!! Thanks again oh mfr. # is BS170_D27Z.

Bert M. Thompson 73 kb3mhb

412. Not sure BLT is working...

Yahoo group: pfr3_group
Date: 2008-09-10 03:27:25 UTC
From: alanandcorin
Topic: 412 Message: 412

I seem to be having no luck being able to adjust the load/tune knobs to dim the LED. I thought I would simply try a few resistors connected to the coax connector. Here's my configuration:

1. Resistor across coax connector
2. Antenna switch towards banana connectors
3. COAX/BLT switch to BLT

With a 50 ohm, 150 ohm or 500 ohm resistor, using either Low Z or HI Z I just don't find a position to dim to LED. With the Low Z switch setting and a 50 ohm resistor I can get the LED to dim just a tad with the Tune switch fully counter clockwise. The Load control seems to do nothing.

Does anyone else have any experience with the BLT? Could you try a few resistors and let me know how yours reacts?

Thanks, 73,
Alan

413. Re: [pfr3_group] Not sure BLT is working...

Yahoo group: pfr3_group
Date: 2008-09-10 12:23:26 UTC
From: pablo kiryluk
Topic: 412 Message: 413
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

414. Re: Not sure BLT is working...

Yahoo group: pfr3_group
Date: 2008-09-10 17:45:02 UTC
From: alanandcorin
Topic: 412 Message: 414

Pablo,

Great suggestion! I unsoldered the CT winding of T3 and there were no shorts to grounds. All the cap connections checked fine. So it looks like my problems are elsewhere.

Cheers,
Alan

--- In pfr3_group@yahoogroups.com, "pablo kiryluk" <lu4dqq@...> wrote:
>
> I recently put together de norcal blt tuner (i figure you are talking about
> it... sorry if I am mistaken...) and found that one of the screws that hold
> the vary caps to the frontpannel touches the internal blades of the varycap
> putting it to ground so the thing was not working. I had to remove the
> screws and file off a couple of mm of the screw to solve the problem. You
> could try unwireing the cap and see if the connectors are grounded (they
> should not).
> Hope this is the fault in your blt because is very easyly fixed.
> Excuse my English... it is not my mother tongue...
> 73
> Pablo Kiryluk
> LU4DQQ
> Argentina
>
> 2008/9/10 alanandcorin <alan@...>
>
> > I seem to be having no luck being able to adjust the load/tune knobs
> > to dim the LED. I thought I would simply try a few resistors
> > connected to the coax connector. Here's my configuration:
> >
> > 1. Resistor across coax connector
> > 2. Antenna switch towards banana connectors
> > 3. COAX/BLT switch to BLT
> >
> > With a 50 ohm, 150 ohm or 500 ohm resistor, using either Low Z or HI Z
> > I just don't find a position to dim to LED. With the Low Z switch
> > setting and a 50 ohm resistor I can get the LED to dim just a tad with
> > the Tune switch fully counter clockwise. The Load control seems to do
> > nothing.
> >
> > Does anyone else have any experience with the BLT? Could you try a

> > few resistors and let me know how yours reacts?
> >
> > Thanks, 73,
> > Alan
> >
> >
> >
>

415. Re: PCB error on PFR-3

Yahoo group: pfr3_group
Date: 2008-09-10 17:45:45 UTC
From: w2bpi
Topic: 409 Message: 415

I took time to do this simple mod. Before the mod my keyer memory would send errors sometimes (not always same error) After the mod my memory is sent correctly every time. Would be interesting to see if progamming the memory has been improved also. Thought you guys would like to know. 73 George/W2BPI

--- In pfr3_group@yahoogroups.com, "KI6DS" <ki6ds@...> wrote:
>
> Steve has discovered a PCB error on the PFR-3 board. It is a simple
> fix and will be corrected on the next run of boards. But for those of
> you who have the original boards here is the info from Steve.
>
> I noticed I have a power connection for the CPU on the wrong pin! The
> processor apparently is working okay this way - most of the time, but
> there have been a few cases where it hasn't. What I did was wire the +5
> to the analog reference voltage pin instead of the analog supply
> voltage pin. Since I'm using +5 as the reference, apparently there is
> an internal connection which makes the A/D work. This should definately
> be fixed. Thankfully the fix is easy, as the connections are on the
> bottom of the board. Here is the procedure.
>
> 1. Cut the track going from pin 7 to pin 21
> 2. Wire a jumper from pin 7 to pin 20.
>
> 72, Doug
>

416. Re: Not sure BLT is working...

Yahoo group: pfr3_group
Date: 2008-09-10 19:04:08 UTC
From: J.-P. Couture
Topic: 412 Message: 416

Hi,

Try to change the tune varicap internal settings. Look at the
picture in my photo album.

72 73 VA2SG

--- In pfr3_group@yahoogroups.com, "alanandcorin" <alan@...> wrote:
>
> Pablo,
>
> Great suggestion! I unsoldered the CT winding of T3 and there
were no
> shorts to grounds. All the cap connections checked fine. So it
looks
> like my problems are elsewhere.
>
> Cheers,
> Alan
>
>
> --- In pfr3_group@yahoogroups.com, "pablo kiryluk" <lu4dqq@> wrote:
> >
> > I recently put together de norcal blt tuner (i figure you are
> talking about
> > it... sorry if I am mistaken...) and found that one of the screws
> that hold
> > the vary caps to the frontpannel touches the internal blades of
the
> varycap
> > putting it to ground so the thing was not working. I had to
remove the
> > screws and file off a couple of mm of the screw to solve the
> problem. You
> > could try unwireing the cap and see if the connectors are
grounded (they
> > should not).
> > Hope this is the fault in your blt because is very easyly fixed.
> > Excuse my English... it is not my mother tongue...
> > 73
> > Pablo Kiryluk
> > LU4DQQ
> > Argentina
> >
> > 2008/9/10 alanandcorin <alan@>
> >

> > > I seem to be having no luck being able to adjust the
load/tune knobs
> > > to dim the LED. I thought I would simply try a few resistors
> > > connected to the coax connector. Here's my configuration:
> > >
> > > 1. Resistor across coax connector
> > > 2. Antenna switch towards banana connectors
> > > 3. COAX/BLT switch to BLT
> > >
> > > With a 50 ohm, 150 ohm or 500 ohm resistor, using either Low Z
or HI Z
> > > I just don't find a position to dim to LED. With the Low Z
switch
> > > setting and a 50 ohm resistor I can get the LED to dim just a
tad with
> > > the Tune switch fully counter clockwise. The Load control
seems to do
> > > nothing.
> > >
> > > Does anyone else have any experience with the BLT? Could you
try a
> > > few resistors and let me know how yours reacts?
> > >
> > > Thanks, 73,
> > > Alan
> > >
> > >
> > >
> >
>

417. Re: Not sure BLT is working...

Yahoo group: pfr3_group
Date: 2008-09-11 04:38:51 UTC
From: alanandcorin
Topic: 412 Message: 417

I did two things, I changed the varicap settings as you suggested and
I also rewound T3. I counted incorrectly and had one two many turns
for each winding!

I can tune a 50 ohm load on Low Z and a 300 ohm load on HI Z but I
find both the load and tune control settings to be almost fully
counter clockwise. Is this what people find?

Cheers,
Alan

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...>
wrote:
>
> Hi,
>
> Try to change the tune varicap internal settings. Look at the
> picture in my photo album.
>
> 72 73 VA2SG
>
>
> --- In pfr3_group@yahoogroups.com, "alanandcorin" <alan@> wrote:
> >
> > Pablo,
> >
> > Great suggestion! I unsoldered the CT winding of T3 and there
> were no
> > shorts to grounds. All the cap connections checked fine. So it
> looks
> > like my problems are elsewhere.
> >
> > Cheers,
> > Alan
> >
> >
> > --- In pfr3_group@yahoogroups.com, "pablo kiryluk" <lu4dqq@> wrote:
> > >
> > > I recently put together de norcal blt tuner (i figure you are
> > talking about
> > > it... sorry if I am mistaken...) and found that one of the screws
> > that hold
> > > the vary caps to the frontpannel touches the internal blades of
> the
> > varycap
> > > putting it to ground so the thing was not working. I had to

> remove the
> > > screws and file off a couple of mm of the screw to solve the
> > problem. You
> > > could try unwireing the cap and see if the connectors are
> grounded (they
> > > should not).
> > > Hope this is the fault in your blt because is very easyly fixed.
> > > Excuse my English... it is not my mother tongue...
> > > 73
> > > Pablo Kiryluk
> > > LU4DQQ
> > > Argentina
> > >
> > > 2008/9/10 alanandcorin <alan@>
> > >
> > > > I seem to be having no luck being able to adjust the
> load/tune knobs
> > > > to dim the LED. I thought I would simply try a few resistors
> > > > connected to the coax connector. Here's my configuration:
> > > >
> > > > 1. Resistor across coax connector
> > > > 2. Antenna switch towards banana connectors
> > > > 3. COAX/BLT switch to BLT
> > > >
> > > > With a 50 ohm, 150 ohm or 500 ohm resistor, using either Low Z
> or HI Z
> > > > I just don't find a position to dim to LED. With the Low Z
> switch
> > > > setting and a 50 ohm resistor I can get the LED to dim just a
> tad with
> > > > the Tune switch fully counter clockwise. The Load control
> seems to do
> > > > nothing.
> > > >
> > > > Does anyone else have any experience with the BLT? Could you
> try a
> > > > few resistors and let me know how yours reacts?
> > > >
> > > > Thanks, 73,
> > > > Alan
> > > >
> > > >
> > > >
> > > >
> > >
> > >
> >
>

418. msg 409 error on board

Yahoo group: pfr3_group
Date: 2008-09-11 08:00:18 UTC
From: Dieter
Topic: 418 Message: 418

Good morning,
To visualize what has to be done here I uploaded a pic in the album
section.
Any good idea how to do the cut?
I use a little drill machine (Dremel, Proxon) with a dentist's drill.
A simple cutter will possibly also do.
Dieter dl2bqd

419. Re: [pfr3_group] msg 409 error on board

Yahoo group: pfr3_group
Date: 2008-09-11 13:16:50 UTC
From: Joseph Feustle
Topic: 418 Message: 419

I used an Xacto knife. Wasn't pretty but did the job.

72
Joe, N8JF

On Sep 11, 2008, at 4:00 AM, Dieter wrote:

> Good morning,
> To visualize what has to be done here I uploaded a pic in the album
> section.
> Any good idea how to do the cut?
> I use a little drill machine (Dremel, Proxon) with a dentist's drill.
> A simple cutter will possibly also do.
> Dieter dl2bqd
>
>
>

420. Re: msg 409 error on board

Yahoo group: pfr3_group
Date: 2008-09-11 13:26:08 UTC
From: w2bpi
Topic: 418 Message: 420

Made 2 cuts with xacto knife about 1/16" apart near pin 21 Scraped
off the foil. Scraped some of the covering off the remaining trace.
Tinned it and added the short piece of wire as needed. As I stated in
another message: my keyer memory now always sends my message
correctly. Before it would make ramdon errors. 73 George/W2BPI
>
> I used an Xacto knife. Wasn't pretty but did the job.
>
> 72
> Joe, N8JF
>
> On Sep 11, 2008, at 4:00 AM, Dieter wrote:
>
> > Good morning,
> > To visualize what has to be done here I uploaded a pic in the
album
> > section.
> > Any good idea how to do the cut?
> > I use a little drill machine (Dremel, Proxon) with a dentist's
drill.
> > A simple cutter will possibly also do.
> > Dieter dl2bqd
> >
> >
> >
>

421. msg 409 mods and W3EDP

Yahoo group: pfr3_group
Date: 2008-09-11 14:28:42 UTC
From: Dieter
Topic: 421 Message: 421

Hi, Joe and George,
Thanks for the response. I presume your 'knife' is also kind of a sharp cutter with a vy thin steel blade. Right? Or what produce is an "Xacto".

I hope to go on soldering this weekend. We had a short week holiday in the Harz Mountains and I did a wee SOTA with FM. Gel battery and collapsible HB9 in the backbag did a pretty good job. The height of ca 3000ft offered a good take off into the country.
Last day I wanted to use my SW40 on short waves with 3 watts and a W3EDP;
first I could not properly match it with a ZM2, than I realised that the inner socket of the BNC has been shifted back outside the main BNC body. Fortunately I had a screw driver with me.
It's only to tell what can happen when one operates/p

I could rig the W3EDP easily into a branch with a stone and a bit of bricklayers yarn/ thin soft, strong! line. Perhaps it may be a good antenna together with the PFR-3 for 40 and 20 under tough condx. One has to change the radial only, no mast...
I have not wanted to climb up the summit with a 5 m-pole, hi.
But there might be other experiences as well.

W3EDP:
rig>ZM/BLT>wire 84ft for 20 and 40

counterpoise
17ft for 40
6.5ft for 20 and higher
I have parted the 17ft and use connectors from automobile electronics

Could someone have a try with the pfr-3?
72, Dieter

422. Re: msg 409 mods and W3EDP

Yahoo group: pfr3_group
Date: 2008-09-11 15:15:32 UTC
From: w2bpi
Topic: 421 Message: 422

Tey are very sharp. Comes with a special handle and assortment of
blades. The blades come in differant sizes and shapes. Here they are
available in hobby stores and some hardware stores.
>
> Hi, Joe and George,
> Thanks for the response. I presume your 'knife' is also kind of a
> sharp cutter with a vy thin steel blade. Right?
\

423. Re: [pfr3_group] Re: msg 409 mods and W3EDP

Yahoo group: pfr3_group
Date: 2008-09-11 15:19:38 UTC
From: Dieter Klaschka
Topic: 421 Message: 423

Thanks, George, I do understand.
D.
----- Original Message -----
From: w2bpi
To: pfr3_group@yahoogroups.com
Sent: Thursday, September 11, 2008 5:15 PM
Subject: [pfr3_group] Re: msg 409 mods and W3EDP

Tey are very sharp. Comes with a special handle and assortment of
blades. The blades come in differant sizes and shapes. Here they are
available in hobby stores and some hardware stores.
>
> Hi, Joe and George,
> Thanks for the response. I presume your 'knife' is also kind of a
> sharp cutter with a vy thin steel blade. Right?
\

424. Re: [pfr3_group] msg 409 mods and W3EDP

Yahoo group: pfr3_group
Date: 2008-09-11 16:47:23 UTC
From: Joseph Feustle
Topic: 421 Message: 424

Dieter,

George described the Xacto knife perfectly. They are also sold in many office supply stores.

72
Joe, N8JF

On Sep 11, 2008, at 10:28 AM, Dieter wrote:

> Hi, Joe and George,
> Thanks for the response. I presume your 'knife' is also kind of a
> sharp cutter with a vy thin steel blade. Right? Or what produce is
> an "Xacto".
>
> I hope to go on soldering this weekend. We had a short week holiday in
> the Harz Mountains and I did a wee SOTA with FM. Gel battery and
> collapsible HB9 in the backbag did a pretty good job. The height of ca
> 3000ft offered a good take off into the country.
> Last day I wanted to use my SW40 on short waves with 3 watts and a
> W3EDP;
> first I could not properly match it with a ZM2, than I realised that
> the inner socket of the BNC has been shifted back outside the main
> BNC body. Fortunately I had a screw driver with me.
> It's only to tell what can happen when one operates/p
>
> I could rig the W3EDP easily into a branch with a stone and a bit of
> bricklayers yarn/ thin soft, strong! line. Perhaps it may be a good
> antenna together with the PFR-3 for 40 and 20 under tough condx. One
> has to change the radial only, no mast...
> I have not wanted to climb up the summit with a 5 m-pole, hi.
> But there might be other experiences as well.
>
> W3EDP:
> rig>ZM/BLT>wire 84ft for 20 and 40
>
> counterpoise
> 17ft for 40
> 6.5ft for 20 and higher
> I have parted the 17ft and use connectors from automobile electronics
>
> Could someone have a try with the pfr-3?
> 72, Dieter
>
>
>

425. LED Sensitivity

Yahoo group: pfr3_group
Date: 2008-09-11 22:55:02 UTC
From: Ken Evans
Topic: 425 Message: 425

Has anyone tried to reduce the sensitivity of the LED used to indicate SWR?
At times., I cannot make the light dim and feel it may be resolved by
reducing the sensitivity.

Ken Evans, W4DU

QRP ARCI 696, GQRP 5918, FP 295, NOGA, ARRL Life

426. Re: [pfr3_group] LED Sensitivity

Yahoo group: pfr3_group
Date: 2008-09-11 23:27:53 UTC
From: Bob Nelson
Topic: 425 Message: 426

I tacked a resistor across the LED to tone it down.

73 (Best Regards),

Bob Nelson K2QPN
k2qpn@...
www.k2qpn.ham-radio-op.net (http://www.k2qpn.ham-radio-op.net)

Secretary - Burlington County Radio Club
Member - Frankford Radio Club

Ken Evans wrote:

Has anyone tried to reduce the sensitivity of the LED used to indicate SWR? At times., I cannot make the light dim and feel it may be resolved by reducing the sensitivity.

Ken Evans, W4DU

QRP ARCI 696, GQRP 5918, FP 295, NOGA, ARRL Life

427. Re: LED Sensitivity

Yahoo group: pfr3_group
Date: 2008-09-12 00:13:35 UTC
From: w2bpi
Topic: 425 Message: 427

What value resistor?

428. Re: LED Sensitivity

Yahoo group: pfr3_group
Date: 2008-09-12 02:39:48 UTC
From: alanandcorin
Topic: 425 Message: 428

I too was wondering if the LED was just too bright. But after adjusting the small trimmer caps on the bottom of the variable capacitors and rewinding T3 because I had one too many turns for each winding I found the SWR LED to work just fine. Check it out with a resistor across the output and you should be able to use the BLT to fully extinguish the LED. If the LED goes out with a resistor but not with your antenna then you probably don't have a "low" SWR.

Best, 73,
Alan

--- In pfr3_group@yahoogroups.com, "Ken Evans" <w4du@...> wrote:
>
> Has anyone tried to reduce the sensitivity of the LED used to indicate SWR?
> At times., I cannot make the light dim and feel it may be resolved by
> reducing the sensitivity.
>
>
>
> Ken Evans, W4DU
>
> QRP ARCI 696, GQRP 5918, FP 295, NOGA, ARRL Life
>

429. Re: PCB error on PFR-3

Yahoo group: pfr3_group
Date: 2008-09-13 01:12:16 UTC
From: donaldjmcbride
Topic: 409 Message: 429

--- In pfr3_group@yahoogroups.com, "KI6DS" <ki6ds@...> wrote:
> Steve has discovered a PCB error on the PFR-3 board. It is a simple
> fix and will be corrected on the next run of boards.
> Thankfully the fix is easy, as the connections are on the
> bottom of the board. Here is the procedure.
>
> 1. Cut the track going from pin 7 to pin 21
> 2. Wire a jumper from pin 7 to pin 20.
>
> 72, Doug
>
Made the PCB mod yesterday and yes, it is easy and quick -- though not pretty as someone said.
However, I'm delighted to report that this simple fix appears to remedy two problems:
1.) Some of the memory keyer sending anomolies appear to have vanished.
2.) Occasionally the display would not always power up if left in the 40 meter position. It was fine if one remembered to always leave the PFR-3 set for 30 or 20 meters.

I'm pretty delighted with the results and encourage anyone else to do the mod.

Also, with Steve being so busy, getting the EPROM chip reprogrammed seems to be a problem. On my wish list would be a way to order the updated red dot chip on an exchange basis, like returning your old car battery for a deposit. I'll bet I'm not the only one who is reluctant to live without use of their PFR-3 for some undetermined amount of time. It's a sweet rig!
... Don WA3ZBJ

430. Its Fixed

Yahoo group: pfr3_group
Date: 2008-09-13 11:57:29 UTC
From: merlinrail
Topic: 430 Message: 430

one of the problems i had with me PFR3 was that when you switched it on
the CPU wouldnt start unless you slid the band change switch from 40
to 20 then back. now with the PCB alteration on pin 20/21 it starts
first time every time also my CW memory works corectly now. so well
done to how ever found the PCB problem .
73's
Roy
GM4VKI

431. T1 conundrum

Yahoo group: pfr3_group
Date: 2008-09-13 14:41:50 UTC
From: gregmcgann
Topic: 431 Message: 431

T1 only seems to have 4 turns shown at the bottom instead of 5 in the manual diagram, what should I do??? Make it to match the diagram or count for myself?

432. Re: [pfr3_group] Re: PCB error on PFR-3

Yahoo group: pfr3_group
Date: 2008-09-13 16:02:36 UTC
From: Bob Nelson
Topic: 409 Message: 432

I also would love an exchange program for the chip. I have been reluctant to get my chip updated since it would mean giving up my LYB. I have really been bitten by the QRP DX bug. Somehow, turning the power down on my big rig seems like cheating.

73 (Best Regards),

Bob Nelson K2QPN
k2qpn@...
www.k2qpn.ham-radio-op.net (http://www.k2qpn.ham-radio-op.net)

Secretary - Burlington County Radio Club
Member - Frankford Radio Club

donaldjmcbride wrote:

--- In pfr3_group@yahoogroups.com, "KI6DS" wrote:
> Steve has discovered a PCB error on the PFR-3 board. It is a simple
> fix and will be corrected on the next run of boards.
> Thankfully the fix is easy, as the connections are on the
> bottom of the board. Here is the procedure.
>
> 1. Cut the track going from pin 7 to pin 21
> 2. Wire a jumper from pin 7 to pin 20.
>
> 72, Doug
>
Made the PCB mod yesterday and yes, it is easy and quick -- though not pretty as someone said.
However, I'm delighted to report that this simple fix appears to remedy two problems:
1.) Some of the memory keyer sending anomolies appear to have vanished.
2.) Occasionally the display would not always power up if left in the 40 meter position. It was fine if one remembered to always leave the PFR-3 set for 30 or 20 meters.

I'm pretty delighted with the results and encourage anyone else to do the mod.

Also, with Steve being so busy, getting the EPROM chip reprogrammed seems to be a problem. On my wish list would be a way to order the updated red dot chip on an exchange basis, like returning your old car battery for a deposit. I'll bet I'm not the only one who is reluctant to live without use of their PFR-3 for some undetermined amount of time. It's a sweet rig!
... Don WA3ZBJ

433. PFR-3 on the air!

Yahoo group: pfr3_group
Date: 2008-09-13 17:46:29 UTC
From: w3bboqrp
Topic: 433 Message: 433

Finished assembly of the unit last night and with the circuit board on the workbench, hooked up an antenna and worked two stations on 20 meters. Then I went to 40 meters and had a nice ragchew with a guy down in Georgia. Tried 30 meters using my 80 meter vertical, but not much activity on that band at the time, though I did get a ? out of GM3POI.

This morning, I got the board mounted in the enclosure and did the final wiring. Then had a nice contact with a guy in Virginia with 599 reports both ways on 40 meters.

After building many kits (K2, SST, Sierra), I must say this was a very challenging kit. T3 was a real PIA! My special thanks go out to DL2BQD and ON6WJ. Their pictures here on the webpage really helped, otherwise I'd still be scratching my head.

To those still soldering, keep at it! The rig does a good job on the bands.

73 de Bob W3BBO

434. Re: PFR-3 on the air!

Yahoo group: pfr3_group
Date: 2008-09-14 04:26:12 UTC
From: oe6wtd
Topic: 433 Message: 434

--- In pfr3_group@yahoogroups.com, "w3bboqrp" <w3bbo1@...> wrote:
>
> Finished assembly of the unit last night and with the circuit board on
> the workbench, hooked up an antenna and worked two stations on 20
> meters. Then I went to 40 meters and had a nice ragchew with a guy
> down in Georgia. Tried 30 meters using my 80 meter vertical, but not
> much activity on that band at the time, though I did get a ? out of
> GM3POI.
>
> This morning, I got the board mounted in the enclosure and did the
> final wiring. Then had a nice contact with a guy in Virginia with 599
> reports both ways on 40 meters.
>
> After building many kits (K2, SST, Sierra), I must say this was a very
> challenging kit. T3 was a real PIA! My special thanks go out to DL2BQD
> and ON6WJ. Their pictures here on the webpage really helped,
> otherwise I'd still be scratching my head.
>
> To those still soldering, keep at it! The rig does a good job on the
> bands.
>
> 73 de Bob W3BBO
>
Hallo Bob,
my congrats to your first contacts with the yellow box! I'm entered
this group before I received the pfr3 kit. But I can read all in advance.
73/72 de Dieter OE6WTD

435. Newbie to building

Yahoo group: pfr3_group
Date: 2008-09-14 15:59:22 UTC
From: Bob
Topic: 435 Message: 435

I'm a newbie to this group and haven't built anything since I was a
teenager, many yrs ago.
I'd like to try my hand at the PFR-3, but a bit intimidated.
How hard/easy is it to screw it up?
It looks like a great rig for bpacking?
Tnx,
Bob K4RLC

436. Knurled thumbscrew & internal battery modification

Yahoo group: pfr3_group
Date: 2008-09-14 16:19:41 UTC
From: boblusby
Topic: 436 Message: 436

I replaced the flush-mounting cabinet screws with knurled thumbscrews. After searching on the web I tried the screws that come with the Elecraft KX-1 and they work great. Elecraft part number E700050 Thumbscrew 4/40 black 5/16 cost $2.54 each plus shipping. Enclosed are some pictures. I added the fiber washer to protect the paint. The washer does not come with the Elecraft thumbscrew.

www.k9foh.net/images/pfr3c.jpg
www.k9foh.net/images/pfr3d.jpg
www.k9foh.net/images/pfr3e.jpg

I also modified the internal battery by adding an internal disconnect cable/connector so that the cover/battery can be easily removed for charging separate from the radio. There is also a cable for internal charging routed via the front case corner opening. The connector is a different size from the regular rear panel DC connector to help prevent mixing up the two. There is no current limiting circuit with this modification. But there is a posting on the group page for a different method of adding a charging circuit with protection.

www.k9foh.net/images/pfr3g.jpg
www.k9foh.net/images/pfr3h.jpg

Cheers, Bob, k9foh

437. Re: Newbie to building

Yahoo group: pfr3_group
Date: 2008-09-14 16:44:36 UTC
From: Dieter
Topic: 435 Message: 437

--- In pfr3_group@yahoogroups.com, "Bob" <bconder@...> wrote:
>
> I'm a newbie to this group and haven't built anything since I was
a
> teenager, many yrs ago.
> I'd like to try my hand at the PFR-3, but a bit intimidated.
> How hard/easy is it to screw it up?
> It looks like a great rig for bpacking?
> Tnx,
> Bob K4RLC
>
Bob, it will all depend on your skills. If you don't have two left thumbs, know how to solder and possess some good tools and know that the tip of a soldering iron is somewhat hot...
;-)
Best would be to have a good friend round the corner. But this list is a powerful 'source' as well.
It is good building: only one board, concise manual, very concise,... but I think that in the meantime all faults have been reported and you will find so many hints on how to build and how to avoid mistakes and faults... so I simply advise to read all 4oo messages very carefully- yes, you have to do this to avoid questions which already have been answered - Invest that time and you will have the benefit from this investment, believe me... than you will be able to decide yourself whether you will be able to assemble the kit.
Good luck, cu later after message 410 or so.
72, Dieter

438. Re: [pfr3_group] Knurled thumbscrew & internal battery modification

Yahoo group: pfr3_group
Date: 2008-09-14 18:56:26 UTC
From: ki6ds@dospalos.org
Topic: 436 Message: 438

You have got to be kidding me! They charge $2.54 for each knurled thumbscrew??? I will give them to you if you send me your address!! The screws cost $.05 each, the plastic press on cap is $.12. If you paid $220 for a PFR-3, I can surely give you 4 socket head screws that cost me $.68. That is a LOT better than paying $10.16 plus shipping! That is some kind of profit margin. Sorry guys, but I just can't stand by and let this happen to my customers. 72, Doug

> I replaced the flush-mounting cabinet screws with knurled
> thumbscrews. After searching on the web I tried the screws that come
> with the Elecraft KX-1 and they work great. Elecraft part number
> E700050 Thumbscrew 4/40 black 5/16 cost $2.54 each plus shipping.
> Enclosed are some pictures. I added the fiber washer to protect the
> paint. The washer does not come with the Elecraft thumbscrew.
>

439. Re: [pfr3_group] Knurled thumbscrew & internal battery modification

Yahoo group: pfr3_group
Date: 2008-09-14 20:19:49 UTC
From: David Wilcox
Topic: 436 Message: 439

All the Elecraft knurled screws I have are solid metal with machined knurling. Try the ones that hold on the key to the KX-1. I think they were $6.00 or something like that when I inquired. All that machining must be expensive. Thanks Doug for your offer. I will order some for my LYB. Maybe that is an idea for your kit supply business: boxes of knurled nuts for us builders and maybe even replacements for the Elecraft guys. I do like to be able to open my radios without a screw driver.

440. Re: PCB error on PFR-3

Yahoo group: pfr3_group
Date: 2008-09-14 20:53:40 UTC
From: J.-P. Couture
Topic: 409 Message: 440

Mod done and rig is doing fine, like Don says, memory keyer FB and display always light up first time.

Tnx for info.

VA2SG

441. My PFR3 at New England Afield QRP

Yahoo group: pfr3_group
Date: 2008-09-14 20:56:48 UTC
From: J.-P. Couture
Topic: 441 Message: 441

Just wanted to let you know I'll take part of New England QRP Afield contest, sept 20th. I should be on air from noon til abt 7:30 PM on mountain top with yellow, buddistick and or dipoles, on 20m es 40m.

So, if you my PFR3 give me a call. The exchange is RST State, PWR.

72 73
Pete VA2SG

442. Re: [pfr3_group] Knurled thumbscrew & internal battery modification

Yahoo group: pfr3_group
Date: 2008-09-14 22:43:24 UTC
From: W2AGN
Topic: 436 Message: 442

ki6ds@... wrote:
> You have got to be kidding me! They charge $2.54 for each knurled
> thumbscrew??? I will give them to you if you send me your address!! The
> screws cost $.05 each, the plastic press on cap is $.12. If you paid $220
> for a PFR-3, I can surely give you 4 socket head screws that cost me $.68.
> That is a LOT better than paying $10.16 plus shipping! That is some
> kind of profit margin. Sorry guys, but I just can't stand by and let this
> happen to my customers. 72, Doug
>
>
>> I replaced the flush-mounting cabinet screws with knurled
>> thumbscrews. After searching on the web I tried the screws that come
>> with the Elecraft KX-1 and they work great. Elecraft part number
>> E700050 Thumbscrew 4/40 black 5/16 cost $2.54 each plus shipping.
>> Enclosed are some pictures. I added the fiber washer to protect the
>> paint. The washer does not come with the Elecraft thumbscrew.
>>
>

That's one of the reasons I gave up on Elecraft. Seriously, it would be nice to
be able to change internal batteries without a screwdriver. Maybe you could list
the screws similar to the ones that hold the key on as a option?

--
+-+-+-+-+-+ w2agn@...
|W|2|A|G|N| Celebrating 50 years
+-+-+-+-+-+ of Amateur Radio
1958-2008 http://w2agn.net
-.- ...-- .... .-.. ..-

443. Re: [pfr3_group] Knurled thumbscrew & internal battery modification

Yahoo group: pfr3_group
Date: 2008-09-14 23:19:12 UTC
From: ki6ds@dospalos.org
Topic: 436 Message: 443

John, send me your address and I will send you 4 of those for no charge. I think I will start putting 4 of them in the kit. You are correct, they will be the same as the ones that hold the paddles on. I will provide both the countersunk screws and the thumbscrews, that way the builder has a choice. I looked at the screw that Elecraft sells, and the one that I will send is a better one for this application as it will not stick out as far and not be as likely to catch on things. Hope you are doing well. 72, Doug

> ki6ds@... wrote:
>> You have got to be kidding me! They charge $2.54 for each knurled
>> thumbscrew??? I will give them to you if you send me your address!!
>> The
>> screws cost $.05 each, the plastic press on cap is $.12. If you paid
>> $220
>> for a PFR-3, I can surely give you 4 socket head screws that cost me
>> $.68.
>> That is a LOT better than paying $10.16 plus shipping! That is some
>> kind of profit margin. Sorry guys, but I just can't stand by and let
>> this
>> happen to my customers. 72, Doug
>>
>>
>>> I replaced the flush-mounting cabinet screws with knurled
>>> thumbscrews. After searching on the web I tried the screws that come
>>> with the Elecraft KX-1 and they work great. Elecraft part number
>>> E700050 Thumbscrew 4/40 black 5/16 cost $2.54 each plus shipping.
>>> Enclosed are some pictures. I added the fiber washer to protect the
>>> paint. The washer does not come with the Elecraft thumbscrew.
>>>
>>
>
>
> That's one of the reasons I gave up on Elecraft. Seriously, it would be
> nice to
> be able to change internal batteries without a screwdriver. Maybe you
> could list
> the screws similar to the ones that hold the key on as a option?
>
>
> --
> +-+-+-+-+-+ w2agn@...
> |W|2|A|G|N| Celebrating 50 years
> +-+-+-+-+-+ of Amateur Radio
> 1958-2008 http://w2agn.net

> -.- ...-- .... .-.. ..-
>

444. PFR3 on Mt. Pinos

Yahoo group: pfr3_group
Date: 2008-09-15 05:10:15 UTC
From: sigcom1
Topic: 444 Message: 444

This past Saturday, Mike Schettler WA6MER and I drove up to Mt. Pinos near Frazier Park, CA, elevation 8300 ft.. We took along the PFR3 and a K1. It was our first experience with the rig and it worked as all of you know how well it does.

We had 2 failures but not with the PFR. The internal tuner in the K1 didn't and Mike's PAC-12 refused to cooperate. No problemo, we simply whipped out a spool of "N2GO Teflon Wire" and strung up a long wire. Yep, 500' stretched across a meadow at about 20 ft. off the ground. What a hoot. It worked like gangbusters on 30 and 20 but no good on 40.

I am quite impressed with: (1.) The ease of operation. Even though I didn't read the operating instructions nor have I ever used an ATS radio I had no trouble using the rig. (2.) The QSK. I had no trouble copying between characters. (3.) The opposite sideband rejection. Wow, there is no noticeable opposite sideband! (4.) The quality of the audio. Very easy to listen to. (5.) The powder-coated housing. Very nice, and rugged. (6.) Band changes. They were much faster to do than I expected. Also, the SWR LED was easy to see even in direct sunlight.

Bottom line: Terrific radio!

73.......Steve Smith WB6TNL
"Snort Rosin"

445. Re: Knurled thumbscrew & internal battery modification

Yahoo group: pfr3_group
Date: 2008-09-15 19:52:01 UTC
From: Warnier jos
Topic: 436 Message: 445

--- In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>
> John, send me your address and I will send you 4 of those for no
charge.
> I think I will start putting 4 of them in the kit. You are
correct, they
> will be the same as the ones that hold the paddles on. I will
provide
> both the countersunk screws and the thumbscrews, that way the
builder has
> a choice. I looked at the screw that Elecraft sells, and the one
that I
> will send is a better one for this application as it will not
stick out as
> far and not be as likely to catch on things. Hope you are doing
well.
> 72, Doug
>
>
Hi Doug ,I do not know how many "yellow boxes" went to Europe?
I think the postcharges for such 4 "Knurled" things would be a lot
more than the actual costs of the thumscrews.
But... I think many EU-PFR3 owners are interested
so , pse what are the costs for one set (4 screws)send to Europe ?

maybe a suggestion
I could make an order for say 10 or more set's , who is interested
could send a mail , actual costs per set = 1/10 of your cost +
postcharges of envelope in EU , no profit intentions here!

tnx for responding
best 73's to all
Josef
ON6WJ
on6wj@...

446. Re: [pfr3_group] Re: Knurled thumbscrew & internal battery modification

Yahoo group: pfr3_group
Date: 2008-09-15 20:52:28 UTC
From: ki6ds@dospalos.org
Topic: 436 Message: 446

Warner, great idea. How about this. I will send you 10 sets, you have the
guys in Europe send you money for postage and you send them the screws.
If ok, please send me your address and I will make them up tonight. Doug

> --- In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>>
>> John, send me your address and I will send you 4 of those for no
> charge.
>> I think I will start putting 4 of them in the kit. You are
> correct, they
>> will be the same as the ones that hold the paddles on. I will
> provide
>> both the countersunk screws and the thumbscrews, that way the
> builder has
>> a choice. I looked at the screw that Elecraft sells, and the one
> that I
>> will send is a better one for this application as it will not
> stick out as
>> far and not be as likely to catch on things. Hope you are doing
> well.
>> 72, Doug
>>
>>
> Hi Doug ,I do not know how many "yellow boxes" went to Europe?
> I think the postcharges for such 4 "Knurled" things would be a lot
> more than the actual costs of the thumscrews.
> But... I think many EU-PFR3 owners are interested
> so , pse what are the costs for one set (4 screws)send to Europe ?
>
> maybe a suggestion
> I could make an order for say 10 or more set's , who is interested
> could send a mail , actual costs per set = 1/10 of your cost +
> postcharges of envelope in EU , no profit intentions here!
>
> tnx for responding
> best 73's to all
> Josef
> ON6WJ
> on6wj@...
>
>
>
>
>

447. Re: T1 conundrum

Yahoo group: pfr3_group
Date: 2008-09-16 05:36:42 UTC
From: alanandcorin
Topic: 431 Message: 447

Greg,

I wound mine to match the picture and the receiver seems to work well.

73, KI6SOQ
Alan

--- In pfr3_group@yahoogroups.com, "gregmcgann" <greg.mcgann@...> wrote:
>
> T1 only seems to have 4 turns shown at the bottom instead of 5 in the
> manual diagram, what should I do??? Make it to match the diagram or
> count for myself?
>

448. Re: Knurled thumbscrew for Europe

Yahoo group: pfr3_group
Date: 2008-09-16 06:29:13 UTC
From: Warnier jos
Topic: 436 Message: 448

--- In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>
> Warner, great idea. How about this. I will send you 10 sets, you have the
> guys in Europe send you money for postage and you send them the screws.
> If ok, please send me your address and I will make them up tonight. Doug
>
>
> > maybe a suggestion
> > I could make an order for say 10 or more set's , who is interested
> > could send a mail , actual costs per set = 1/10 of your cost +
> > postcharges of envelope in EU , no profit intentions here!
> >
> > tnx for responding
> > best 73's to all
> > Josef
> > ON6WJ
> > on6wj@...

Thank You very much Doug
that's fantastic!

My address (also on QRZ.com)
Warnier Jos
ON6WJ
Kalendijk 28
B-9200 Dendermonde
Belgium
e-mail
on6wj@skynet.be

as soon the srews arrived here , will put a message on the forum.
Jos

449. Knurled thumb screws

Yahoo group: pfr3_group
Date: 2008-09-16 22:55:39 UTC
From: Bob Jones
Topic: 449 Message: 449

Guys

I would be very glad to obtain some of these thumbscrews too, if possible.

Please let me know how much to pay and where to send payment.

My address is OK on QRZ.com

73 Bob G3YIQ

450. Re: ssb rec with the pfr3

Yahoo group: pfr3_group
Date: 2008-09-17 15:21:01 UTC
From: Bert M. Thompson
Topic: 384 Message: 450

--- In pfr3_group@yahoogroups.com, "merlinrail" <rkavampsev@...>
wrote:
>
> I just love my PFR3 cant keep away from it, and it has followed me
> about in the car etc, however the other day i wanted to listen to
the
> news report on 40 metres whilst i was away from the main rec. but
due
> to the very selective bandwidth it was not copyable . So i decided
to
> play with the cct when i got home. I downloaded a similar cct from
the
> KX1 and found that they have varactors to earth across the xtal
filter
> fed by a 100k pot instead of 150pf caps so not having any correct
> capacitors i used 1n1004 fed via 10k resistors, the result wasnt
> spectacular however it opened the bandwith out for enough to copy
> SSB,and with the pot adjustable i could bring the bandwidth back to
cw
> width, I will experiment further however if you down load the KX1
CCT
> dia you will see what i mean .
> have fun
> GM4VKI
> Roy
>Roy

I would like to open the filter also .. not sure what the Elecraft
KX1 CCT is? Is there a way to add the circuitry necessary to open the
filter without drilling holes in the box. Also not sure where the
in4001 and 10k pot are attached to the xtal filter.

Bert M. Thompson kb3mhb

451. Re: ssb rec with the pfr3

Yahoo group: pfr3_group
Date: 2008-09-17 21:20:46 UTC
From: rkavampsev@aol.com
Topic: 384 Message: 451

Hi bert
if you download the elecraft kx1 cct from their web site you will see that the 4.912 mhz filter is very much the same cct as the pfr3. if you take out the 150 pfs from the crystals to chassis on the pfr3 and replace them with 1n1004 and feed each 1n1004 by a 10 k resistor as per the kx1 cct and join them all together. connect a 100k pot from 5 v to chassis and connect the slider to the 10ks then you can alter the bias on the 1n1004's which will alter the bandwidth of the pfr3. Elecraft use the proper varactors but i did have any and i found that the 1n1004 did a good enough job
hope that helps, once to have downloaded the cct from the elecraft web site you will see the similarity of the to designs .
cheers
roy
GM4VKI

452. Knurled Knobs also

Yahoo group: pfr3_group
Date: 2008-09-18 19:42:34 UTC
From: Mecsr
Topic: 452 Message: 452

I would like to also obtain a set of knurled thumbscrews to replace the cover screws on the PFR3 if possible. Please let me know the price and if I can use paypal to make payment. Seems like it would make it easier to change batteries this way.

Mecsr MikeSr AB7OC
SKCC #060

453. Knurled Knobs

Yahoo group: pfr3_group
Date: 2008-09-18 20:29:54 UTC
From: ki6ds@dospalos.org
Topic: 452 Message: 453

Guys there have been so many different headings and messages using them that I am confused. Here is the deal. Send me a message with Knurled Knob Offer as the subject. In the message, tell me that you are requesting the set of 4 extra Knurled Knobs. There is no charge, but I will need you to do the following in the exact same format. Type your address as such:

US, Canada and Non European DX Addresses Only:

Your Name
Your Address
Your City, Your State
Your Zip Code

All European Addresses:

Jos Warnier will be handling the distribution. I will be sending him several sets and he will reship them to you. He will post details on how to do that.

Please do not ask for more than 1 set per radio that you have. I am not in the parts business, and doing this out of my pocket for free as a service to my very, very valuable customers.

72, Doug

454. Re: [pfr3_group] Knurled Knobs

Yahoo group: pfr3_group
Date: 2008-09-18 20:33:15 UTC
From: ki6ds@dospalos.org
Topic: 452 Message: 454

One more thing, and it should have been at the top of the message. Even if you have sent me a previous message, I am starting over from now. You need to follow the Knurled Knob procedure in my previous message to get a set of screws. Doug

> Guys there have been so many different headings and messages using them
> that I am confused. Here is the deal. Send me a message with Knurled
> Knob Offer as the subject. In the message, tell me that you are
> requesting the set of 4 extra Knurled Knobs. There is no charge, but I
> will need you to do the following in the exact same format. Type your
> address as such:
>
> US, Canada and Non European DX Addresses Only:
>
> Your Name
> Your Address
> Your City, Your State
> Your Zip Code
>
> All European Addresses:
>
> Jos Warnier will be handling the distribution. I will be sending him
> several sets and he will reship them to you. He will post details on how
> to do that.
>
> Please do not ask for more than 1 set per radio that you have. I am not
> in the parts business, and doing this out of my pocket for free as a
> service to my very, very valuable customers.
>
> 72, Doug
>
>
>
>
>

456. It's together!

Yahoo group: pfr3_group
Date: 2008-09-19 02:06:17 UTC
From: Dale Putnam
Topic: 456 Message: 456

Well, it's together, and with a quick check before the supper call.. no tx out.. shoot.... more time for trouble shooting tomorrow. But that was as easy a build as they come. Not nary an issue, but for my fat fingers... all the pre-tests pass, and I'm thinking a solder joint on L7 will fix the power out issue.
But that is for tomorrow.
Great radio, wonderful kit.
Now I'm all set for withdrawl again.... *sigh*--... ...--Dale - WC7S in Wy

_____
Get more out of the Web. Learn 10 hidden secrets of Windows Live.
http://windowslive.com/connect/post/jamiethomson.spaces.live.com-Blog-cns!550F681DAD532637!5295.entry?ocid=TXT_TAGLM_WL_domore_092008

457. Re: ssb rec with the pfr3

Yahoo group: pfr3_group
Date: 2008-09-19 11:17:39 UTC
From: Bert M. Thompson
Topic: 384 Message: 457

--- In pfr3_group@yahoogroups.com, rkavampsev@... wrote:
>
>
> Hi bert
> if you download the elecraft kx1 cct from their web site you will see that
> the 4.912 mhz filter is very much the same cct as the pfr3. if you take out the
> 150 pfs from the crystals to chassis on the pfr3 and replace them with
> 1n1004 and feed each 1n1004 by a 10 k resistor as per the kx1 cct and join them
> all together. connect a 100k pot from 5 v to chassis and connect the slider to
> the 10ks then you can alter the bias on the 1n1004's which will alter the
> bandwidth of the pfr3. Elecraft use the proper varactors but i did have any and
> i found that the 1n1004 did a good enough job
> hope that helps, once to have downloaded the cct from the elecraft web site
> you will see the similarity of the to designs .
> cheers
> roy
> GM4VKI
>Roy,

Thanks for the info; I assume the anode of the 1n1004 diodes connects to the filter and the 10k resistors to the cathode? Also do you know of a good location for the 100k pot? I would love to listen in on some of the ssb and am conversations. Will wait for ur comments.

Bert M. Thompson kb3mhb 73

458. Knurled Screw List

Yahoo group: pfr3_group
Date: 2008-09-19 15:19:51 UTC
From: ki6ds@dospalos.org
Topic: 456 Message: 458

Guys the following have taken advantage of the free knurled screw offer for the PFR-3. I have started including the 4 knurled screws in the PFR kits. Any PFR shipped after yesterday will have the knurled screws included. Thanks for the response and I am very pleased that I was able to make so many customers happy with such a small offer. Thanks again. If you are not aware of what is going on, I am giving a set of knurled screws to make it easier to take the top off the case of the PFR-3 to get at the batteries. All that you have to do is email me with Knurled Screw Offer in the subject line, and your address in the following format:

your name
your address
city, state
zip

That is for all orders from US, Canada, and Non Europe. If you are from Europe we will post in a few days how you can get yours. (I will be sending them to Jos Warnier who will distribute them.)

Here is the list so far. Parts will be mailed on Monday.

Jean-Pierre Couture
ROBERT NELSON K2QPN
Ed Worst
George H. Gates
John L. Sielke
Robert Reisenweber
Philip Lazar
Paul Playford
Jerry Brown
T. J. Whatley
Joe Feustle, N8JF
David J. Wilcox, DO
Jerry Palsson
Ken Evans

72, Doug

459. Re: [pfr3_group] Knurled Screw List

Yahoo group: pfr3_group
Date: 2008-09-19 15:48:10 UTC
From: Dieter Klaschka
Topic: 456 Message: 459

Hi, Doug,
You are very generous. Thanks a lot for this great job.
I have contacted Jos already.
72, Dieter DL2BQD
----- Original Message -----
From: ki6ds@...
To: pfr3_group@yahoogroups.com
Sent: Friday, September 19, 2008 5:19 PM
Subject: [pfr3_group] Knurled Screw List

Guys the following have taken advantage of the free knurled screw offer for the PFR-3. I have started including the 4 knurled screws in the PFR kits. Any PFR shipped after yesterday will have the knurled screws included. Thanks for the response and I am very pleased that I was able to make so many customers happy with such a small offer. Thanks again. If you are not aware of what is going on, I am giving a set of knurled screws to make it easier to take the top off the case of the PFR-3 to get at the batteries. All that you have to do is email me with Knurled Screw Offer in the subject line, and your address in the following format:

your name
your address
city, state
zip

That is for all orders from US, Canada, and Non Europe. If you are from Europe we will post in a few days how you can get yours. (I will be sending them to Jos Warnier who will distribute them.)

Here is the list so far. Parts will be mailed on Monday.

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Paul Playford
Jerry Brown
T. J. Whatley
Joe Feustle, N8JF
David J. Wilcox, DO
Jerry Palsson
Ken Evans

72, Doug

460. Knurled Screw Offer

Yahoo group: pfr3_group
Date: 2008-09-20 00:59:20 UTC
From: Dale Putnam
Topic: 456 Message: 460

WC7S
5503 N. College Dr.
Cheyenne, Wy. 82009

This is for the PRF3 that I am building for NR5A Jerry in Rapid City
If it would be possible to get C73 also, please let me know what that cost would be, so I can pay for letting the critter outta the barn.

Thank you,
--... ...--Dale - WC7S in Wy

_____
Stay up to date on your PC, the Web, and your mobile phone with Windows Live.
http://clk.atdmt.com/MRT/go/msnnkwxp1020093185mrt/direct/01/

461. To drum for qrp

Yahoo group: pfr3_group
Date: 2008-09-20 15:20:55 UTC
From: Dieter
Topic: 461 Message: 461

Our American friends may possibly not be aware that the DL QRP group had initiated very successfully an event which they called FOX HUNT. It's a bit misleading indeed since it can't be compared with the DF FoxHunts.
On Monday evenings there are some 'Foxes' on the qrg which are announced in advance
here

http://www.qrpforum.de/hmportal.php

Many of them /p some even SOTA.
You have the task to make contacts for the sake of mutual understanding, fun, testing your equipment - no stress at all, no obligations, no " faif nain nain " only
;-)

The foxes show their logs online then.

Many European Hams applied to operate as a FOX during our spring series 2008. We had Fox-friends from so many countries.

It won't be too easy to get in touch from the state side I belive, an swl report would highly be appreciated then.

But - and it is a big but - this event offers the chance to get PFR to PFR touches from Europe.

So it depends on our own activity to use the QRGs and wave the banner of QRP.

All new PFR owners in EUland are especially kindly invited to take a part as fox or take part in this little event.

I will inform about date, times and qrg a bit later.

First start again for the autumn season will be Oct. 6th.

Kind regards,
72, Dieter DL2BQD

462. Re: [pfr3_group] To drum for qrp

Yahoo group: pfr3_group
Date: 2008-09-20 15:27:11 UTC
From: W2AGN
Topic: 461 Message: 462

Dieter wrote:
> Our American friends may possibly not be aware that the DL QRP group
> had initiated very successfully an event which they called FOX HUNT.
> It's a bit misleading indeed since it can't be compared with the DF
> FoxHunts.
> On Monday evenings there are some 'Foxes' on the qrg which are
> announced in advance
> here
>
> http://www.qrpforum.de/hmportal.php
>

Glad to see our European compatriots following our lead with the QRP Foxhunt.
There has been one here for about 10 years, started by Chuck Adams, then K5FO.
There is both a Summer and a Winter Foxhunt. See http://www.qrpfoxhunt.org for
details and history of this event.

--
+-+-+-+-+-+ w2agn@...
|W|2|A|G|N| Celebrating 50 years
+-+-+-+-+-+ of Amateur Radio
1958-2008 http://w2agn.net
-.- ...-- .... .-.. ..-

463. Re: To drum for qrp

Yahoo group: pfr3_group
Date: 2008-09-20 15:41:44 UTC
From: Dieter
Topic: 461 Message: 463

```
--- In pfr3_group@yahoogroups.com, W2AGN <w2agn@...> wrote:
>
> Dieter wrote:
> > Our American friends may possibly not be aware that the DL QRP
group
> > had initiated very successfully an event which they called FOX
HUNT.
> > It's a bit misleading indeed since it can't be compared with the
DF
> > FoxHunts.
> > On Monday evenings there are some 'Foxes' on the qrg which are
> > announced in advance
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> >
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> >
>
>
> Glad to see our European compatriots following our lead with the
QRP Foxhunt.
> There has been one here for about 10 years, started by Chuck
Adams, then K5FO.
> There is both a Summer and a Winter Foxhunt. See
http://www.qrpfoxhunt.org for
> details and history of this event.
>
> --
> +-+-+-+-+-+ w2agn@...
> |W|2|A|G|N| Celebrating 50 years
> +-+-+-+-+-+ of Amateur Radio
> 1958-2008 http://w2agn.net
> -.- ...-- .... .-.. ..-
>

Hi, John, Thanks for your quick reply. By no means it's kind of a
competition.
I will copy your info to the DL list but I strongly believe that
many friend do know about your foxes. We will drum double the
strength and wave our qrp banner together, hi.
Have a nice Sunday,
72, Dieter
```

464. group 3 pretest, L7

Yahoo group: pfr3_group
Date: 2008-09-22 15:22:24 UTC
From: Dieter
Topic: 464 Message: 464

Hi, fello builders,
the next pic in my album shows the test points for the pretest.
It's just to visualize again what has to be done.

I use a regulated power supply. Again I experienced before that the 9 v battery was empty and no display to be seen. How disappointing!

L7: you see that the wire is generously offered with 8". One can leave the beginning a wee longer. It makes winding the turns a bit easier, but only a bit.
Dieter

465. Re: Newbie to building

Yahoo group: pfr3_group
Date: 2008-09-22 16:24:30 UTC
From: wb8yyy_curt
Topic: 435 Message: 465

Maybe car camping or outings or a diversion from 'normal' rigs.

Rig is certainly too large for backpacking, as it is bigger than the KX1. (For that, the designer of the PFR3 has a smaller rig that sometimes fits in his backpack).

Being intimidated is a good thing. I would try to build something simpler as a warmup to build your confidence.

I dont remember any particular soldering task that was remarkably hard on this kit -- but maybe i would have to look at the board to be reminded! The instructions may require more thinking, meaning getting someone's time to provide detailed answers to your building questions would help.

For a $200 expenditure, this rig provides very high value! 3 bands, digital readout, stable transmit and receive, ... antenna tuner. QSOs can be made with this rig!

73, curt

--- In pfr3_group@yahoogroups.com, "Bob" <bconder@...> wrote:
>
> I'm a newbie to this group and haven't built anything since I was a
> teenager, many yrs ago.
> I'd like to try my hand at the PFR-3, but a bit intimidated.
> How hard/easy is it to screw it up?
> It looks like a great rig for bpacking?
> Tnx,
> Bob K4RLC
>

466. Re: [pfr3_group] Re: Newbie to building

Yahoo group: pfr3_group
Date: 2008-09-22 16:44:07 UTC
From: Dieter Klaschka
Topic: 435 Message: 466

Hi, Bob and Curt,
Bob, How about simply trying to build the pfr-3.
The technical basic advantage (for me) is the one-board-construction and that all smd parts are on board.
The board itself does not offer any difficulties or in other words the only few were mentioned here by the list members.
I do not know how many rigs have been built so far but I am convinced you will get a lot of support here.
So it only will depend on your own skills.

Of course there are other little rigs on the market as well :SW series, SST, S. Weber's tiny rigs -- but all have got their own special construction features. In DL the SW40 is combined with a very good booklet which describes the single stages of the rig-circuit and so offers a very good extra help to understand their functions.
There are also
'training objects' for smd soldering techniques which are offered by DL "QRPproject" - see there - or other "riglets" - Mosquita, RockMite and others...
The pfr offers clear, easy assambling and soldering for 'medium skill' as I would evaluate it - but somehow and somewhen one has got to start.
I can only encourage you.
72, Dieter

----- Original Message -----
From: wb8yyy_curt
To: pfr3_group@yahoogroups.com
Sent: Monday, September 22, 2008 6:24 PM
Subject: [pfr3_group] Re: Newbie to building

Maybe car camping or outings or a diversion from 'normal' rigs.

Rig is certainly too large for backpacking, as it is bigger than the KX1. (For that, the designer of the PFR3 has a smaller rig that sometimes fits in his backpack).

Being intimidated is a good thing. I would try to build something simpler as a warmup to build your confidence.

I dont remember any particular soldering task that was remarkably hard on this kit -- but maybe i would have to look at the board to be reminded! The instructions may require more thinking, meaning getting someone's time to provide detailed answers to your building questions would help.

For a $200 expenditure, this rig provides very high value! 3 bands, digital readout, stable transmit and receive, ... antenna tuner. QSOs can be made with this rig!

73, curt

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>
> I'm a newbie to this group and haven't built anything since I was a
> teenager, many yrs ago.
> I'd like to try my hand at the PFR-3, but a bit intimidated.
> How hard/easy is it to screw it up?
> It looks like a great rig for bpacking?
> Tnx,
> Bob K4RLC
>

467. Success with PFR3

Yahoo group: pfr3_group
Date: 2008-09-23 20:00:24 UTC
From: gregmcgann
Topic: 467 Message: 467

Have been making some good QSOs with the yellow rig over the last week, building went without a hitch even though I had the kitting error with the 6 150pF caps not present (bought some more in maplin at a cost of 60p).

BLT was a little tricky though, the modifications to the number of turns means the thing won't fit well on the board (I know it's been said a few times before). This was the only major difficulty with the build, once the new board revision comes out this should be ironed out.

The mod to the IC tracks was easy (15 mins, taking my time).

Had success even with my lousy CW! (with end fed zepp at 20 meters height). Nice portable rig, no hassle taking around.

Greg
M3AYS

468. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2008-09-24 01:59:44 UTC
From: pfr3_group@yahoogroups.com
Topic: 121 Message: 468

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /PFR-3 REV B.2 manual.pdf
Uploaded by : kd1jv <kd1jv@...>
Description : Rev B.2 manual Sept 22, 2008

You can access this file at the URL:
http://groups.yahoo.com/group/pfr3_group/files/PFR-3%20REV%20B.2%20manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

kd1jv <kd1jv@...>

469. New PFR-3 manual

Yahoo group: pfr3_group
Date: 2008-09-24 02:03:54 UTC
From: kd1jv
Topic: 469 Message: 469

Just up loaded the latest manual for the rig into the files section.
The B.2 manual includes how to do the 5V processor track mod and
improved BLT toroid winding instructions and corrects some other minor
issues which have been pointed out.

470. Re: T1 conundrum

Yahoo group: pfr3_group
Date: 2008-09-24 12:05:40 UTC
From: pablo kiryluk
Topic: 431 Message: 470

I am about to wind t1 today or tomorrow and have the same doubt... 4
or 5 turns? it doesnt seem much but it it about 20 % difference...

Any help would be greatly appreciated...

Dan
LU4DQQ
Argentina

--- In pfr3_group@yahoogroups.com, "gregmcgann" <greg.mcgann@...> wrote:
>
> T1 only seems to have 4 turns shown at the bottom instead of 5 in the
> manual diagram, what should I do??? Make it to match the diagram or
> count for myself?
>

471. RE: [pfr3_group] Re: T1 conundrum

Yahoo group: pfr3_group
Date: 2008-09-24 12:19:33 UTC
From: Dale Putnam
Topic: 431 Message: 471

Hi Pablo,
It would be easier to wind 5, then if there is a problem, during optimization, one turn removal is a lot easier than trying to stretch another turn on.
--... ...--Dale - WC7S in Wy

To: pfr3_group@yahoogroups.comFrom: lu4dqq@...: Wed, 24 Sep 2008 12:05:40 +0000Subject: [pfr3_group] Re: T1 conundrum

I am about to wind t1 today or tomorrow and have the same doubt... 4or 5 turns? it doesnt seem much but it it about 20 % difference... Any help would be greatly appreciated...DanLU4DQQArgentina--- In pfr3_group@yahoogroups.com, "gregmcgann" <greg.mcgann@...> wrote:>> T1 only seems to have 4 turns shown at the bottom instead of 5 in the > manual diagram, what should I do??? Make it to match the diagram or > count for myself?>

_____
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http://windowslive.com/connect/post/jamiethomson.spaces.live.com-Blog-cns!550F681DAD532637!5295.entry?ocid=TXT_TAGLM_WL_domore_092008

472. Re: T1 conundrum

Yahoo group: pfr3_group
Date: 2008-09-24 12:28:15 UTC
From: w2bpi
Topic: 431 Message: 472

I put the 5 turns on mine and everything works OK. George/W2BPI
PS-Are you aware there is a new revised manual available!!!! Version
B2

>
> I am about to wind t1 today or tomorrow and have the same doubt...
4or 5 turns? it doesnt seem much but it it about 20 % difference...
Any help would be greatly appreciated...DanLU4DQQArgentina--- In
pfr3_group@yahoogroups.com, "gregmcgann" <greg.mcgann@> wrote:>> T1
only seems to have 4 turns shown at the bottom instead of 5 in the >
manual diagram, what should I do??? Make it to match the diagram or >
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>
>
>
>
>
> --
> Get more out of the Web. Learn 10 hidden secrets of Windows Live.
> http://windowslive.com/connect/post/jamiethomson.spaces.live.com-
Blog-cns!550F681DAD532637!5295.entry?ocid=TXT_TAGLM_WL_domore_092008
>

473. Re: [pfr3_group] Re: T1 conundrum

Yahoo group: pfr3_group
Date: 2008-09-24 13:44:47 UTC
From: pablo kiryluk
Topic: 431 Message: 473
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

474. knurled screws

Yahoo group: pfr3_group
Date: 2008-09-24 20:15:48 UTC
From: w2bpi
Topic: 474 Message: 474

Rcvd mine today. They work great. George/W2BPI

475. Re: [pfr3_group] Re: T1 conundrum

Yahoo group: pfr3_group
Date: 2008-09-24 22:13:05 UTC
From: Steven Weber
Topic: 431 Message: 475

>...yes! I checked the new version of the manual... thanks! but the t1
>conundrum in version B.2 remains!

Sorry for the confusion. The T1 diagram was ment simply to show how to wind the core so the wire ends come out in the proper locations. I did not pay attention to how many turns were drawn, as I did not expect anyone to count them on the diagram and then compare it to the number called out for in the text! In any event, it is unlikely any noticable difference can be heard between having 4 or 5 turns.
72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://kd1jv.qrpradio.com

476. RE: [pfr3_group] knurled screws

Yahoo group: pfr3_group
Date: 2008-09-25 01:54:40 UTC
From: Dale Putnam
Topic: 474 Message: 476

Rcvd the set here, and just about finished the radio too. over 5 watts on all bands... gotta get it close to a generator now...-... ...--Dale - WC7S in Wy

To: pfr3_group@yahoogroups.comFrom: w2bpi1@...: Wed, 24 Sep 2008 20:15:48 +0000Subject: [pfr3_group] knurled screws

Rcvd mine today. They work great. George/W2BPI

_____
Want to do more with Windows Live? Learn “10 hidden secrets” from Jamie.
http://windowslive.com/connect/post/jamiethomson.spaces.live.com-Blog-cns!550F681DAD532637!5295.entry?ocid=TXT_TAGLM_WL_domore_092008

477. RE: [pfr3_group] knurled screws

Yahoo group: pfr3_group
Date: 2008-09-25 09:20:45 UTC
From: Keith Williams
Topic: 474 Message: 477

Good stuff....finished mine also, boxed together 20 minutes ago, just need to sort out an antenna. Usual problems, can't count when it comes to the number of turns, a couple of tiny solder bridges causing Rx problems, luckily I purchased a jeweller's loupe, vital considering my eyesight!

will see how far 5 watts goes from Sakhalin Island....hope I can get my Reciprocal licence in the next 3 months...

cheers all
Keith

GW4OKT

To: pfr3_group@yahoogroups.comFrom: w2bpi1@...: Wed, 24 Sep 2008 20:15:48 +0000Subject: [pfr3_group] knurled screws

Rcvd mine today. They work great. George/W2BPI

Make a mini you and download it into Windows Live Messenger
http://clk.atdmt.com/UKM/go/111354029/direct/01/

478. Re: Newbie to building

Yahoo group: pfr3_group
Date: 2008-09-25 10:26:21 UTC
From: Dieter
Topic: 435 Message: 478

> > I'm a newbie to this group and haven't built anything since I was
a
> > teenager, many yrs ago.
> > I'd like to try my hand at the PFR-3, but a bit intimidated.
>----snip----------

I wonder whether Bob got the answers or were they simply useless?
No reaction so far. So no more answers&help expected?
Dieter

479. RE: [pfr3_group] Re: Newbie to building

Yahoo group: pfr3_group
Date: 2008-09-25 11:35:18 UTC
From: Dale Putnam
Topic: 435 Message: 479

I'd hope that Bob has gotten all the answers... however, after building for many years, and working a fair piece in the communications industry, I'd bet that he doesn't have them all.... not sure that anyone does... however, with this group, he should be able to find most of them, pretty easily. If not, I'd bet they can be found.
Now, as to building itself, lets go. The PRF-3 is a pretty good start, as are a number of other kits. If one were to start with the kit of choice, and read the directions.. (I know.. that's agin the nature) then wait a day or so... and re-read the directions again, start slow, and ask questions... (man that's three strikes again nature already)... pretty soon, the whole kit will accept power.. the most important of all, the smoke, won't leak...and the entire project will work.. first time.
(Well... what did you expect, after three strikes?)--... ...--Dale - WC7S in Wy

To: pfr3_group@yahoogroups.comFrom: dieter.klaschka@...te: Thu, 25 Sep 2008 10:26:21 +0000Subject: [pfr3_group] Re: Newbie to building

> > I'm a newbie to this group and haven't built anything since I was a > > teenager, many yrs ago.> > I'd like to try my hand at the PFR-3, but a bit intimidated.>----snip----------I wonder whether Bob got the answers or were they simply useless?No reaction so far. So no more answers&help expected?Dieter

_____
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http://clk.atdmt.com/MRT/go/msnnkwxp1020093182mrt/direct/01/

480. Re: Newbie to building

Yahoo group: pfr3_group
Date: 2008-09-25 16:59:21 UTC
From: Bob Conder
Topic: 435 Message: 480

Thanks to all for your useful information.
I'm processing it, along with everything else going on. Including too much work.
It would probably be best to start simple and work up. So I'm looking at the SST as a start. Then, onward and upward, hi.
Thanks again to all who have shared very useful info. Hpe to cu on the bands.
Bob K4RLC

481. Bob SST vs pfr starting kit

Yahoo group: pfr3_group
Date: 2008-09-26 07:33:11 UTC
From: Dieter
Topic: 481 Message: 481

Hi, Bob,
The SST is a good choice . I used mine on CT Madeira this spring
with 1.5 watts and a simple long wire down into a fig tree.
All the other stuff (SWR, tuner..) made it much bigger than it is
itself, hi.
I like the rig because there is no nick-nack, apply power and operate!
Perhaps you can add a BLT tuner into a wee bigger housing - not the
original - so you get a 'smaller pfr for one band' , hi
The qrg- range is rather narrow. You get the feeling as if peeping
thru a fence hole and waiting that someone passes by.
Use the SST as a training object.
Then start building a real pfr-3-bander. Wow!

Good luck, cu on air.
Dieter-bqd

482. Re: [pfr3_group] Re: Newbie to building

Yahoo group: pfr3_group
Date: 2008-09-26 13:53:38 UTC
From: pablo kiryluk
Topic: 435 Message: 482
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

483. Review of the PFR-3

Yahoo group: pfr3_group
Date: 2008-09-26 15:54:22 UTC
From: Jerry Palsson
Topic: 483 Message: 483

There's a nice review of the PFR-3 in the latest issue of the K9YA Telegraph, volume 5, issue 10, October 2008. If you're not a subscriber to this fine newsletter, I highly recommend it!

More information is at:

http://www.k9ya.org/

Jerry AA6KI
Tucson

484. Review of the PFR-3 (follow-up)

Yahoo group: pfr3_group
Date: 2008-09-26 16:07:42 UTC
From: Jerry Palsson
Topic: 484 Message: 484

I should have mentioned that the K9YA Telegraph is a FREE newsletter,
and it is distributed in .pdf format.

Jerry AA6KI

485. Knurled Knobs

Yahoo group: pfr3_group
Date: 2008-09-26 17:49:34 UTC
From: w3bboqrp
Topic: 452 Message: 485

Received the knurled knobs today and a special thanks goes to Doug for supplying them.

I'm thinking of spray painting mine yellow to help in locating them, not if, but when I drop one in the field. Hi.

73 de Bob W3BBO

486. Re: Knurled Knobs

Yahoo group: pfr3_group
Date: 2008-09-26 19:00:06 UTC
From: Jerry Palsson
Topic: 452 Message: 486

I received mine several days ago, and I join you in thanking Doug for
his excellent service.

Now, I wonder if there's a Procrastinator Award for building the
PFR-3? I bought the kit as soon as it was available, and even had the
chip reprogrammed by Steve, KD1JV. But I am just NOW starting the
assembly. It was a very hot summer, you see ... :)

Jerry AA6KI
Tucson

--- In pfr3_group@yahoogroups.com, "w3bboqrp" <w3bbo1@...> wrote:
>
> Received the knurled knobs today and a special thanks goes to Doug for
> supplying them.
>
> I'm thinking of spray painting mine yellow to help in locating them,
> not if, but when I drop one in the field. Hi.
>
> 73 de Bob W3BBO
>

487. Lithium Batteries

Yahoo group: pfr3_group
Date: 2008-09-26 19:23:18 UTC
From: w3bboqrp
Topic: 487 Message: 487

I wanted to switch to Lithium batteries, not because they make for less weight to carry, but in hopes of getting more operating life out of the PFR-3 internal battery pack.

Using a fresh 8-pack of Lithium AA batteries, I found the voltage to be 14.2 Volts, a little too high for the recommended PFR-3 supply. I used a 1/2" dowel, a length of wire and two small screws to fashion a dummy battery.

With this dummy battery and 7 Lithiums, the voltage is now 12.4 Volts, good enough!

73 de Bob W3BBO

488. Re: Lithium Batteries

Yahoo group: pfr3_group
Date: 2008-09-26 19:29:22 UTC
From: w2bpi
Topic: 487 Message: 488

Let us know what kind of life you get from those batteries. Geo/W2BPI

--- In pfr3_group@yahoogroups.com, "w3bboqrp" <w3bbo1@...> wrote:
>
> I wanted to switch to Lithium batteries, not because they make for
> less weight to carry, but in hopes of getting more operating life out
> of the PFR-3 internal battery pack.
>
> Using a fresh 8-pack of Lithium AA batteries, I found the voltage to
> be 14.2 Volts, a little too high for the recommended PFR-3 supply. I
> used a 1/2" dowel, a length of wire and two small screws to fashion a
> dummy battery.
>
> With this dummy battery and 7 Lithiums, the voltage is now 12.4 Volts,
> good enough!
>
> 73 de Bob W3BBO
>

489. Knurled Knobs

Yahoo group: pfr3_group
Date: 2008-09-26 22:34:17 UTC
From: Mecsr
Topic: 452 Message: 489

I received my knobs for the PFR3 Radio and they look really neat!!
I also looked at the outside of the mailer they were sent in and it
says it cost Doug, $1.17 to send them plus the cost of the knobs. I
don't know about anyone else but I'm going to send at least $2.00 to
him via PayPal and, if he doesn't want to apply it to the cost of the
knobs, he can use it to defray cost of those neat little "simple keyer
kits" he makes up and gives away at Hamfests and Conventions

Michael E. Califf,Sr. AB7OC
PFR3,K1,NW40m,RM40m,RM20m,HiMite15m,
DC40A,Pixie2-80m-40m,etc,etc,etc,
SKCC #060
NAQCC
NorCal QRP Club
SPAR

Disabled Veteran USN

490. Re: Knurled Knobs

Yahoo group: pfr3_group
Date: 2008-09-27 00:58:37 UTC
From: w2bpi
Topic: 452 Message: 490

Great idea. Mine are now yellow. Perhaps the push on knurled parts are available in yellow. I know I used to get red ones. George/W2BPI

--- In pfr3_group@yahoogroups.com, "w3bboqrp" <w3bbo1@...> wrote:
>
> Received the knurled knobs today and a special thanks goes to Doug for
> supplying them.
>
> I'm thinking of spray painting mine yellow to help in locating them,
> not if, but when I drop one in the field. Hi.
>
> 73 de Bob W3BBO
>

491. group 4, low pass filters, pics

Yahoo group: pfr3_group
Date: 2008-09-28 12:15:39 UTC
From: Dieter
Topic: 491 Message: 491

Hi,
I have added some pics to the album giving some simple hints
on technology when dealing with this group.
Perhaps it helps the one or other newbie.

Count loudly - seems strange but helps to concentrate. Check turns
twice with fingernail or wooden tooth picker, place evenly round the
core.

When tinning the ends of the wires I use a croco clip Third hand and
hold both ends in them at the same time - more rigid; I turn the
holder to be sure to tin both sides of both wires.

Again the rubber band proved to be a good assistant when soldering the
2 wires of the single coils.

Finally one can grip the soldered ends of the wire with tweezers and
draw while heating the solder spot again, so the coils will get flush
with the board.

Hope it helps.
72, Dieter-bqd

492. Re: group 4, low pass filters, pics

Yahoo group: pfr3_group
Date: 2008-09-28 13:05:19 UTC
From: J.-P. Couture
Topic: 491 Message: 492

In our case, we used some glue to stick the cores to the bottom of the board. More solid that way.

72 de Pete VA2SG

--- In pfr3_group@yahoogroups.com, "Dieter" <dieter.klaschka@...> wrote:
>
> Hi,
> I have added some pics to the album giving some simple hints
> on technology when dealing with this group.
> Perhaps it helps the one or other newbie.
>
> Count loudly - seems strange but helps to concentrate. Check turns
> twice with fingernail or wooden tooth picker, place evenly round the
> core.
>
> When tinning the ends of the wires I use a croco clip Third hand and
> hold both ends in them at the same time - more rigid; I turn the
> holder to be sure to tin both sides of both wires.
>
> Again the rubber band proved to be a good assistant when soldering the
> 2 wires of the single coils.
>
> Finally one can grip the soldered ends of the wire with tweezers and
> draw while heating the solder spot again, so the coils will get flush
> with the board.
>
> Hope it helps.
> 72, Dieter-bqd
>

493. group 5: T2 wire, newest manual 9-08

Yahoo group: pfr3_group
Date: 2008-09-29 11:10:41 UTC
From: Dieter
Topic: 493 Message: 493

Hi,
there is no info on the wire length.

FT43-37 black
#28
25 turns =
14-15 " will do.

Dieter

495. It's time to say good bye

Yahoo group: pfr3_group
Date: 2008-09-30 14:51:34 UTC
From: Dieter
Topic: 495 Message: 495

Dear fellow builders,
I 've just uploaded the last two pics to my album. All soldering is done.
We will be in OE land for a short holiday now.

Thanks to all my compatriot builders who helped with hints and comments.
Special thanks to Dough with his One Man Company.
Hope I could be a wee helpful with my 'illustrated manual'.

Take care all,
cu on the 'yellow air' , Worked All Germany in due time or just for fun.

72, Dieter-bqd

I will still monitor this list for a while of course

www.swschwedt.de/kunden/dl2bqd
Google Earth: Schwedt

496. Re: It's time to say good bye

Yahoo group: pfr3_group
Date: 2008-09-30 15:08:48 UTC
From: J.-P. Couture
Topic: 495 Message: 496

Congrats Dieter,

Tnx for all your info and photos. I too come to visit from time to time, when I cant be on the air with the yellow box hi.

72 73 GL and hope to QSO

Pete VA2SG

--- In pfr3_group@yahoogroups.com, "Dieter" <dieter.klaschka@...> wrote:
>
> Dear fellow builders,
> I 've just uploaded the last two pics to my album. All soldering
> is done.
> We will be in OE land for a short holiday now.
>
> Thanks to all my compatriot builders who helped with hints and
> comments.
> Special thanks to Dough with his One Man Company.
> Hope I could be a wee helpful with my 'illustrated manual'.
>
> Take care all,
> cu on the 'yellow air' , Worked All Germany in due time or just for
> fun.
>
> 72, Dieter-bqd
>
> I will still monitor this list for a while of course
>
> www.swschwedt.de/kunden/dl2bqd
> Google Earth: Schwedt
>

497. Auf Wiedersehen

Yahoo group: pfr3_group
Date: 2008-09-30 18:13:23 UTC
From: grant vyborny
Topic: 497 Message: 497
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

498. Re: It's time to say good bye

Yahoo group: pfr3_group
Date: 2008-10-01 05:57:02 UTC
From: db9pu
Topic: 495 Message: 498

Hello Dieter,
I hope you enjoy the holidays in OE. Your comments and pictures were
very helpful in order to build the yellow tx.
Hope to meet you on air.
Thank for sharing your expertise.
73 de db9pu
Heini

--- In pfr3_group@yahoogroups.com, "Dieter" <dieter.klaschka@...>
wrote:
>
> Dear fellow builders,
> I 've just uploaded the last two pics to my album. All soldering
> is done.
> We will be in OE land for a short holiday now.
>
> Thanks to all my compatriot builders who helped with hints and
> comments.
> Special thanks to Dough with his One Man Company.
> Hope I could be a wee helpful with my 'illustrated manual'.
>
> Take care all,
> cu on the 'yellow air' , Worked All Germany in due time or just for
> fun.
>
> 72, Dieter-bqd
>
> I will still monitor this list for a while of course
>
> www.swschwedt.de/kunden/dl2bqd
> Google Earth: Schwedt
>

499. Re: [pfr3_group] It's time to say good bye

Yahoo group: pfr3_group
Date: 2008-10-01 13:44:39 UTC
From: pablo kiryluk
Topic: 495 Message: 499
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

500. Change History

Yahoo group: pfr3_group
Date: 2008-10-03 21:09:43 UTC
From: Dean Davis
Topic: 500 Message: 500

Does someone have a complete list of mods to make to older PFR3's to bring them up to date.

I understand that there was an issue with the BLT and another on board update.

Anyway I would like to see a complete list.

Dean, N7XG

501. WANTED TO BUY PFR-3, DEAD OR ALIVE

Yahoo group: pfr3_group
Date: 2008-10-05 23:36:41 UTC
From: Ted
Topic: 501 Message: 501

I'm looking for another PFR-3, working or not, but reasonably complete.

Will pay via US Post Office Money Order.

Describe condition and asking price on first email.

73

AJ8T AT YMAIL DOT COM

502. I can proudly announce...

Yahoo group: pfr3_group
Date: 2008-10-06 11:52:39 UTC
From: pablo kiryluk
Topic: 502 Message: 502

... on the last week end I had my first ever QSO on CW, with my first ever assembled transceiver kit (pfr3) and despite I am 47 years old I am happier than one of my kids with a new toy...

Pablo
LU4DQQ
Argentina

503. RE: [pfr3_group] I can proudly announce...

Yahoo group: pfr3_group
Date: 2008-10-06 11:58:03 UTC
From: Dale Putnam
Topic: 502 Message: 503

Congratulations Paublo, it is a fun build, and even more fun to operate.
A mountain climbed and always remembered.Maybe we can have a PRF to PRF Q.
--... ...--Dale - WC7S in Wy

To: pfr3_group@yahoogroups.comFrom: lu4dqq@gmail.comDate: Mon, 6 Oct 2008 11:52:39 +0000Subject: [pfr3_group] I can proudly announce...

... on the last week end I had my first ever QSO on CW, with my first ever assembled transceiver kit (pfr3) and despite I am 47 years old I am happier than one of my kids with a new toy...PabloLU4DQQArgentina

_____
Stay up to date on your PC, the Web, and your mobile phone with Windows Live.
http://clk.atdmt.com/MRT/go/msnnkwxp1020093185mrt/direct/01/

504. Re: BLT MODS for PFR3

Yahoo group: pfr3_group
Date: 2008-10-06 15:10:55 UTC
From: pablo kiryluk
Topic: 15 Message: 504

I can *perfectly* match the pfr3 with my 1/2 g5rv with the Norcal BLT tuner. But no luck with the internal pfr3 tuner.

Would copying the same number of turns than I have in the Norcal BLT into the pfr3 internal tuner give me the same result than I have with the external tuner? Schematics seem to be pretty similar.

Any comments would be greatly appreciated.

PD: (I chequed the "BLT mod" thread

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
> Well I made the mods to the tuner that Steve sugested. It certainly
> made a diference. If your building now I suggest you do the mods.
It is
> not so easy to modify after building and putting the unit in it's
case.
> 73 George/W2BPI
>

505. BLT mod

Yahoo group: pfr3_group
Date: 2008-10-06 15:13:43 UTC
From: pablo kiryluk
Topic: 505 Message: 505

I can *perfectly* match the pfr3 with my 1/2 g5rv with the external
Norcal BLT
tuner. But no luck with the internal pfr3 tuner.

Would copying the same number of turns than I have in the Norcal BLT
into the pfr3 internal tuner give me the same results than I have with
the external tuner? Schematics seem to be pretty similar.

Any comments would be greatly appreciated.

PD: (I chequed the "BLT mod" thread

506. DDS 10Mhz frequency not saving

Yahoo group: pfr3_group
Date: 2008-10-07 12:04:39 UTC
From: dogbulter
Topic: 506 Message: 506

I am having an issue setting the 10 Mhz frequency located at TP-1. After I enter the calibration mode, I set the frequency to 10Mhz and press the KEYER button to set the frequency. I then reenter the calibration mode to check the frequency and it never saved. Am I pressing the wrong button to save the frequency? The manual states to press the KEYER button to save it.

507. Re: [pfr3_group] DDS 10Mhz frequency not saving

Yahoo group: pfr3_group
Date: 2008-10-07 14:52:45 UTC
From: Steven Weber
Topic: 506 Message: 507

>I am having an issue setting the 10 Mhz frequency located at TP-1.
>After I enter the calibration mode, I set the frequency to 10Mhz and
>press the KEYER button to set the frequency. I then reenter the
>calibration mode to check the frequency and it never saved. Am I
>pressing the wrong button to save the frequency? The manual states to
>press the KEYER button to save it.

And it is indeed saved. Each time you enter the calibration mode, the
default values are reloaded as the starting point. This is done so that
there is a known good starting point each time.

It is possible (though hopefully remote) that the EEPROM data can get
corrupted, so the calibartion number could be way off. Should this happen
and the number found in the EEPROM is used as the starting point, it may
not be possible to retune to the proper frequency, or it could take a long
time to do so.

508. Re: [pfr3_group] DDS 10Mhz frequency not saving

Yahoo group: pfr3_group
Date: 2008-10-07 16:05:32 UTC
From: ki6ds@dospalos.org
Topic: 506 Message: 508

Steve, I am at school and need to order some more displays for the DDial.
Do you have the Digikey part number? How are you coming with the
prototype? Like the case?? Doug

509. Re: [pfr3_group] DDS 10Mhz frequency not saving

Yahoo group: pfr3_group
Date: 2008-10-07 16:25:46 UTC
From: ki6ds@dospalos.org
Topic: 506 Message: 509

Oops, sorry about that. Steve and I are obviously working on another new product. You will like this one too!! 72, doug

> Steve, I am at school and need to order some more displays for the DDial.
> Do you have the Digikey part number? How are you coming with the
> prototype? Like the case?? Doug
>
>

510. Re: DDS 10Mhz frequency not saving

Yahoo group: pfr3_group
Date: 2008-10-07 16:40:55 UTC
From: J.-P. Couture
Topic: 506 Message: 510

What new stuff? Pse tell us.

VA2SG

--- In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>
> Oops, sorry about that. Steve and I are obviously working on another
new
> product. You will like this one too!! 72, doug
>
> > Steve, I am at school and need to order some more displays for the
DDial.
> > Do you have the Digikey part number? How are you coming with the
> > prototype? Like the case?? Doug
> >
> >
>

511. New product

Yahoo group: pfr3_group
Date: 2008-10-07 19:33:13 UTC
From: Steven Weber
Topic: 506 Message: 511

>What new stuff? Pse tell us.
>
>VA2SG
>

Well, I guess we can tell. It will hopefully be offically introduced at Pacificon in about 12 days if the prototype is ready by then (which it should be).

Anyway, this is a dual band rig of similer design to the PFR, but in a more traditional type case and rotory knob tuning. No built in tuner. The rig can be built for any two bands, 80 through 15 meters, your choice of which two bands. (specified at time of order, I think a high band for day and a low band for night would be the best combination). Band selection is done with a front panel toggle switch and relays. I also came up with a simple audio derived AGC circuit which will help keep strong signals from blasting out your ears. The case has a place for an internal speaker, which I'm not sure will be supplied or not yet. That will be up to Doug. Price: TBD, but a LOT less than a K1 :-)

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://kd1jv.qrpradio.com

512. Speaker output

Yahoo group: pfr3_group
Date: 2008-10-08 01:42:53 UTC
From: jim.ford15
Topic: 512 Message: 512

I was wondering if anybody put 12 V on the LM386 instead of 6 V so that it might have enough output for a small speaker. I wonder what is the circuit component that does not like 13 plus volts? I think the LM386 audio output is rated to 15V.

Jim Ford, N6JF

513. Re: [pfr3_group] Speaker output

Yahoo group: pfr3_group
Date: 2008-10-08 04:39:44 UTC
From: Jerry Haigwood
Topic: 512 Message: 513

Jim,
Some LM386s are only rated for 12V max. I am not sure which one Steve chose to use. You might try one of the voltage regulators that do not require much overhead voltage and set it for 11V. Hopefully the regulator will track once the voltage goes below 11V. Also an efficient speaker helps a lot. If you have one of the old Motorola TN6000 speakers (cast frame and metal box) that were used with the Motrac series of radios, try it. It is one of the most efficient speakers I have ever seen.
Jerry W5JH

----- Original Message -----
From: jim.ford15
To: pfr3_group@yahoogroups.com
Sent: Tuesday, October 07, 2008 6:42 PM
Subject: [pfr3_group] Speaker output

I was wondering if anybody put 12 V on the LM386 instead of 6 V so that
it might have enough output for a small speaker. I wonder what is the
circuit component that does not like 13 plus volts? I think the LM386
audio output is rated to 15V.

Jim Ford, N6JF

514. Re: Speaker output

Yahoo group: pfr3_group
Date: 2008-10-08 11:11:08 UTC
From: w2bpi
Topic: 512 Message: 514

What i did for more volume was connect a small Volume control in series with a 10 uf electolitic capacitor. Then on the bottom of the board I soldered it across pins 1&8 if the LM386 audio amp. Connect + side of capacitor to pin one. This will increase audio out considerly. The small pot allows me to adjust the max output. (I used a very small pot like you usually mount on a pcb) I have not tried a speaker, but am sure I could drive one now. I did this mod becuz of hearing loss here.
George/W2BPI

> Subject: [pfr3_group] Speaker output
>
>
> I was wondering if anybody put 12 V on the LM386 instead of 6 V so
that
> it might have enough output for a small speaker. I wonder what is
the
> circuit component that does not like 13 plus volts? I think the
LM386
> audio output is rated to 15V.
>
> Jim Ford, N6JF
>

515. Re: New product

Yahoo group: pfr3_group
Date: 2008-10-08 15:38:51 UTC
From: n3ham1
Topic: 506 Message: 515

--- In pfr3_group@yahoogroups.com, Steven Weber <kd1jv@...> wrote:
>
>
> >What new stuff? Pse tell us.
> >
> >VA2SG
> >
>
> Well, I guess we can tell. It will hopefully be offically
introduced at
> Pacificon in about 12 days if the prototype is ready by then (which
it
> should be).
>
> Anyway, this is a dual band rig of similer design to the PFR, but
in a more
> traditional type case and rotory knob tuning. No built in tuner.
The rig
> can be built for any two bands, 80 through 15 meters, your choice
of which
> two bands. (specified at time of order, I think a high band for day
and a
> low band for night would be the best combination). Band selection
is done
> with a front panel toggle switch and relays. I also came up with a
simple
> audio derived AGC circuit which will help keep strong signals from
blasting
> out your ears. The case has a place for an internal speaker, which
I'm not
> sure will be supplied or not yet. That will be up to Doug. Price:
TBD, but
> a LOT less than a K1 :-)
>
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> http://kd1jv.qrpradio.com
>
Cool beans Steve, Some of us may just have found our winter 'cabin
fever' project. I've been racking up the QSOs at the park with the
PFR3. It's all I really need in a field rig but the qrp bug sure

bites hard. Let us know the details after the unveiling.
72/73 Jerry N3HAM

516. Re: New product

Yahoo group: pfr3_group
Date: 2008-10-08 17:12:25 UTC
From: Jim Fraser
Topic: 506 Message: 516

Cool, looks like I will have to plan to make the 30 mile drive to the convention and check it out!

Jim K6JF

--- In pfr3_group@yahoogroups.com, Steven Weber <kd1jv@...> wrote:
>
>
> >What new stuff? Pse tell us.
> >
> >VA2SG
> >
>
> Well, I guess we can tell. It will hopefully be offically introduced at
> Pacificon in about 12 days if the prototype is ready by then (which it
> should be).
>
> Anyway, this is a dual band rig of similer design to the PFR, but in a more
> traditional type case and rotory knob tuning. No built in tuner. The rig
> can be built for any two bands, 80 through 15 meters, your choice of which
> two bands. (specified at time of order, I think a high band for day and a
> low band for night would be the best combination). Band selection is done
> with a front panel toggle switch and relays. I also came up with a simple
> audio derived AGC circuit which will help keep strong signals from blasting
> out your ears. The case has a place for an internal speaker, which I'm not
> sure will be supplied or not yet. That will be up to Doug. Price: TBD, but
> a LOT less than a K1 :-)
>
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire

> http://kd1jv.qrpradio.com
>

517. Re: ssb rec with the pfr3

Yahoo group: pfr3_group
Date: 2008-10-09 12:13:39 UTC
From: Bert M. Thompson
Topic: 384 Message: 517

--- In pfr3_group@yahoogroups.com, "Bert M. Thompson"
<bertthompson@...> wrote:
>
> --- In pfr3_group@yahoogroups.com, rkavampsev@ wrote:
> >
> >
> > Hi bert
> > if you download the elecraft kx1 cct from their web site you will
> see that
> > the 4.912 mhz filter is very much the same cct as the pfr3. if
you
> take out the
> > 150 pfs from the crystals to chassis on the pfr3 and replace
them
> with
> > 1n1004 and feed each 1n1004 by a 10 k resistor as per the kx1
cct
> and join them
> > all together. connect a 100k pot from 5 v to chassis and connect
> the slider to
> > the 10ks then you can alter the bias on the 1n1004's which will
> alter the
> > bandwidth of the pfr3. Elecraft use the proper varactors but i
did
> have any and
> > i found that the 1n1004 did a good enough job
> > hope that helps, once to have downloaded the cct from the
elecraft
> web site
> > you will see the similarity of the to designs .
> > cheers
> > roy
> > GM4VKI
> >Roy,
>
> Thanks for the info; I assume the anode of the 1n1004 diodes
connects
> to the filter and the 10k resistors to the cathode? Also do you
know
> of a good location for the 100k pot? I would love to listen in on
> some of the ssb and am conversations. Will wait for ur comments.
>
> Bert M. Thompson kb3mhb 73
>Roy,

Well I got the parts together ,however, could not find 1n1004 diodes perhaps you ment 1n4004. I also think I have found a good location for the 100k pot .. on top of the neaby "blt" cap. This way I can drill a hole in the bottom of the case and adjust the pot. Will start soon but miss the down time. I use my rig everyday and the condx are getting better and better.

Thanks again for the idea Roy Bert M. Thompson kb3mhb 73

518. Re: [pfr3_group] Re: ssb rec with the pfr3

Yahoo group: pfr3_group
Date: 2008-10-09 12:23:22 UTC
From: pablo kiryluk
Topic: 384 Message: 518
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

519. SSB WITH THE PFR3

Yahoo group: pfr3_group
Date: 2008-10-09 19:30:16 UTC
From: merlinrail
Topic: 519 Message: 519

yep sorry group i did in fact mean 1n4004 diodes .
i tried 1n418s to start with but they didnt have enought swing .
have fun .
I suppose if you want you could biuld the XTAL filter as a separate
unit as the xtals are very cheep and just tag it in place with a C/O
sw to select SSB or CW.
only a thought ??
This is not so much a mod but as my CW is rubbish i have made a
Printed CCT box up which is held up the back at an angle by the two
antenna terminals and it holds a Cumbriadesignes CW reader complete
in it . the input from the cw reader is just plugged in parrallel
with the headphone socket .
the whole lot is only 1.5 inch by 1.5 inchs by 4 inches and i have
made the front with the display sloping .
certainly helps my CW, picks up power from the Dc input to the set .
have a look at .

CW MORSE READER
Cumbria Designs, Frequency Counter kits and Digital Display ...
Cumbria Designs, innovative kits for the QRP and Ham Radio enthusiast.

www.cumbriadesigns.co.uk

cheers and Beers
Roy
GM4VKI

520. Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2008-10-16 20:57:26 UTC
From: Warnier jos
Topic: 520 Message: 520

Hi Doug,I am sorri to tell You,but till today no "knurled thumbscrews"
seen yet.
I hope nothing went wrong during transport ?

promised , as soon the packet arrives here , I will let You known.
-maybe more luck tomorrow ;-)
kind regards
Jos
ON6WJ

521. Re: [pfr3_group] Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2008-10-16 21:09:02 UTC
From: ki6ds@dospalos.org
Topic: 520 Message: 521

Warner, I was buried with US orders. I figured there would be 10 or so, there were over 70!!. Used up all my stock, had to order and waiting on them to arrive. Sorry, but they will be sent to you when I get them.
Doug

> Hi Doug,I am sorri to tell You,but till today no "knurled thumbscrews"
> seen yet.
> I hope nothing went wrong during transport ?
>
> promised , as soon the packet arrives here , I will let You known.
> -maybe more luck tomorrow ;-)
> kind regards
> Jos
> ON6WJ
>
>

522. Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2008-10-16 22:46:46 UTC
From: Warnier jos
Topic: 520 Message: 522

OK Doug,
no problem ,
so all the thumbscrews out of stock ?...meaning these little
"Yellow Boxes" are very popular amoungst the QRP community hi!
I am shure they will arrive here one day.
thank You for answering
72&73's
Jos

--- In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>
> Warner, I was buried with US orders. I figured there would be 10
or so,
> there were over 70!!. Used up all my stock, had to order and
waiting on
> them to arrive. Sorry, but they will be sent to you when I get
them.
> Doug
>
>
> > Hi Doug,I am sorri to tell You,but till today no "knurled
thumbscrews"
> > seen yet.
> > I hope nothing went wrong during transport ?
> >
> > promised , as soon the packet arrives here , I will let You
known.
> > -maybe more luck tomorrow ;-)
> > kind regards
> > Jos
> > ON6WJ
> >
> >
>

523. Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2008-10-17 13:03:07 UTC
From: J.-P. Couture
Topic: 520 Message: 523

Well, good lesson for you Doug. Do not sell good QRP rigs at
affordable prices, or you'll be in trouble.

hi hi

I was kidding. I received my screws and its just perfect. Tnx very
much Doug, this is great service.

Tomorrow afternoon and early evening, look for VA2SG/P on 20, 30 and
40 for the Polar bear moonlight madness event. Probably mostly 20 and
30, as the RTTY contest will probably make 40 unusable.

I am not myself against RTTY, I like digital, but I dont like them at
7,040.

Pete VA2SG

--- In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>
> Warner, I was buried with US orders. I figured there would be 10
or so,
> there were over 70!!. Used up all my stock, had to order and
waiting on
> them to arrive. Sorry, but they will be sent to you when I get
them.
> Doug
>
>
> > Hi Doug,I am sorri to tell You,but till today no "knurled
thumbscrews"
> > seen yet.
> > I hope nothing went wrong during transport ?
> >
> > promised , as soon the packet arrives here , I will let You known.
> > -maybe more luck tomorrow ;-)
> > kind regards
> > Jos
> > ON6WJ
> >
> >
>

524. pics on PFR

Yahoo group: pfr3_group
Date: 2008-10-18 16:35:16 UTC
From: Dieter
Topic: 524 Message: 524

Sorry, in case I mentioned this before

http://fsaarc.org/phpwebgallery/picture.php?/531/category/23

72, Dieter dl2bqd

525. RE: [pfr3_group] pics on PFR

Yahoo group: pfr3_group
Date: 2008-10-18 18:07:54 UTC
From: Paul Feltz
Topic: 524 Message: 525

Great pictures! Thanks. I am still building mine and hung up on the audio section smoke test. I have just about decided that the LM386 ([U4] is bad. Also, noted that the schematic on U4 is not correct. Pin 6 is acutally 5 and pin 7 is actually 6.

73s Paul WA0VDM

To: pfr3_group@yahoogroups.comFrom: dieter.klaschka@...: Sat, 18 Oct 2008 16:35:16 +0000Subject: [pfr3_group] pics on PFR

Sorry, in case I mentioned this beforehttp://fsaarc.org/phpwebgallery/picture.php?/531/category/2372, Dieter dl2bqd

_____
Stay organized with simple drag and drop from Windows Live Hotmail.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_102008

526. group 5 T3 main winding

Yahoo group: pfr3_group
Date: 2008-10-19 09:16:11 UTC
From: Dieter
Topic: 526 Message: 526

Here are some other thoughts from my note pad on this group.
To remember and for those who have not yet thumbed thru the previous 500 entries:

When the list came alive there was some confusion on the right numbers of turns for T3.
Then there was an article worth reading on modifications by Steve W.
After that a general agreement to use the given numbers one finds in the today's manual (I am using it September 2008).

MIND: The schematics of the tuner does not correspond at all with the now used numbers of turns - there should be a hint in the manual at least or a revised drawing!!

I have put a photo in my album showing 'group 5 RevB page 12 and board bottom side' - there I refer to 12 turns, which now should be 11!!

Manual, p 12, winding T3:
The text refers to # 24 wire. One has to check which wire is in the kit.
Mine is green enamelled 0,030 " which my compatriots on this side of the pond will easily recognize as 0,78 mm and which equals to ca AWG 20, 21. Right?

I cut ca 16" (not the 30" suggested in the manual) for the 11 turns adding a good inch at the start and at the end and wound it closely on the T 1o6-2 (the revised manual still names it as 100-2)
One mechanical turn of #20,21 on the core is about 1,41" so you can calculate yourself.

On counting:
When we follow the rule of thumb that ONE turn is when the wire passes thru the hole of the core then the tap will be on the outside of turn 6.
When you start counting from the end then the tap is on 5 1/2 indeed.
That's the miracle of the 5 1/2 turns.

When you do know that the start of the turns shall be 'in the hole' and the end outside of it because this way they suit best the position to the solder pads/staggereed holes - then it is really easy to wind the 11 turns whether you are left handed or a right hander, or even you have two left thumbs hi.
Pse cf my pic T3 model.

When finished hold the core roughly in position and you will find out the correct measures of how long you have got to scrape off the insulation at the ends.

I like the concise manual-instructions.
I would like a good photo of an enlargened core though - kind of explosive image - attached to this chapter showing all three windings with colored wires...(ON6WJ, Jos, shows it in his album)
I do not like the tiny drawing in the manual.

In the photo mentioned above I tried to mirror the places where the wires have to go to the bottom side of the board.

Since it is an electronic manual there could also be some blank space between the instruction bullets describing the single steps - this would make reading and assembling a wee easier. Space is no problem I think.

72, Dieter

527. Re: [pfr3_group] group 5 T3 main winding

Yahoo group: pfr3_group
Date: 2008-10-20 17:51:02 UTC
From: pablo kiryluk
Topic: 526 Message: 527
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

528. PFR3 receiver sensitivity...

Yahoo group: pfr3_group
Date: 2008-10-20 18:11:13 UTC
From: pablo kiryluk
Topic: 528 Message: 528
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

529. RE: [pfr3_group] PFR3 receiver sensitivity...

Yahoo group: pfr3_group
Date: 2008-10-20 23:22:05 UTC
From: Dale Putnam
Topic: 528 Message: 529

Hi Pablo,
The ones I have measured, come out usually very close to .2 uv MDS.. and that is very good. I've heard quite a bit with them, very nice indeed.
--... ...--Dale - WC7S in Wy

To: pfr3_group@yahoogroups.comFrom: lu4dqq@...: Mon, 20 Oct 2008 15:11:13 -0300Subject: [pfr3_group] PFR3 receiver sensitivity...

Late at night, with my PFR3 I copy literally dozens of German hams, USA hams piling up on Japanese hams and so on...
I am amazed by the sensitivity of this rig... despite I have a very modest short G5RV by the laundry line bearly above the roof. I hear DK3FW very often...
Do you guys have the same SWL experiences with this rig?
73
Pablo Daniel Kiryluk
LU4DQQ
Argentina

_____
You live life beyond your PC. So now Windows goes beyond your PC.
http://clk.atdmt.com/MRT/go/115298556/direct/01/

530. Re: [pfr3_group] group 5 T3 main winding

Yahoo group: pfr3_group
Date: 2008-10-21 07:18:50 UTC
From: Dieter Klaschka
Topic: 526 Message: 530

Dear Pablo,

As you have read some contributions on the internal tuner of the PFR you will have found out that obviously it can not tune/match all antennas.
If your BLT NorCal has the s a m e Cs as the pfr blt has - why not replace it then. This should work then definitely together with the ants. y o u have already used/ are using.
In other words: one has got also to find t h e antenna which will be tuned with the pfr blt!

The G5RV originally was designed for 14 Mhz - no tuner at all!!
Some people use pfr with a LW plus 9:1 balun,
some 2x7.50m dipole with 300Ohm ladder line (nearly NorCal Doublet) , all with different results
etc, etc

If you might find the article by Charles Lofgren on his ZMatch designs you will easily see that it is not too easy to find satisfactory results.
The articles by the late Cebik give so many hints on antennas.
There is also the CD "SPRAT on CD" by the GQRP club which offers a bunch of hints on tuners. There is one by HaJo, DJ1ZB, who always used and uses lw with his well known wire tuner - but this of course will not fit into the cabinet of the pfr, hi... But intersting anyway.
(they, I mentioned, are the real experts!)

To compare wiring & turns:
I know that one can download the schematics of the ZM2 from the DL qrpProject homepage (or from elswhere) . This ZM does a jolly good job. It was extended by qrpproject to do even more and is known as ZM4.

What I would suggest is to build kind of an external pfr tuner with the now used Cs (polyvaricons) where you can easily change and modify turns for all three windings and test it together with
y o u r antennas or take the pfr outside and try to use different antennas with the pfr - but on antennas, that's another story..

Regards, Dieter-dl2bqd

----- Original Message -----
From: pablo kiryluk
To: pfr3_group@yahoogroups.com
Sent: Monday, October 20, 2008 7:51 PM
Subject: Re: [pfr3_group] group 5 T3 main winding

Dear Dieter, wellcome back!
As you are (i think) an experienced builder on the pfr3 let me ask you the following:
I can not get to match the internal tuner of the pfr3t with my ant, but when I use the coax socket I can tune it perfectly with my blt norcal tuner... wich is basically the same

schematic! *but*, the core is wound with 16 turns on the primary and 12 turns to the hi z secondary. My question to you would be: winding the toroid in the internal tuner of the pfr3 with(16-12) would get me the same satifactory results than with my blt norcal tuner...? Your comments would be greatly appreciated...
73
LU4DQQ
Argentina

2008/10/19, Dieter <dieter.klaschka@...>:
Here are some other thoughts from my note pad on this group.
To remember and for those who have not yet thumbed thru the previous 500 entries:

When the list came alive there was some confusion on the right numbers of turns for T3.
Then there was an article worth reading on modifications by Steve W.
After that a general agreement to use the given numbers one finds in the today's manual (I am using it September 2008).

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The text refers to # 24 wire. One has to check which wire is in the kit.
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That's the miracle of the 5 1/2 turns.

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hander, or even you have two left thumbs hi.
Pse cf my pic T3 model.

When finished hold the core roughly in position and you will find out the correct measures of how long you have got to scrape off the insulation at the ends.

I like the concise manual-instructions.
I would like a good photo of an enlargened core though - kind of explosive image - attached to this chapter showing all three windings with colored wires...(ON6WJ, Jos, shows it in his album)
I do not like the tiny drawing in the manual.

In the photo mentioned above I tried to mirror the places where the wires have to go to the bottom side of the board.

Since it is an electronic manual there could also be some blank space between the instruction bullets describing the single steps - this would make reading and assembling a wee easier. Space is no problem I think.

72, Dieter

531. Headphones for PFR-3

Yahoo group: pfr3_group
Date: 2008-10-22 16:05:21 UTC
From: Cal Cotner
Topic: 531 Message: 531

Hi all,
Anyone have suggestions for inexpensive, sensitive, lightweight, over- the- head headphones for use with the PFR-3? Also, what impedance is recommended - low I know, but does 32 Ohms vs 16 Ohms make a difference?
I have a set of COBY CV-670 phones, with 115 dB sensitivity, but they're large and heavy. The best sensitivity (108 dB) in lightweight headphones I've seen appears to be the Sony S2.
I'd sure appreciate any suggestions.
Cal K4JSI

532. pfr in action 16th Novenmber 2008

Yahoo group: pfr3_group
Date: 2008-10-22 16:33:51 UTC
From: Dieter Klaschka
Topic: 532 Message: 532

Dear all,
How about using the new PFR-3 on 40 m the first time im a
traditional QRP activity?
It's a pleasure to inform you here on the pfr-list and to support the
activity of the qrp contest community this way.

PFRs on the Air!
72, Dieter-bqd

QRP-CONTEST-COMMUNITY
c/o Dr. Hartmut Weber, DJ7ST
Schlesierweg 13
D-38228 SALZGITTER
e-mail: dj7st@...
web: http://www.qrpcc.de

Invitation to attend a great party:
HOMEBREW & OLDTIME - EQUIPMENT PARTY (HOT-PARTY) 16th Nov. 08

16. Nov 16. Nov 16. Nov 16. Nov 16. Nov 16. Nov

Once a year - not only a real contest, more an honor to take part
in,
a pity to miss it.

Use your oldest equipment ever built or your new homebrew - it will be
a special honor to see a lot of Hendricks PFR rigs in the logs.
No Collins Line necessary, no 500 watt-amplifier.
Five watts QRP,
no
"buy & plug & play & no idea how my toy is playing"

2 1. H O M E B R E W & O L D T I M E - E Q U I P M E N T - P A
R T Y

----------Feel
well among the other guests who will use their rigs:

Class A: tx AND rx homebrew or older than 30 Jahre

KLASSE B: tx OR rx homebrew or older than 30 Jahre
(You are allowed to add a newer or commercial tx/rx to
your homebrew produce - rx or tx)

KLASSE C: QRP-TX below 10 Watt In- or 5 Watt Output, HB or >30
years

TIME 16. November 2008 (3rd Sunday in Nov.)

That's the "PFR QRG": 13-15 UTC: 7010-7040 kHz,

15-17 UTC: 3510-3560 kHz

Participation: Single-OP in CW,

CALL: CQ HOT

Points: classA with C: 3 points
B with A, C (u. vice versa): 2 pts
B with B: 1 point
(no multipliers)

Exchange: e.g.. 579001/A. Serial-No. beginning 001 on 40m AND (!) 80m.
(Feel free to tell your name or qth and even have a short chat.
Possibly it won't be neccessary - many of the participants do know
each other. You are cordially welcome.)

LOGS: Please inform about your stations in the log (Type, year). You
may use a short description of ca 40 letters to be seen in the final
results list.

Log dates dead line: 15. Dec.
to:
Dr. Hartmut Weber, DJ7ST, Schlesierweg 13,
D-38228 SALZGITTER
e-mail: dj7st@...
(e-Logs please no .zip but pure txt or
ASCII-, STF-or LM-Format)

- - - - - - - - - -
CU 21. HOT-PARTY 16. November!

73 Hartmut ("Hal"), DJ7ST

533. ZMatch

Yahoo group: pfr3_group
Date: 2008-10-22 18:43:37 UTC
From: Dieter
Topic: 533 Message: 533

Hi,
For the keen experimenters:
http://www.ad5x.com/images/Articles/Ztuner.pdf

72, Dieter

534. Re: [pfr3_group] group 5 T3 main winding

Yahoo group: pfr3_group
Date: 2008-10-22 18:47:02 UTC
From: pablo kiryluk
Topic: 526 Message: 534
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

535. Fwd: [pfr3_group] group 5 T3 main winding

Yahoo group: pfr3_group
Date: 2008-10-23 11:44:08 UTC
From: pablo kiryluk
Topic: 526 Message: 535
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

536. 11 Oct., 2008, Mt. Pinos, trip #2.

Yahoo group: pfr3_group
Date: 2008-10-23 20:00:04 UTC
From: sigcom1
Topic: 536 Message: 536

http://www.flickr.com/photos/16840480@N02/2933530696/

537. Re: [pfr3_group] 11 Oct., 2008, Mt. Pinos, trip #2.

Yahoo group: pfr3_group
Date: 2008-10-23 20:31:09 UTC
From: ki6ds@dospalos.org
Topic: 536 Message: 537

Steve it is always a pleasure to see you and Mike. I really enjoy the two of you and look forward to seeing you at Pacificon every year. Thanks for making the trip and helping to "make" my Pacificon. Doug

> http://www.flickr.com/photos/16840480@N02/2933530696/
>
>

538. Re: Pacificon

Yahoo group: pfr3_group
Date: 2008-10-24 03:57:55 UTC
From: sigcom@juno.com
Topic: 538 Message: 538

Thank -you- Doug for all the work you and the team put into making QRPacificon a roaring success.

It was wonderful to once again be able to attend the festivities, especially with my best ham buddy, Mike.

One thing that struck me, and I didn't even realize it until I got home and was savoring the memories, is that all the folks helping out in the QRPKits, Pacific Antennas, American Morse and NorCal booths were so pleasant. Every time I made eye contact with someone behind the tables, they were smiling. To me, that speaks volumes of their dedication.

You folks are the best.

73.......Steve Smith WB6TNL
"Snort Rosin"

-- ki6ds@... wrote:
Steve it is always a pleasure to see you and Mike. I really enjoy the two
of you and look forward to seeing you at Pacificon every year. Thanks for
making the trip and helping to "make" my Pacificon. Doug

> http://www.flickr.com/photos/16840480@N02/2933530696/
>
>

Yahoo! Groups Links

Criminal Lawyers - Click here.
http://thirdpartyoffers.juno.com/TGL2121/fc/Ioyw6i3oGdfz3yVRFStnSae38twAZX8O3rFxxHNgaM0HtzRD8ODxQN/?count=1234567890

539. final remark

Yahoo group: pfr3_group
Date: 2008-10-24 12:13:48 UTC
From: Dieter
Topic: 539 Message: 539

Hi, lads,
These may be really my final remarks. I uploaded three last pics to show some spots which should be taken care of.
This way with all my photos I wanted to 'illustrate' the manual and I hope all the future pfr-constructors and Dough will be satisfied with me.
;-)
I think assembling and soldering can be done straight forward when you know how to solder and how to read a manual. It's good to do concentrated work during daylight and check done work a day later with a magnifying glass or your xyl. Having a second eye on the board is no bad idea.
It's not good to interrupt the assembling process for a longer period. Doug will surely remember Dom, who built his pfr immediately in the hotel when he got it at the vendor evening. Wow!

I would still love to see
some remarks on how to align the little yellow box to get really 5 watts out. At the first try I got only roughly 3.

There could also be an honest list of mistakes done by the builders during the assembling process - it's no shame, it will only help others.
One won't believe what can go wrong.

Another topic could be operation experience, handling during SOTA or field days...antennas...

72, Dieter
www.swschwedt.de/kunden/dl2bqd

see photos reminder 1 - 3
1. I replaced this Elyt with a smaller type same value. When bent it will touch the R on the left
2. Transitor deep enough or it will hit its head on the roof of the yellow box
3. Mind the notches at all Us , U4!
4. Carefully and quickly solder crystals to ground
5. Flush to board
6. Mind plus and minus (band) at all diodes
7. Don't cut this R's legs before smoke test; test point
8. Mind the flat side; could be mounted bottom side
9. Some other parts are mounted on the bottom side
10. Less than 9 v may cause hum in rx; first smoke test!!
11. Here the windings are evenly spaced. It might be you have to change this during the final test. So do not fix all the turns tough

dwn to the board when you assemble this stage, do it later.
12. Carefully check for wrong, `cold' or open solder joints
13. Stiff wire. Be careful when trying to adjust it to the
staggered holes
14. Adjust to position as mentioned in the manual
15. I used a bit of RG174 coax instead of the wires
16. CT made with a rest of a leg of an R. Tiny hook an then
solder to CT position
17. Mind the correct position of the wires on the core and where
they have to go

Feel free
to continue...

540. Side tone volume control

Yahoo group: pfr3_group
Date: 2008-10-25 12:01:55 UTC
From: dogbulter
Topic: 540 Message: 540

I have been using the PFR-3 with great success but I noticed I cannot control the side tone volume with the volume knob. Should the volume knob control both the received signals and side tone volume?

541. Re: [pfr3_group] Side tone volume control

Yahoo group: pfr3_group
Date: 2008-10-25 12:48:03 UTC
From: Marc G0AZS
Topic: 540 Message: 541
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

542. 5 watt output on each band & BLT ...the never ending story...

Yahoo group: pfr3_group
Date: 2008-10-25 13:16:17 UTC
From: Warnier jos
Topic: 542 Message: 542

Hi Dieter (and all PFR3- compadres)

here I get easely 5 watt output on each band (at 12 VoltDC input)
1) I followed strictly the manual abt number of turns of the toroids
2) in each PI-section: first toroid : turns are wider spaced,
the second toroid : windings are closer spaced
(see my last foto)

abt the BLT story ,I also followed Steve's mods
I tried following types of antenna's :
G5RV, a sort of W3DZZ-dipole and a 40 mtrs longwire with 1/9
Magnetic Balun followed by +/- 20 mtrs RG58
sometimes not always easy,(sharp tuning) but could tune to 1/1 SWR
(LED completely out)in the BLT position (in the Hi or Low Z
position)
for more info concerning windings etc...pse have a look at :

http://www.norcalqrp.org/files/BLTManualPrintVersion-Linked.pdf
http://www.qrpkits.com/files/KX0R_BLT_Mod.pdf

succes and 73's to all
Josef
ON6WJ

543. Re: Side tone volume control

Yahoo group: pfr3_group
Date: 2008-10-25 17:01:00 UTC
From: oe6wtd
Topic: 540 Message: 543

--- In pfr3_group@yahoogroups.com, "Marc G0AZS" <marc.g0azs@...> wrote:
>
> Hi Dogbulter (sorry no name or call on the mail)
>
> No mine doesn't control the sidetone volume either, it's
> constant...thankfully. Otherwise you might blow your ears out after
cranking
> up the volume to listen to a weak signal.
>
> I find the sidetone just right with fully enclosed headphones. Maybe it
> would be different with some "hang on the ear" types.
>
> 73 Marc G0AZS
>
> 2008/10/25 dogbulter <dogbulter@...>
>
> > I have been using the PFR-3 with great success but I noticed I
cannot
> > control the side tone volume with the volume knob. Should the volume
> > knob control both the received signals and side tone volume?
> >
> >
> >
>
Hallo Dogbuilter and others on the list,
I have the same problem with the sidetone. For my own ears I prever
more loudness. I suggest to try with reducing R14 (1MEG Ohm) to 680k
or so. I will do it in the next days and will inform you than. Sri, my
English is poor, but I hope you can understand me.
73 es 72 de Dieter OE6WTD
(not far of Governor Arnold Schwarzeneggers birthplace)

544. Better reception on 40m then 30m or 20m

Yahoo group: pfr3_group
Date: 2008-10-27 13:20:14 UTC
From: dogbulter
Topic: 544 Message: 544

I am getting very good signal reception on 40m but not as good reception on 20m and 30m. I have a vertical antenna with 4 radials for each band. I was wondering if anyone else is experiencing low reception on 20 and 30m?

Nate
KA1YMX

545. Re: [pfr3_group] Better reception on 40m then 30m or 20m

Yahoo group: pfr3_group
Date: 2008-10-27 21:02:36 UTC
From: Steven Weber
Topic: 544 Message: 545

Rx sensitivity is actually a little better on 20, with 30 and 40 about the same. Could be the antenna, time of day, ect which just makes it appear different.

>I am getting very good signal reception on 40m but not as good
>reception on 20m and 30m. I have a vertical antenna with 4 radials for
>each band. I was wondering if anyone else is experiencing low
>reception on 20 and 30m?

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://kd1jv.qrpradio.com

546. errata

Yahoo group: pfr3_group
Date: 2008-10-28 07:07:01 UTC
From: Dieter
Topic: 546 Message: 546

Dear all,
Just a hint for the serious constructor to compare the drawing/
circuitry of the pfr carefully with the actual board used.
The switches' numbers do not correspond.

This should be corrected in due time or a note on the up to date
versions - both drawing a n d board - should be given in the file
section if possible.
Regards,
Dieter dl2bqd

547. Don WA3ZBJ OT

Yahoo group: pfr3_group
Date: 2008-10-28 07:29:39 UTC
From: Dieter
Topic: 547 Message: 547

Hi, Don, I sent you two msgs but got kind of a security remark - can
not be delivered, whatever this means.
Pse drop me a note whether you got the hints on alignment.
Sry for the bandwidth.
72, Dieter

548. Re: [pfr3_group] errata

Yahoo group: pfr3_group
Date: 2008-10-28 13:52:45 UTC
From: Henry Schneider
Topic: 546 Message: 548

OK.... now I am spooked. Have been putting off construction of the PFR3 due to cataract surgery. NOw that is behind me. But.....with the tons of emails that I would have to sort through, I may just sell the kit still in the box.

Henry W5HNS

--- On Tue, 10/28/08, Dieter <dieter.klaschka@...> wrote:

From: Dieter <dieter.klaschka@...>
Subject: [pfr3_group] errata
To: pfr3_group@yahoogroups.com
Date: Tuesday, October 28, 2008, 2:07 AM

Dear all,
Just a hint for the serious constructor to compare the drawing/
circuitry of the pfr carefully with the actual board used.
The switches' numbers do not correspond.

This should be corrected in due time or a note on the up to date
versions - both drawing a n d board - should be given in the file
section if possible.
Regards,
Dieter dl2bqd

549. Re: [pfr3_group] errata

Yahoo group: pfr3_group
Date: 2008-10-28 13:59:56 UTC
From: Dieter Klaschka
Topic: 546 Message: 549

Hi Henry , Don't do that by no means. Go on soldering - it will worth the work indeed.
There are some little things to be careful with....- the most is self explaining!!
When you are a carful solder-man you will enjoy the good result of the first smoke tests.
Wow - what a feeling.
Forget T3 for a moment: You still have the coax fianally you can use an external tuner in any case so there will be no hurdle to operate on three bands with this little rig.
Start building the yellow box!!
You need not thumb thru all 500 msgs, there are so many hams reading the reflector who will obviously have an answer to your problems or point you into the right direction.
There won't be so many. Promised.
72, Dieter
----- Original Message -----
From: Henry Schneider
To: pfr3_group@yahoogroups.com
Sent: Tuesday, October 28, 2008 2:52 PM
Subject: Re: [pfr3_group] errata

OK.... now I am spooked. Have been putting off construction of the PFR3 due to cataract surgery. NOw that is behind me. But.....with the tons of emails that I would have to sort through, I may just sell the kit still in the box.

Henry W5HNS

--- On Tue, 10/28/08, Dieter <dieter.klaschka@gmx.net> wrote:

From: Dieter <dieter.klaschka@...>
Subject: [pfr3_group] errata
To: pfr3_group@yahoogroups.com
Date: Tuesday, October 28, 2008, 2:07 AM

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The switches' numbers do not correspond.

This should be corrected in due time or a note on the up to date
versions - both drawing a n d board - should be given in the file
section if possible.
Regards,
Dieter dl2bqd

550. Re: errata

Yahoo group: pfr3_group
Date: 2008-10-28 14:06:39 UTC
From: w2bpi
Topic: 546 Message: 550

Henry, don't be discouraged. If you build the rig using the latest manual available on www.qrpkits.com you will have a great working QRP rig. I built one with no problems. 73 George/W2BPI

In pfr3_group@yahoogroups.com, Henry Schneider <w5hns@...> wrote:
>
> OK.... now I am spooked. Have been putting off construction of the PFR3 due to cataract surgery. NOw that is behind me. But.....with the tons of emails that I would have to sort through, I may just sell the kit still in the box.
>
> Henry W5HNS
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>AM
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551. Re: [pfr3_group] errata

Yahoo group: pfr3_group
Date: 2008-10-28 14:07:36 UTC
From: Henry Schneider
Topic: 546 Message: 551

If the tuner is the only problem, I can deal with that.

--- On Tue, 10/28/08, Dieter Klaschka <dieter.klaschka@...> wrote:

From: Dieter Klaschka <dieter.klaschka@...>
Subject: Re: [pfr3_group] errata
To: pfr3_group@yahoogroups.com
Date: Tuesday, October 28, 2008, 8:59 AM

Hi Henry , Don't do that by no means. Go on soldering - it will worth the work indeed.
There are some little things to be careful with....- the most is self explaining!!
When you are a carful solder-man you will enjoy the good result of the first smoke tests.
Wow - what a feeling.
Forget T3 for a moment: You still have the coax fianally you can use an external tuner in any case so there will be no hurdle to operate on three bands with this little rig.
Start building the yellow box!!
You need not thumb thru all 500 msgs, there are so many hams reading the reflector who will obviously have an answer to your problems or point you into the right direction.
There won't be so many. Promised.
 72, Dieter

----- Original Message -----
From: Henry Schneider
To: pfr3_group@yahoogro ups.com
Sent: Tuesday, October 28, 2008 2:52 PM
Subject: Re: [pfr3_group] errata

OK.... now I am spooked. Have been putting off construction of the PFR3 due to cataract surgery. NOw that is behind me. But.....with the tons of emails that I would have to sort through, I may just sell the kit still in the box.

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--- On Tue, 10/28/08, Dieter <dieter.klaschka@ gmx.net> wrote:

From: Dieter <dieter.klaschka@ gmx.net>
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The switches' numbers do not correspond.

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versions - both drawing a n d board - should be given in the file

section if possible.
Regards,
Dieter dl2bqd

552. Re: [pfr3_group] errata

Yahoo group: pfr3_group
Date: 2008-10-28 18:26:31 UTC
From: ki6ds@dospalos.org
Topic: 546 Message: 552

Henry, please don't let a couple of guys who don't know what they are talking about discourage you. Use the latest manual on the website and you will be fine. Also, we have a policy that if you build the rig and you can't get it to work, you can send it to Steve Weber, and for a flat fee of $35, he will make it work for you, plus postage both ways. I have sold over 200 of these kits, and most are up and working. The ones who have had problems, it turned out to be their mistake, not a problem with the kit. The tuner gets a bad rap. It works fine, but doesn't work with every single application right away. You might have to change the length of the feedline, etc. but it will work. Hope this eases your fears.
Doug

> If the tuner is the only problem, I can deal with that.
>
> --- On Tue, 10/28/08, Dieter Klaschka <dieter.klaschka@...> wrote:
>
> From: Dieter Klaschka <dieter.klaschka@...>
> Subject: Re: [pfr3_group] errata
> To: pfr3_group@yahoogroups.com
> Date: Tuesday, October 28, 2008, 8:59 AM
>
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>
> Hi Henry , Don't do that by no means. Go on soldering - it? will worth the
> work?indeed.
> There are some little things to be careful with....- the most is self
> explaining!!
> When you are a carful solder-man? you will enjoy the good result of the
> first smoke tests. Wow - what a feeling.
> Forget T3 for a moment: You still have the coax fianally you can use an
> external tuner in any case so there will be no hurdle to operate on three
> bands with this little rig.
> Start building the yellow box!!
> You need not thumb thru all 500?msgs, there are so many hams reading the
> reflector who will obviously have an answer to your problems or point you
> into the right direction.
> There won't be so many. Promised.
> ?72, Dieter
>
> ----- Original Message -----
> From: Henry Schneider

> To: pfr3_group@yahoogro ups.com
> Sent: Tuesday, October 28, 2008 2:52 PM
> Subject: Re: [pfr3_group] errata
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> OK.... now I am spooked.? Have been putting off construction of? the PFR3
> due to cataract surgery.? NOw that is behind me.? But.....with the tons of
> emails that I would have to sort through, I may just sell the kit still in
> the box.
> ?
> Henry W5HNS
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> --- On Tue, 10/28/08, Dieter <dieter.klaschka@ gmx.net> wrote:
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> This should be corrected in due time or a note on the up to date
> versions - both drawing a n d board - should be given in the file
> section if possible.
> Regards,
> Dieter dl2bqd
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553. Re: Side tone volume control

Yahoo group: pfr3_group
Date: 2008-10-28 18:31:49 UTC
From: oe6wtd
Topic: 540 Message: 553

--- In pfr3_group@yahoogroups.com, "dogbulter" <dogbulter@...> wrote:
>
> I have been using the PFR-3 with great success but I noticed I cannot
> control the side tone volume with the volume knob. Should the volume
> knob control both the received signals and side tone volume?
>
Hallo Dogbulter,
I wrote that perhaps help for louder side tone reduce R14 (1MEG). I
tried now, but without sucess. Very sorry!

Perhaps an other OM have a idee for this problem?

73, 72 es CW for ever!
de Dieter OE6WTD

554. Re: [pfr3_group] errata

Yahoo group: pfr3_group
Date: 2008-10-28 19:52:17 UTC
From: Marc G0AZS
Topic: 546 Message: 554
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

555. Re: [pfr3_group] errata

Yahoo group: pfr3_group
Date: 2008-10-28 20:29:58 UTC
From: Steven Weber
Topic: 546 Message: 555

> But.....with the tons of emails that I would have to sort
>through, I may just sell the kit still in the box. Henry W5HNS

Oh, its not that bad.
72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://kd1jv.qrpradio.com

556. Re: errata

Yahoo group: pfr3_group
Date: 2008-10-28 21:00:16 UTC
From: Ken Evans
Topic: 546 Message: 556

Henry,

If you follow the current manual that is on line, all of the errata is covered - you will not need to sort thru numerous emails. I bought the PFR at Dayton and built it the following week. It worked perfectly and I have not had any problems with the BLT. I just rewound the BLT transformer and changed the 5 volt source to the uprocessor - although I have not experienced any problems. But these two steps are both part of the new manual and are done as you construct rather than after the fact.

I suggest you move forward with the build and you will have a great portable rig as a result. Rely on this list for questions and you'll have a successful build.

Ken Evans, W4DU

--- In pfr3_group@yahoogroups.com, Henry Schneider <w5hns@...> wrote:
>
> OK.... now I am spooked. Have been putting off construction of the PFR3 due to cataract surgery. Now that is behind me. But.....with the tons of emails that I would have to sort through, I may just sell the kit still in the box.
>
> Henry W5HNS
>

> --- On Tue, 10/28/08, Dieter <dieter.klaschka@...> wrote:
>
> From: Dieter <dieter.klaschka@...>
> Subject: [pfr3_group] errata
> To: pfr3_group@yahoogroups.com
> Date: Tuesday, October 28, 2008, 2:07 AM
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> Dear all,
> Just a hint for the serious constructor to compare the drawing/
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> The switches' numbers do not correspond.
>
> This should be corrected in due time or a note on the up to date
> versions - both drawing a n d board - should be given in the file

> section if possible.
> Regards,
> Dieter dl2bqd
>

557. Re: [pfr3_group] errata

Yahoo group: pfr3_group
Date: 2008-10-28 21:15:18 UTC
From: Paul Locker
Topic: 546 Message: 557

I wish tentec did this. My first choice of qrp kit was a tentec 1340 and I've caused some self infllicted damage to the vfo circuit. I'm a green circuit troubleshooter. My next kit will be of the yellow box variety.

Paul

From: "ki6ds@..." <ki6ds@...>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, October 28, 2008 2:26:31 PM
Subject: Re: [pfr3_group] errata

Henry, please don't let a couple of guys who don't know what they are talking about discourage you. Use the latest manual on the website and you will be fine. Also, we have a policy that if you build the rig and you can't get it to work, you can send it to Steve Weber, and for a flat fee of $35, he will make it work for you, plus postage both ways. I have sold over 200 of these kits, and most are up and working. The ones who have had problems, it turned out to be their mistake, not a problem with the kit. The tuner gets a bad rap. It works fine, but doesn't work with every single application right away. You might have to change the length of the feedline, etc. but it will work. Hope this eases your fears.
Doug

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> From: Dieter Klaschka <dieter.klaschka@ gmx.net>
> Subject: Re: [pfr3_group] errata
> To: pfr3_group@yahoogro ups.com
> Date: Tuesday, October 28, 2008, 8:59 AM
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> Hi Henry , Don't do that by no means. Go on soldering - it will worth the
> work indeed.
> There are some little things to be careful with....- the most is self
> explaining!!
> When you are a carful solder-man you will enjoy the good result of the
> first smoke tests. Wow - what a feeling.
> Forget T3 for a moment: You still have the coax fianally you can use an

> external tuner in any case so there will be no hurdle to operate on three
> bands with this little rig.
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> You need not thumb thru all 500 msgs, there are so many hams reading the
> reflector who will obviously have an answer to your problems or point you
> into the right direction.
> There won't be so many. Promised.
> 72, Dieter
>
> ----- Original Message -----
> From: Henry Schneider
> To: pfr3_group@yahoogro ups.com
> Sent: Tuesday, October 28, 2008 2:52 PM
> Subject: Re: [pfr3_group] errata
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558. Henry giving up

Yahoo group: pfr3_group
Date: 2008-10-28 22:23:54 UTC
From: T. J. Whatley
Topic: 558 Message: 558

Don't

559. RE: [pfr3_group] errata

Yahoo group: pfr3_group
Date: 2008-10-29 00:05:19 UTC
From: Dale Putnam
Topic: 546 Message: 559

Hi Henry,
If you start it, and get into trouble.. there are some very experienced folk here that can talk you through it... if you get into deep trouble... and want to get some help... I would be very happy to work it past the point of trouble, or finish it... or talk you through it... no charge, no hidden agenda... other than one... and that is a very simple one... arriving at the end of the build with a happy user... in particular.. you. How we get there is not the point.... that we arrive is.
so.. jump in... or contact me.... we'll work it out.
You have a fine, fine radio... lets get you to using it. --... ...--Dale - WC7S in Wy

To: pfr3_group@yahoogroups.comFrom: marc.g0azs@...: Tue, 28 Oct 2008 19:52:17 +0000Subject: Re: [pfr3_group] errata

HenryDoug is right. I'm not tthe most natural builder but I used manual B1 when I did the build and it all worked first time. Some of the discussion of the errata and mods makes it seem more difficult.. but it's not. Just follow the current manual and you will be fine....and BTW you will have an outstanding rig too!They sound great at either end...when I was on holiday in SM using mine, I ended up having a PFR to PFR QSO with one in Germany so we were both happy to hear the other! Hi..Good luck 73 Marc G0AZS
2008/10/28 <ki6ds@...>

Henry, please don't let a couple of guys who don't know what they aretalking about discourage you. Use the latest manual on the website andyou will be fine. Also, we have a policy that if you build the rig andyou can't get it to work, you can send it to Steve Weber, and for a flatfee of $35, he will make it work for you, plus postage both ways. I havesold over 200 of these kits, and most are up and working. The ones whohave had problems, it turned out to be their mistake, not a problem withthe kit. The tuner gets a bad rap. It works fine, but doesn't work withevery single application right away. You might have to change the lengthof the feedline, etc. but it will work. Hope this eases your fears. Doug> If the tuner is the only problem, I can deal with that.>> --- On Tue, 10/28/08, Dieter Klaschka <dieter.klaschka@...> wrote:>> From: Dieter Klaschka <dieter.klaschka@...>> Subject: Re: [pfr3_group] errata> To: pfr3_group@yahoogroups.com> Date: Tuesday, October 28, 2008, 8:59 AM>>>>>>> Hi Henry , Don't do that by no means. Go on soldering - it will worth the> work indeed.> There are some little things to be careful with....- the most is self> explaining!!> When you are a carful solder-man you will enjoy the good result of the> first smoke tests. Wow - what a feeling.> Forget T3 for a moment: You still have the coax fianally you can use an> external tuner in any case so there will be no hurdle to operate on three> bands with this little rig.> Start building the yellow box!!> You need not thumb thru all 500 msgs, there are so many hams reading the> reflector who will obviously have an answer to your problems or point you> into the right direction.> There won't be so many. Promised.> 72, Dieter>> ----- Original Message ----->> From: Henry Schneider> To: pfr3_group@yahoogro ups.com> Sent: Tuesday, October 28, 2008 2:52 PM> Subject: Re: [pfr3_group] errata>>>>>>>>> OK.... now I am spooked. Have been putting off construction of the PFR3> due to cataract surgery. NOw that is behind me. But.....with the tons of> emails that I would have to sort through, I may just sell the kit still in> the box.> > Henry W5HNS>> --- On Tue, 10/28/08, Dieter <dieter.klaschka@ gmx.net> wrote:>>

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_____
When your life is on the go—take your life with you.
http://clk.atdmt.com/MRT/go/115298558/direct/01/

560. Such support

Yahoo group: pfr3_group
Date: 2008-10-29 03:28:56 UTC
From: Henry Schneider
Topic: 560 Message: 560

I will be honest. I thought I was responding only to Dieter and did not realize my post was going on the reflector. But.....overwhelmed by the support notes......so I will start the inventory process and get on with the project.

If I get totally overwhelmed, I may cry "uncle." If not, I will remain silent until the smoke test.

Thanks to all for the encouraging notes.

Henry W5HNS

561. Re: Speaker output

Yahoo group: pfr3_group
Date: 2008-10-29 11:01:36 UTC
From: oe6wtd
Topic: 512 Message: 561

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
>
> What i did for more volume was connect a small Volume control in series
> with a 10 uf electolitic capacitor. Then on the bottom of the board I
> soldered it across pins 1&8 if the LM386 audio amp. Connect + side of
> capacitor to pin one. This will increase audio out considerly. The
> small pot allows me to adjust the max output. (I used a very small pot
> like you usually mount on a pcb) I have not tried a speaker, but am
> sure I could drive one now. I did this mod becuz of hearing loss here.
> George/W2BPI
>
> > Subject: [pfr3_group] Speaker output
> >
> >
> > I was wondering if anybody put 12 V on the LM386 instead of 6 V so
> that
> > it might have enough output for a small speaker. I wonder what is
> the
> > circuit component that does not like 13 plus volts? I think the
> LM386
> > audio output is rated to 15V.
> >
> > Jim Ford, N6JF
> >
>
Hallo George, hallo Jim and other builder,
yesterday I made the modification with the 10µH Electrolyte C how
descrived by George. It was a full sucess, many thanks! I hav'nt
changed the supply to U4 LM386 to 12V, it is a further way, but the
loudness is now loud enough for my ears! See also my foto in the gallery.
73, 72 and CW for ever
de Dieter OE6WTD

562. Re: [pfr3_group] errata

Yahoo group: pfr3_group
Date: 2008-10-29 12:30:21 UTC
From: pablo kiryluk
Topic: 546 Message: 562
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

563. Re: Such support

Yahoo group: pfr3_group
Date: 2008-10-29 15:45:33 UTC
From: querencias
Topic: 560 Message: 563

Henry,

Glad to hear that you're going to persevere onward.

One more note of encouragement - I built an earlier version of the kit with no difficulty whatever - and I have had recent cataract surgery with intraocular implants in both eyes. I even had to replace the surface mount DDS chip - SO, if I can do it, you surely can as well.

This is a great little radio which I think will become a classic in HAM circles. You will find
lots of support from the great guys in this group.

best of luck de KT6L/Grant

--- In pfr3_group@yahoogroups.com, Henry Schneider <w5hns@...> wrote:
>
> I will be honest. I thought I was responding only to Dieter and did not realize my post was going on the reflector. But.....overwhelmed by the support notes......so I will start the
inventory process and get on with the project.
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> If I get totally overwhelmed, I may cry "uncle." If not, I will remain silent until the smoke test.
>
> Thanks to all for the encouraging notes.
>
> Henry W5HNS
>

564. Sidetone

Yahoo group: pfr3_group
Date: 2008-10-30 22:22:21 UTC
From: T. J. Whatley
Topic: 564 Message: 564

I have tried everything to get my sidetone so that I can hear it. My problem is I'm deaf but can hear the stations using a amp, but not the sidetone. I have to guess if my CW is OK,,,,that is I can't hear what I am sending. I will keep trying to find a solution. Nice
radio! from KI4FD, t bone dit dit

565. Re: final remark

Yahoo group: pfr3_group
Date: 2008-10-31 01:45:13 UTC
From: Bert M. Thompson
Topic: 539 Message: 565

--- In pfr3_group@yahoogroups.com, "Dieter" <dieter.klaschka@...>
wrote:
>
> Hi, lads,
> These may be really my final remarks. I uploaded three last pics to
> show some spots which should be taken care of.
> This way with all my photos I wanted to 'illustrate' the manual
and
> I hope all the future pfr-constructors and Dough will be satisfied
> with me.
> ;-)
> I think assembling and soldering can be done straight forward when
> you know how to solder and how to read a manual. It's good to do
> concentrated work during daylight and check done work a day later
> with a magnifying glass or your xyl. Having a second eye on the
> board is no bad idea.
> It's not good to interrupt the assembling process for a longer
> period. Doug will surely remember Dom, who built his pfr
immediately
> in the hotel when he got it at the vendor evening. Wow!
>
> I would still love to see
> some remarks on how to align the little yellow box to get really 5
> watts out. At the first try I got only roughly 3.
>
> There could also be an honest list of mistakes done by the
> builders during the assembling process - it's no shame, it will
> only help others.
> One won't believe what can go wrong.
>
> Another topic could be operation experience, handling during SOTA
or
> field days...antennas...
>
> 72, Dieter
> www.swschwedt.de/kunden/dl2bqd
>
>
> see photos reminder 1 - 3
> 1. I replaced this Elyt with a smaller type same value. When
> bent it will touch the R on the left
> 2. Transitor deep enough or it will hit its head on the roof of
> the yellow box
> 3. Mind the notches at all Us , U4!
> 4. Carefully and quickly solder crystals to ground

> 5. Flush to board
> 6. Mind plus and minus (band) at all diodes
> 7. Don't cut this R's legs before smoke test; test point
> 8. Mind the flat side; could be mounted bottom side
> 9. Some other parts are mounted on the bottom side
> 10. Less than 9 v may cause hum in rx; first smoke test!!
> 11. Here the windings are evenly spaced. It might be you have to
> change this during the final test. So do not fix all the turns
tough
> dwn to the board when you assemble this stage, do it later.
> 12. Carefully check for wrong, `cold' or open solder joints
> 13. Stiff wire. Be careful when trying to adjust it to the
> staggered holes
> 14. Adjust to position as mentioned in the manual
> 15. I used a bit of RG174 coax instead of the wires
> 16. CT made with a rest of a leg of an R. Tiny hook an then
> solder to CT position
> 17. Mind the correct position of the wires on the core and where
> they have to go
>
> Feel free
> to continue...
> Bye Dieter enjoy your pfr-3 kit and ham radio .. and life. I just
finished a qso wid "dk3fw" name Dieter and thought it might be you.
Will say 73 es best to you and you family ... Bert M. Thompson kb3mhb
I'm on qrz.com. sk dit dit.

566. Re: [pfr3_group] Re: final remark

Yahoo group: pfr3_group
Date: 2008-10-31 08:12:00 UTC
From: Dieter Klaschka
Topic: 539 Message: 566

Thank you, Bert, for your vy kind words.
I will be definitely on air CQWW DX CW to win the Yellow Trophy, hi, ...it's a yellow base made from SouthAfrican diamond,
a little yellow golden bee on top... collecting diligently and happily baskets of qsos...Have you ever seen a bee smiling during her work? It must be a she -bee with a pfr.
I am kidding! No such trophy. Perhaps Doug will donate one in due time?
72, Dieter

----- Original Message -----
From: Bert M. Thompson
To: pfr3_group@yahoogroups.com
Sent: Friday, October 31, 2008 2:45 AM
Subject: [pfr3_group] Re: final remark

----------snip----------

567. Re: final remark

Yahoo group: pfr3_group
Date: 2008-10-31 12:28:50 UTC
From: rkavampsev@aol.com
Topic: 539 Message: 567

May i put my pennies worth in and say many thanks for all the help and information you have given dieter .
73's
de
GM4VKI
Roy

568. Re: [pfr3_group] Re: final remark

Yahoo group: pfr3_group
Date: 2008-10-31 15:11:27 UTC
From: Dieter Klaschka
Topic: 539 Message: 568

It's a pleasure, Roy. Thanks.
D
----- Original Message -----
From: rkavampsev@...
To: pfr3_group@yahoogroups.com
Sent: Friday, October 31, 2008 1:28 PM
Subject: [pfr3_group] Re: final remark

May i put my pennies worth in and say many thanks for all the help and information you have given dieter .
73's
de
GM4VKI
Roy

569. Re: [pfr3_group] Sidetone

Yahoo group: pfr3_group
Date: 2008-10-31 15:45:30 UTC
From: Steven Weber
Topic: 564 Message: 569

>I have tried everything to get my sidetone so that I can hear it. My

The best way to increase side tone level is to make C27 larger in value.
Try a .001, that should make it loud enough.
72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://kd1jv.qrpradio.com

570. RE: [pfr3_group] Sidetone

Yahoo group: pfr3_group
Date: 2008-10-31 17:04:45 UTC
From: Ken Evans
Topic: 564 Message: 570

Steve et al,

My side tone is too loud - I set the headphones on my shoulders when xmiting!!!! Ill take C1 larger or perhaps increase R14? Comments?

Ken W4DU

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steven Weber
Sent: Friday, October 31, 2008 11:46
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Sidetone

>I have tried everything to get my sidetone so that I can hear it. My

The best way to increase side tone level is to make C27 larger in value. Try a .001, that should make it loud enough.
72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://kd1jv. <http://kd1jv.qrpradio.com> qrpradio.com

571. Stage 2 and we have a problem Houston,

Yahoo group: pfr3_group
Date: 2008-11-01 04:56:55 UTC
From: k7ddmjb
Topic: 571 Message: 571

Hi gang,
I received my PFR3 on Wednesday and didn't have time to get started working on it until Thursday afternoon late.
I have gotten as far as page 8, where you are to set the BFO freq and check out the receiver but I have a problem. The display works fine but and I have audio white noise that changes volume with the volume control but I can hear the dds in the receiver and have lots of birdies or dds signals in the receive audio. I can NOT hear any other stations even with a wire connected to the hot end of R1, 51Ohm resistor. Any suggestions where to go from here?
BTW, the winding of T1 is NOT fun. It took me two tries and I am still not sure if I have it in correctly. Second try was a pain as I had already cut the wires clean with the board so there wasn't much to work with. I might have to re-wind in again. OH NO! VERY HARD ON MY EYES AND DIFFICULT TO HOLD THE TOROID CORE. I used a curved pair of hemostats clamped to my circuit board vice to hold the core in the air while I attempted to wind and and count the turns. I would have gladly paid someone to wind them for me if it had been an option like some of the folks in the Elecraft group does for the K2.
Any suggestions would be appreciated.
I varified all resistors with an ohm meter before instalation and did at least 2 visual checks on the caps with a glass before installation so I am fairly confident that no parts were put in the wrong places. Again, very hard for me to see the markings on the caps but we kept at it.
Thanks in advance for any advice you can offer.

Mike Baker K7DD

572. Stage 2 and we have a problem Houston, but

Yahoo group: pfr3_group
Date: 2008-11-01 05:39:13 UTC
From: k7ddmjb
Topic: 572 Message: 572

Me Again.
I guess it helps if you check the battery voltage BEFORE you hook it up. Duhh, 7.2 Volts from a 9 Volt battery is what?
8 AA batteries and there is no DDS noise now. Still no signals but No DDS noise. Its a start.

K7DD Mike.

573. RE: [pfr3_group] Sidetone

Yahoo group: pfr3_group
Date: 2008-11-01 16:28:17 UTC
From: Steven Weber
Topic: 564 Message: 573

> Steve et al, My side tone is too loud - Ill
>Comments? Ken W4DU

Make sure C26 is 0.1ufd.
72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://kd1jv.qrpradio.com

574. RE: [pfr3_group] Stage 2 and we have a problem Houston, but

Yahoo group: pfr3_group
Date: 2008-11-02 00:15:56 UTC
From: Paul Feltz
Topic: 572 Message: 574

Mike:
I am at the same stage you are. I got nothing out of the unit. I had finally decided the LM-386 was bad and got a new one from Radio Shack. Then I discovered I has "assumed" the audio jack was a single channel plug rather than a sterio plug. Accidently used headset with sterio jacks and it works great! Even hears 40 Meters well! Now I have some spare LM-386s. OK, on to the next stage soon as I get home from this business trip.

73, Paul, WA0VDM

To: pfr3_group@yahoogroups.comFrom: k7ddmjb@...: Sat, 1 Nov 2008 05:39:13 +0000Subject: [pfr3_group] Stage 2 and we have a problem Houston, but

Me Again.I guess it helps if you check the battery voltage BEFORE you hook it up. Duhh, 7.2 Volts from a 9 Volt battery is what?8 AA batteries and there is no DDS noise now. Still no signals but No DDS noise. Its a start.K7DD Mike.

_____
Stay organized with simple drag and drop from Windows Live Hotmail.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_102008

575. Rig Completed but still no joy.

Yahoo group: pfr3_group
Date: 2008-11-02 01:00:44 UTC
From: k7ddmjb
Topic: 575 Message: 575

Well, I finished it just about 5:30Pm. Rewound L1, and just marched on. No Receive, no transmit, but I do have audio white noise that changes with the volume control and the keyer works. Its a start. The worst of all is I am out of time now until at least wednesday as I have to go back to work on Sunday morning.
Maybe by the end of the week I can drag up a generator, hook up the scope and do some trouble shooting. I can't wait to get it on the air. :>)
It looks nice and the sheet metal is excelent. Thank you Ken. :>)
OK, my butt has grown to the chair and I need dinner. I'll keep everyone posted.

Best 72, 73

Mike Baker K7DD

576. Paddle Input Problem

Yahoo group: pfr3_group
Date: 2008-11-02 20:11:47 UTC
From: Craig LaBarge
Topic: 576 Message: 576

Greetings:

I have a problem that first cropped up right after I finished the Group 2 smoke test. The rig no longer seems to reliably recognize the paddle inputs. For a brief time, everything seemed to be fully functional and I could hear my CW sidetone in the headphones, use the paddles to adjust the sending speed, etc. Then it stopped recognizing the paddles. All of the other functions (e.g., tuning, keyer menu, RIT, etc.) seem to be working. I can hear the menu annunciation with no problems. It just seems to be ignoring the paddle inputs.

Thinking it might be the firmware, I sent my processor chip back to KD1JV for reprogramming. I did the required mod to correct the circuit board problem and then tried the reprogrammed processor this morning. Pretty much the same result as before. I was able to send a few V characters before it stopped again.

I double-checked and verified that everything between the paddles and pins 4 and 5 of the processor is correct. I have continuity all the way from the paddle to the appropriate pins on the processor.

Any suggestions on how to proceed from here?

Thanks & 73,

Craig WB3GCK

577. RE: [pfr3_group] Paddle Input Problem

Yahoo group: pfr3_group
Date: 2008-11-02 20:21:15 UTC
From: Ken Evans
Topic: 576 Message: 577

I had a similar issue and found I had put it into the straight key mode. Just a guess. If you hit one side of the paddle does it key up and stay that way?

Ken

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Craig LaBarge
Sent: Sunday, November 02, 2008 15:12
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Paddle Input Problem

Greetings:

I have a problem that first cropped up right after I finished the Group 2 smoke test. The rig no longer seems to reliably recognize the paddle inputs. For a brief time, everything seemed to be fully functional and I could hear my CW sidetone in the headphones, use the paddles to adjust the sending speed, etc. Then it stopped recognizing the paddles. All of the other functions (e.g., tuning, keyer menu, RIT, etc.) seem to be working. I can hear the menu annunciation with no problems. It just seems to be ignoring the paddle inputs.

Thinking it might be the firmware, I sent my processor chip back to KD1JV for reprogramming. I did the required mod to correct the circuit board problem and then tried the reprogrammed processor this morning. Pretty much the same result as before. I was able to send a few V characters before it stopped again.

I double-checked and verified that everything between the paddles and pins 4 and 5 of the processor is correct. I have continuity all the way from the paddle to the appropriate pins on the processor.

Any suggestions on how to proceed from here?

Thanks & 73,

Craig WB3GCK

578. Re: Paddle Input Problem

Yahoo group: pfr3_group
Date: 2008-11-02 21:00:10 UTC
From: Craig LaBarge
Topic: 576 Message: 578

Ken:

No. Actually, I tried a straight key and got nothing.

Thanks,

Craig

--- In pfr3_group@yahoogroups.com, "Ken Evans" <w4du@...> wrote:
>
> I had a similar issue and found I had put it into the straight key mode.
> Just a guess. If you hit one side of the paddle does it key up and
stay that
> way?
>
>
>
> Ken
>

579. Re: [pfr3_group] Re: Paddle Input Problem

Yahoo group: pfr3_group
Date: 2008-11-02 21:49:38 UTC
From: Bob Nelson
Topic: 576 Message: 579

I have a working PFR-3 and live not too far from you. I also have a scope if you want to make some comparisons.

73 (Best Regards),

Bob Nelson K2QPN
k2qpn@...
www.k2qpn.ham-radio-op.net (http://www.k2qpn.ham-radio-op.net)

Secretary - Burlington County Radio Club
Member - Frankford Radio Club

Craig LaBarge wrote:

Ken:

No. Actually, I tried a straight key and got nothing.

Thanks,

Craig

--- In pfr3_group@yahoogroups.com, "Ken Evans" wrote:
>
> I had a similar issue and found I had put it into the straight key mode.
> Just a guess. If you hit one side of the paddle does it key up and
stay that
> way?
>
>
>
> Ken
>

580. Sreve: 12 v supply?

Yahoo group: pfr3_group
Date: 2008-11-03 10:03:40 UTC
From: Dieter Klaschka
Topic: 580 Message: 580

Pse a direct question to Steve:

Will the pfr-3 bear the supply from a fully charged gel battery
which is normally more then 12 v or should there be a protective /v-
reducing diode in a line in any case?
Thanks in advance,
Dieter

581. Re: [pfr3_group] Sreve: 12 v supply?

Yahoo group: pfr3_group
Date: 2008-11-03 10:53:14 UTC
From: Marc G0AZS
Topic: 580 Message: 581
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

582. Re: [pfr3_group] Sreve: 12 v supply?

Yahoo group: pfr3_group
Date: 2008-11-03 12:44:54 UTC
From: David Wilcox
Topic: 580 Message: 582

I used my PFR-3 all summer at the cottage on a 12 v 7A battery without ill effect. I think the warning is for power supply users that have 13.8 v output. The guru that built mine reccomended I put a diode in the line if I ever used an ac power supply.

583. Re: Sreve: 12 v supply?

Yahoo group: pfr3_group
Date: 2008-11-03 14:46:18 UTC
From: Jim Ford
Topic: 580 Message: 583

There are other reasons the designers might want you to keep the voltage lower. For one if the power goes over 5 watts then two things come into play. The first is the rig is "illegal" for many QRP designations because it is over 5W. The second reason is when rigs put out more than 5 W then the harmonic rejection specs get stiffer. To satisfy the specs might require one more section added to the low pass filter which adds loss, space and $ considerations. Are there any parts on the edge of blowing up at say 12.8 V? Only someone who has done testing could tell and I'm sure safety is in order.

Jim Ford, N6JF

584. RE: [pfr3_group] Re: Sreve: 12 v supply?

Yahoo group: pfr3_group
Date: 2008-11-03 14:56:06 UTC
From: Paul Feltz
Topic: 580 Message: 584

Nice thoughtful answer. Thanks!

Paul; WA0VDM

To: pfr3_group@yahoogroups.comFrom: n6jf@...: Mon, 3 Nov 2008 06:46:18 -0800Subject: [pfr3_group] Re: Sreve: 12 v supply?

There are other reasons the designers might want you to keep the voltage lower. For one if the power goes over 5 watts then two things come into play. The first is the rig is "illegal" for many QRP designations because it is over 5W. The second reason is when rigs put out more than 5 W then the harmonic rejection specs get stiffer. To satisfy the specs might require one more section added to the low pass filter which adds loss, space and $ considerations. Are there any parts on the edge of blowing up at say 12.8 V? Only someone who has done testing could tell and I'm sure safety is in order.Jim Ford, N6JF

_____
When your life is on the go—take your life with you.
http://clk.atdmt.com/MRT/go/115298558/direct/01/

585. Re: [pfr3_group] Re: Sreve: 12 v supply?

Yahoo group: pfr3_group
Date: 2008-11-03 15:10:11 UTC
From: sigcom@juno.com
Topic: 580 Message: 585

-- Jim Ford <n6jf@...> wrote:

The second reason is when
rigs put out more than 5 W then the harmonic rejection specs get
stiffer.

That specification is only for transmitters 5 Watts or below put into service before Jan. 2, 2003. Everything after Jan. 1, 2003 (on frequencies below 30 MHz) must be -43 dBc. so even 5 Watt transmitters fall under the 'stiffer' reg's..

My opinion is that, under certain loading conditions, at 12 Volts the output FETs in the PFR are simply on the edge and running them higher just might push them over. I'd recommend the series diode(s). You can always switch it/them out when the batt. drops down to 12 V..

73.......Steve Smith WB6TNL
"Snort Rosin"

Ref.:

97.307

(d) For transmitters installed after January 1, 2003, the mean power of any spurious emission from a station transmitter or external RF amplifier transmitting on a frequency below 30 MHz must be at least 43 dB below the mean power of the fundamental emission. For transmissions installed on or before January 1, 2003, the mean power of any spurious emission from a station transmitter or external RF power amplifier transmitting on a frequency below 30 MHz must not exceed 50 mW and must be at least 40 dB below the mean power of the fundamental emission. For a transmitter of mean power less than 5W installed on or before January 1, 2003, the attenuation must be at least 30 dB . A transmitter built before April 15, 1977, or first marketed before January 1, 1978, is exempt from this requirement."

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http://thirdpartyoffers.juno.com/TGL2121/fc/Ioyw6i3m3iUH4hXdr7qUE62iOWyGSK0NbxrYW5rR7O33JacEQd0Xjz/?count=1234567890

586. Re: [pfr3_group] Re: Steve: 12 v supply?

Yahoo group: pfr3_group
Date: 2008-11-03 15:24:31 UTC
From: Dieter Klaschka
Topic: 586 Message: 586

Thanks, guys , to all the contributions so far. There are really thoughtful answers.
Somewhen on the list you could read that even 10 watts could be expected and can be adjusted by modifying the windings of the cores to get 5 watts.

My question aims at whether the circuitry has a tolerance that it can cope with a fully charged gel battery which offers a fraction of a voltage more just after having been fully charged (but lower than 13...v I believe , and this will nor raise output remarkably) and v will be reduced during operation.
Or: will the final stage Transitor stand more than 12 v of a charged gel b. or is there a must to insert the diode to reduce voltage to security level in any case since Steve strictly designed it this way? I won't be only lucky as Marc comments, I would like to stay lucky with the little box, hi.
(so my query does not aim at qrp definitions; should be no more than 5 watts out...)
I think a quick answer by Steve could settle that issue definitely.
Thanks in advance!
72, Dieter
----- Original Message -----
From: <sigcom@...>
To: <pfr3_group@yahoogroups.com>
Sent: Monday, November 03, 2008 4:10 PM
Subject: Re: [pfr3_group] Re: Sreve: 12 v supply?

> -- Jim Ford <n6jf@...> wrote:
>
> The second reason is when
> rigs put out more than 5 W then the harmonic rejection specs get
> stiffer.
>
> ---
>
> That specification is only for transmitters 5 Watts or below put
> into service before Jan. 2, 2003. Everything after Jan. 1, 2003 (on
> frequencies below 30 MHz) must be -43 dBc. so even 5 Watt
> transmitters fall under the 'stiffer' reg's..
>
> My opinion is that, under certain loading conditions, at 12 Volts
> the output FETs in the PFR are simply on the edge and running them
> higher just might push them over. I'd recommend the series
> diode(s). You can always switch it/them out when the batt. drops
> down to 12 V..

>
> 73.......Steve Smith WB6TNL
> "Snort Rosin"
>
> Ref.:
>
> 97.307
>
> (d) For transmitters installed after January 1, 2003, the mean power
> of any spurious emission from a station transmitter or external RF
> amplifier transmitting on a frequency below 30 MHz must be at least
> 43 dB below the mean power of the fundamental emission. For
> transmissions installed on or before January 1, 2003, the mean power
> of any spurious emission from a station transmitter or external RF
> power amplifier transmitting on a frequency below 30 MHz must not
> exceed 50 mW and must be at least 40 dB below the mean power of the
> fundamental emission. For a transmitter of mean power less than 5W
> installed on or before January 1, 2003, the attenuation must be at
> least 30 dB . A transmitter built before April 15, 1977, or first
> marketed before January 1, 1978, is exempt from this requirement."
>
>
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JacEQd0Xjz/?count=1234567890
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> Yahoo! Groups Links
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587. Re: [pfr3_group] Re: Steve: 12 v supply?

Yahoo group: pfr3_group
Date: 2008-11-03 18:05:47 UTC
From: Steven Weber
Topic: 586 Message: 587

The main reason for not wanting to go above 5 watts is the fact when SWR gets a out of hand, the current in the PA will increase considerably, possibly frying the PA. This problem is componded if the power output starts getting much above 5 watts.

The reason for choosing 5 watts at 12V was because this is a portable rig. That insures the power output is reasonably high when running on internal batteries.

Also, a gel cell, though initially at about 13.2 volts after being off the charger a little while, will quickly fall down to about the 12 volt level after a little use.
72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://kd1jv.qrpradio.com

588. Re: [pfr3_group] Re: Steve: 12 v supply?

Yahoo group: pfr3_group
Date: 2008-11-04 07:53:28 UTC
From: Dieter Klaschka
Topic: 586 Message: 588

Dear Steven,
Thanks for the quick reply. At least it is now clear that one will not cause demage and send some transistors into smoke heaven when using a gel cell for 5! watts from the back bag/p.
72, Dieter DL2BQD
----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Monday, November 03, 2008 7:05 PM
Subject: Re: [pfr3_group] Re: Steve: 12 v supply?

The main reason for not wanting to go above 5 watts is the fact when SWR gets a out of hand, the current in the PA will increase considerably, possibly frying the PA. This problem is componded if the power output starts getting much above 5 watts.

The reason for choosing 5 watts at 12V was because this is a portable rig. That insures the power output is reasonably high when running on internal batteries.

Also, a gel cell, though initially at about 13.2 volts after being off the charger a little while, will quickly fall down to about the 12 volt level after a little use.
72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://kd1jv.qrpradio.com

589. just a wee off topic from pfr

Yahoo group: pfr3_group
Date: 2008-11-04 10:27:51 UTC
From: Dieter Klaschka
Topic: 589 Message: 589

http://www.kpsec.freeuk.com/index.htm

This is not too bad for beginners and builders having just finished
the PFR who now want to have a little electronic Xmas present for
children and grandchildren in time.
Got it from the GQRP list, Andy G4OEP.
Enjoy,
D.

590. Re: Paddle Input Problem

Yahoo group: pfr3_group
Date: 2008-11-04 11:28:24 UTC
From: Craig LaBarge
Topic: 576 Message: 590

Bob:

Thanks for the offer. I'll keep you in mind if I can't get a handle
on this thing.

Thanks again.

73, Craig WB3GCK

591. Re: Better reception on 40m then 30m or 20m

Yahoo group: pfr3_group
Date: 2008-11-04 12:26:51 UTC
From: dogbulter
Topic: 544 Message: 591

When I adjust the RX gain knob on 20m I have to turn full clockwise and the noise level never reaches the same peak as on 40m. I have used it on 20m at different times of day and added additional radials. Adding more radials helped with the reception but the level of noise is still lower. It's amost as if the RX knob needs to be turned more clockwise.

--- In pfr3_group@yahoogroups.com, Steven Weber <kd1jv@...> wrote:
>
> Rx sensitivity is actually a little better on 20, with 30 and 40 about the
> same. Could be the antenna, time of day, ect which just makes it appear
> different.
>
>
> >I am getting very good signal reception on 40m but not as good
> >reception on 20m and 30m. I have a vertical antenna with 4 radials for
> >each band. I was wondering if anyone else is experiencing low
> >reception on 20 and 30m?
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> http://kd1jv.qrpradio.com
>

592. Re: [pfr3_group] Re: Paddle Input Problem

Yahoo group: pfr3_group
Date: 2008-11-04 16:52:09 UTC
From: Steven Weber
Topic: 576 Message: 592

Craig,

There are two possible causes for your problem. One is the input ports for the keyer got blown some how and the other is an open somewhere between the port pins and the paddle.

Try using a jumper wire with one end connected to ground and ground the paddle input pins right at the MEGA48, pins 4 and 5. Pin 5 should be dot and 4 should be dash. If it works there, try at the pins on the paddle jack. If it works there, check you paddle and cable. If it doesn't work right at the processor, then it will have to be replaced.
72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://kd1jv.qrpradio.com

593. a new start

Yahoo group: pfr3_group
Date: 2008-11-05 08:01:17 UTC
From: Dieter Klaschka
Topic: 593 Message: 593

Dear all,
May I be allowed to congratulate all who now expect a good new period
for a great country and the world and that after a period of tough
work we all will be able to say
" Yes , we could!'
Kindest regards, Dieter-bqd

594. now OFF TOPIC

Yahoo group: pfr3_group
Date: 2008-11-05 14:54:28 UTC
From: Dieter Klaschka
Topic: 594 Message: 594

Yes, let's both hope that good will, political skill on all sides ,
and perhaps a bit more of common sense and common understanding and
honesty may really change the world. It is in urgent need. Dieter

595. Re: a new start

Yahoo group: pfr3_group
Date: 2008-11-05 22:30:41 UTC
From: T. J. Whatley
Topic: 593 Message: 595

--- In pfr3_group@yahoogroups.com, "Dieter Klaschka" <dieter.klaschka@...> wrote:
>
> Dear all,
> May I be allowed to congratulate all who now expect a good new period
> for a great country and the world and that after a period of tough
> work we all will be able to say
> " Yes , we could!'
> Kindest regards, Dieter-bqd
>
Are you talking about the Election of the Arab? What has this to do with a real good radio? From KI4FD t. bone in south florida. dit dit

596. Just Radio on this list please

Yahoo group: pfr3_group
Date: 2008-11-05 23:01:56 UTC
From: KI6DS
Topic: 596 Message: 596

Please do not post any political statements or feelings of any kind on this list. This is a great radio list, please keep it that way. Thank you for your help. Doug

597. Question????

Yahoo group: pfr3_group
Date: 2008-11-06 01:07:20 UTC
From: scott.fusilier
Topic: 597 Message: 597

Hello all,

this is my first attempt at building an electronics kit. Everything went well through the first assembly groups and "smoke tests". Continued on to assembly group 3, installed parts all the way to L7. Before L7, attempted to perform tests on U8. I jumped in to counting the pins before doing any research on how IC pins are numbered.....Naturally, I didn't get the proper readings.

At this point everything was functioning as it should (display, keyer, functions, and white noise that went up and down with the volume control). Since I was not getting the proper readings from the test of U8, I disconnected the power from the rig and went to the PC to learn how IC chip pins are numbered.....The rig will not come on at all now.

I have gone cross eyed looking at all my solder joints looking for errors only to find none. I have tested the 24 pin main chip, along with the rest, and have power to all of them......Rig will not come back to life.

Any suggestions?

I would be grateful for any comments.

tnx es 73
Scott
KI4LKS

598. Re: Question????

Yahoo group: pfr3_group
Date: 2008-11-06 02:23:07 UTC
From: scott.fusilier
Topic: 597 Message: 598

--- In pfr3_group@yahoogroups.com, "scott.fusilier"
<scott.fusilier@...> wrote:
>
> Hello all,
>
> this is my first attempt at building an electronics kit. Everything
> went well through the first assembly groups and "smoke tests".
> Continued on to assembly group 3, installed parts all the way to L7.
> Before L7, attempted to perform tests on U8. I jumped in to counting
> the pins before doing any research on how IC pins are
> numbered.....Naturally, I didn't get the proper readings.
>
> At this point everything was functioning as it should (display, keyer,
> functions, and white noise that went up and down with the volume
> control). Since I was not getting the proper readings from the test of
> U8, I disconnected the power from the rig and went to the PC to learn
> how IC chip pins are numbered.....The rig will not come on at all now.
>
> I have gone cross eyed looking at all my solder joints looking for
> errors only to find none. I have tested the 24 pin main chip, along
> with the rest, and have power to all of them......Rig will not come
> back to life.
>
> Any suggestions?
>
> I would be grateful for any comments.
>
> tnx es 73
> Scott
> KI4LKS
>
OK....I did find an issue. I just tested the voltages on U6,the 28 pin
main chip, and found that I have 5v on pin 1....Good....2v on pin
2....not good....And 0v on pin 3. According to the voltage charts
included in the kit, pin 2 is DDS CLK, and pin 3 is DDS EN.

Thanks in advance for any suggestions.

Scott

599. Re: Just Radio on this list please

Yahoo group: pfr3_group
Date: 2008-11-06 02:22:39 UTC
From: n3ham1
Topic: 596 Message: 599

I'll second that Doug. By the way, I never thanked you for the knurled knobs, so I do that now. Thank you. I've been getting in a lot of park portable with the Yellow Machine with some nice dx and ragchews. Ole man winter will be rolling through soon, so that will be ending since I'm not a Polar Bear. In any case, it looks great sitting next to my SB101.
72 Jerry N3HAM.
--- In pfr3_group@yahoogroups.com, "KI6DS" <ki6ds@...> wrote:
>
> Please do not post any political statements or feelings of any kind on
> this list. This is a great radio list, please keep it that way.
Thank
> you for your help. Doug
>

600. Re: Paddle Input Problem

Yahoo group: pfr3_group
Date: 2008-11-06 02:28:28 UTC
From: Craig LaBarge
Topic: 576 Message: 600

Hi Steve:

Thanks for the info. I just tested it and it appears to be working
now. I think the battery I had been using was flaky. I swapped it
out and things appear to be normal once again.

In any event, I'll run through the Group 2 smoke tests again tomorrow
night and I'll post another message here if I run into trouble.

Thanks again.

73, Craig WB3GCK

--- In pfr3_group@yahoogroups.com, Steven Weber <kd1jv@...> wrote:
>
> Craig,
>
> There are two possible causes for your problem. One is the input
ports for
> the keyer got blown some how and the other is an open somewhere
between the
> port pins and the paddle.
>
> Try using a jumper wire with one end connected to ground and ground the
> paddle input pins right at the MEGA48, pins 4 and 5. Pin 5 should be dot
> and 4 should be dash. If it works there, try at the pins on the paddle
> jack. If it works there, check you paddle and cable. If it doesn't work
> right at the processor, then it will have to be replaced.
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> http://kd1jv.qrpradio.com
>

601. We're making progress! But....

Yahoo group: pfr3_group
Date: 2008-11-06 06:18:28 UTC
From: k7ddmjb
Topic: 601 Message: 601

Well, I finally got the counter hooked up and mesured the DDS to see if it was working, and it was.
Used my MFJ-259 as a sig generator and discovered the receiver IS working but its deaf. I suspect my winding of T1 is still not correct and unfortunatly after doing this TWICE, and obviously not getting the correct orentation of the wires in the holes correctly I must ask the group a question.
If you go to page 8 of the instructions and look at the picture of the coil winding and then number the wires from RIGHT to LEFT as "start winding'= #1, then "finish winding"= #2, the next loop wire as #3 and the last loop wire on the "Make" side of the description as #4.
From what I can figure the start winding goes in the top left hole marked with an "S" and the loop wire,(#2 called the finish winding) goes in the bottom left hole marked "L". The other two are grounded in the two holes on the right side of the transformer.
IF this is correct please confirm this so I can move on and see what is going on.
We're getting closer.
I also notice it appears that I need a bit more range out of the peaking control on 20 meters but I think I can touch up the trimmers on the back of the cap and tweek it in, (I hope).

602. Low volume

Yahoo group: pfr3_group
Date: 2008-11-07 20:19:27 UTC
From: jfelts13
Topic: 602 Message: 602

Is anyone having low volume problems with your?? Due to 37 hours without power because of a blizzard I've been using mine alot.

Jerry - NR5A

603. Re: [pfr3_group] Low volume

Yahoo group: pfr3_group
Date: 2008-11-07 21:20:02 UTC
From: MAXXOUT2@AOL.COM
Topic: 602 Message: 603

Hi Jerry,
Glad to hear your back at the Iron again.
Heard you were sick but I think I hold the record
Eight 1 week hospital stays in 14 months and 11 over night stays in the ER
Now I know what Humty Dumpty feels like:-)
BOB
AF2Q

In a message dated 11/7/2008 2:19:54 PM Central Standard Time,
NR5AJerry@... writes:

Is anyone having low volume problems with your?? Due to 37 hours
without power because of a blizzard I've been using mine alot.

Jerry - NR5A

**********AOL Search: Your one stop for directions, recipes and all other
Holiday needs. Search Now.
(http://pr.atwola.com/promoclk/100000075x1212792382x1200798498/aol?redir=http://searchblog
.aol.com/2008/11/04/happy-holidays-from
-aol-search/?ncid=emlcntussear00000001)

604. Re: Low volume

Yahoo group: pfr3_group
Date: 2008-11-07 22:38:53 UTC
From: w2bpi
Topic: 602 Message: 604

Yep. Check out my mod on the website. It will then blow the ears off us old duffers. 73 George/W2BPI ---
In pfr3_group@yahoogroups.com, "jfelts13" <NR5AJerry@...> wrote:
>
> Is anyone having low volume problems with your?? Due to 37 hours
> without power because of a blizzard I've been using mine alot.
>
> Jerry - NR5A
>

605. RE: [pfr3_group] Low volume

Yahoo group: pfr3_group
Date: 2008-11-08 01:11:50 UTC
From: Dale Putnam
Topic: 602 Message: 605

Hi Jerry,
I'd hoped you would get a chance to use it, but I hadn't really figured on this kind of incentive...
The audio may be increased by a change in a cap, I believe. If that doesn't get to you in the next day or so,
let me know, I'll find it.
--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.comFrom: NR5AJerry@...: Fri, 7 Nov 2008 20:19:27 +0000Subject: [pfr3_group] Low volume

Is anyone having low volume problems with your?? Due to 37 hours without power because of a blizzard I've been using mine alot.Jerry - NR5A

_____
Stay up to date on your PC, the Web, and your mobile phone with Windows Live
http://clk.atdmt.com/MRT/go/119462413/direct/01/

606. Re: Low volume

Yahoo group: pfr3_group
Date: 2008-11-08 16:31:48 UTC
From: Jim Ford
Topic: 602 Message: 606

The LM386 data sheet also shows a way to increase the gain by about 8 dB by connecting a 10 microfarad cap (+ to pin 1) in series with a 1.2 K resistor to pin 8. This might be a way to start first and then if you need extra gain then short across the 1.2 K resistor. Part of what we think is not enough gain is due to being used to modern rigs with AGC. In the modern rigs we turn up the volume to a confortable level with noise and then when a signal comes thru it reduces it. Now with no AGC the brain still wants to turn it up the level we expect but with no AGC the signal pops up out of the noise much more. So when you think the voltume is low remember to listen to the signal level and not the noise level. Increasing the gain will also increase the sidetone level.

Jim Ford, N6JF

607. Re: Low volume

Yahoo group: pfr3_group
Date: 2008-11-08 16:47:11 UTC
From: w2bpi
Topic: 602 Message: 607

In my rig I put a mini pot in series with the cap. Then you can set the level that is good for you. George/W2BPI

In pfr3_group@yahoogroups.com, Jim Ford <n6jf@...> wrote:
>
> The LM386 data sheet also shows a way to increase the gain by about 8
> dB by connecting a 10 microfarad cap (+ to pin 1) in series with a
> 1.2 K resistor to pin 8. This might be a way to start first and
> then if you need extra gain then short across the 1.2 K
> resistor. Part of what we think is not enough gain is due to being
> used to modern rigs with AGC. In the modern rigs we turn up the
> volume to a confortable level with noise and then when a signal comes
> thru it reduces it. Now with no AGC the brain still wants to turn it
> up the level we expect but with no AGC the signal pops up out of the
> noise much more. So when you think the voltume is low remember to
> listen to the signal level and not the noise level. Increasing the
> gain will also increase the sidetone level.
>
> Jim Ford, N6JF
>

608. Re: [pfr3_group] No-mod. volume boost

Yahoo group: pfr3_group
Date: 2008-11-08 17:04:13 UTC
From: sigcom@juno.com
Topic: 608 Message: 608

Use an outboard utility amplifier/speaker (you need one for your bench anyway) such as the Radio Shack Mini Amplfier, a homebrewed version of the same or Jim Kortge's "Islander".

Usual disclaimers apply but the Radio Shack amp. is nice because it has an integral speaker, volume control and battery. Works well for casual listening to the PFR without headphones.

73.......Steve Smith WB6TNL
"Snort Rosin"

_____
Get help now! Click to find the right drug rehab solution for you.
http://thirdpartyoffers.juno.com/TGL2121/fc/Ioyw6i3nCeLVLfWAt8ndiqmxIswlYOdIWnExDI0vi4HZ9vx3jgNVF3/?count=1234567890

609. Group 2- Smoke test failure

Yahoo group: pfr3_group
Date: 2008-11-08 18:11:43 UTC
From: ea2ctb
Topic: 609 Message: 609

Hello guys,
I am a newcomer to the electronic world, and this is my second kit.
I passed successfully group 1. The LED display works pefectly, and I
can do all the functionswith teh switches.
However, after soldering all parts of Group 2, I can hear nothng at
all. It seems that the paddle does its function, because I can change
speed up or down with teh dot/dash paddle, but tehre is no way to hear
anything at all. No noise, no side tone,...
Soldering seems to be ok, parts seem to be ok, I try different
headsets, adjujst Rx cap, BFO trimmer, ...
I only have DVM to test. No other tools like oscilloscope or frequency
meter.
Any help would be VERY appreciated as I am compelteley stuck.
If you need more info to help me,please, ask me.
regards,
Inaki
EA2CTB

610. Re: [pfr3_group] Group 2- Smoke test failure

Yahoo group: pfr3_group
Date: 2008-11-08 18:43:55 UTC
From: Steven Weber
Topic: 609 Message: 610

> speed up or down with teh dot/dash paddle, but tehre is no way to hear
> anything at all. No noise, no side tone,...

The first thing to check is the audio amp, the LM386. Do you have it installed the correct way? The pin 1 dot should be facing "down" towards the display, which is opposite the way the other chips in the group face.

Is there 6 volts on pin 6, the supply voltage input pin and 3 volts on pin 5, the audio output pin?

611. ****Please, need UR help*****

Yahoo group: pfr3_group
Date: 2008-11-08 20:25:10 UTC
From: scott.fusilier
Topic: 611 Message: 611

Hello PFR-3 group,

having some technical difficulties.

Would like to preface with the fact that this is my first attempt at an electronics kit....And if it never works properly, I have still learned a multitude.

Made it all the way through group 1 and 2, passed the smoke tests, assembled group 3 all the way to L7. At this point everything worked as it should, display, keyer, had static in head phones that increased and decreased with the volume control, etc.

Here is where I think I screwed up.....Started the test on U8 with out knowing explicitly how the pins are numbered. Naturally, I got incorrect readings. So, I disconnected the power to the rig and went to the PC to learn about IC chips. I learned that the pins are numbered counter clockwise beginning with the dot. I plugged the battery back into the PFR-3 and nothing happened. The rig has no display, and is inoperable in all respects. I can still hear noise in the headphones, but it is just dead noise.....Not the receiver.

I have since established that the issue is not a lack of battery voltage. I have tested all of the IC's and for the most part, they all have proper voltages except for U6.

Further testing of U6, the MEGA 48 MPU processor, shows it to have 5v on pin number 1, 2v on pin 2, and zero volts on pin 3, and proper voltages on all subsequent pins. I am certain that there are no soldering issues here......I have gone cross eyed double and triple checking every joint on the board......I even re-heated all of them to insure good flow. Also, all the capacitors are mounted properly, long side in the +.

Also, I found the post here about the mistake on the board, pin 7 to pin 20, and sever 7 to 21 path, which I completed after it would not start again.

I would really like to finish the kit on my own......Just need a push in the right direction.

I would be grateful for any suggestions.

Is it possible that I somehow disrupted the flash memory on U6? What about the surface mount stuff????? The reset on pin 1 (U6), does that restart the chip?

Thanks es 73

Scott
KI4LKS

612. Re: Group 2- Smoke test failure

Yahoo group: pfr3_group
Date: 2008-11-08 21:43:27 UTC
From: ea2ctb
Topic: 609 Message: 612

Many thanks for fast reply Steve.
The LM386 is properly installed, but there is no voltage in any of its pins. From pin 1 to 8, 0 volts.
In fact, every pin of U1, U2, U3 or U4 has "0 Volts".
LED display lights OK, adn the ATMEGA48 processor has voltage in many of its pins.
Any clue? Any other check?
Thanks again
EA2CTB

--- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@...> wrote:
>
> > speed up or down with teh dot/dash paddle, but tehre is no way to hear
> > anything at all. No noise, no side tone,...
>
> The first thing to check is the audio amp, the LM386. Do you have it
> installed the correct way? The pin 1 dot should be facing "down" towards the
> display, which is opposite the way the other chips in the group face.
>
> Is there 6 volts on pin 6, the supply voltage input pin and 3 volts on pin
> 5, the audio output pin?
>

613. Re: [pfr3_group] Re: Group 2- Smoke test failure

Yahoo group: pfr3_group
Date: 2008-11-08 22:57:30 UTC
From: Steven Weber
Topic: 609 Message: 613

>
> Many thanks for fast reply Steve.
> The LM386 is properly installed, but there is no voltage in any of its
> pins. From pin 1 to 8, 0 volts.

The audio amp and the rest of the receiver chips gets thier power from a seperate 6 volt regulator, U5. This is near the upper left hand corner of the display. Make sure you indeed have the 78L06 regulator installed and not something else! If the proper part is installed, touch it to see if it is getting hot. If so, you likely have a short to ground from the output side someplace.

Steve KD1JV

614. Re: [pfr3_group] ****Please, need UR help*****

Yahoo group: pfr3_group
Date: 2008-11-08 23:05:46 UTC
From: Steven Weber
Topic: 611 Message: 614

It sounds like you somehow blow up the processor. If you send me the chip, I will check it out and replace if needed. My address is in the manual.

Steve KD1JV

615. Re: ****Please, need UR help*****

Yahoo group: pfr3_group
Date: 2008-11-08 23:46:56 UTC
From: scott.fusilier
Topic: 611 Message: 615

--- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@...> wrote:
>
> It sounds like you somehow blow up the processor. If you send me the
chip, I
> will check it out and replace if needed. My address is in the manual.
>
> Steve KD1JV
>
Thank you very much for the response and the offer. I will get it in
the mail Monday.

I am very excited about getting over this hurdle and putting the PFR-3
on the air!

:^)

Tnx es 73

Scott
KI4LKS

616. Re: Group 2- Smoke test failure

Yahoo group: pfr3_group
Date: 2008-11-09 07:17:55 UTC
From: ea2ctb
Topic: 609 Message: 616

MANY thanks Steve,
It is solved and smoke test 2 passed with merits!!!
U5 was in place, but with your clue I focused on re-soldering the three legs of U5, adn it seems any of them was not ok, because voltage came to pins of audio amp, hiss appeared, side tone is clear, and reception even without antenna worked!!!
I did manage to listen to a couple of QSOs along the 40 m band, and regulate cap and trimmer.
Again, many thanks for your indications as they led to the solution. Otherwise I could have spent hours re-soldering every lead, and in some cases (what I was afraid of) even would have spoilt some good ones.
I will go ahead with part 3 as soon as possible, and hopefully no need to bother you until the rig works.
Regards,
Inaki
EA2CTB

> >
> > Many thanks for fast reply Steve.
> > The LM386 is properly installed, but there is no voltage in any of its
> > pins. From pin 1 to 8, 0 volts.
>
> The audio amp and the rest of the receiver chips gets thier power from a
> seperate 6 volt regulator, U5. This is near the upper left hand corner of
> the display. Make sure you indeed have the 78L06 regulator installed and not
> something else! If the proper part is installed, touch it to see if it is
> getting hot. If so, you likely have a short to ground from the output side
> someplace.
>
> Steve KD1JV
>

617. Help With PCB Error Mod Please

Yahoo group: pfr3_group
Date: 2008-11-09 18:01:04 UTC
From: Johnny Matlock
Topic: 617 Message: 617

I just got around to making the pcb mod where pin 7 is going to pin 21
and needs to be moved to pin 20, on the processor.Re:pcb error on
PFR-3 from the list.
Well if I haven't forgot how to count, pin 7 now is going to pin 22.
So what is the correct answer? I don't want to blow the cpu, while
trying to make the little Yellow Pig work Better!
Thanks 72
Johnny Matlock
AC0BQ
Jomatlock@...

618. Re: Help With PCB Error Mod Please

Yahoo group: pfr3_group
Date: 2008-11-09 19:50:43 UTC
From: ac0bq
Topic: 617 Message: 618

--- In pfr3_group@yahoogroups.com, "Johnny Matlock" <jomatlock@...> wrote:
>
> I just got around to making the pcb mod where pin 7 is going to pin 21
> and needs to be moved to pin 20, on the processor.Re:pcb error on
> PFR-3 from the list.
> Well if I haven't forgot how to count, pin 7 now is going to pin 22.
> So what is the correct answer? I don't want to blow the cpu, while
> trying to make the little Yellow Pig work Better!
> Thanks 72
> Johnny Matlock
> AC0BQ
> Jomatlock@...
>
Well I am sorry for taking up space. I went to the website, and the
new manual posted there had a pic, and yes they are worth a thousand
words!
I can't count!
TNX
Johnny

619. Re: [pfr3_group] Help With PCB Error Mod Please

Yahoo group: pfr3_group
Date: 2008-11-09 21:07:52 UTC
From: Dieter Klaschka
Topic: 617 Message: 619

Johnny, have a look at my photo album at the pfr list.
Dieter DL2BQD
----- Original Message -----
From: Johnny Matlock
To: pfr3_group@yahoogroups.com
Sent: Sunday, November 09, 2008 7:01 PM
Subject: [pfr3_group] Help With PCB Error Mod Please

I just got around to making the pcb mod where pin 7 is going to pin 21
and needs to be moved to pin 20, on the processor.Re:pcb error on
PFR-3 from the list.
Well if I haven't forgot how to count, pin 7 now is going to pin 22.
So what is the correct answer? I don't want to blow the cpu, while
trying to make the little Yellow Pig work Better!
Thanks 72
Johnny Matlock
AC0BQ
Jomatlock@...

622. WARNING WARNING !!!!!!!

Yahoo group: pfr3_group
Date: 2008-11-11 15:30:11 UTC
From: merlinrail
Topic: 622 Message: 622

DONT OPEN ANY LINKS FROM THE LAST TWO E-MAILS AS IT IS A FISHING SCAM.
CHEERS
ROY
GM4VKI

623. Where do I get this pfr-3

Yahoo group: pfr3_group
Date: 2008-11-11 22:39:30 UTC
From: hatznhorns
Topic: 623 Message: 623

I am interested in learning the code and building the little radio as shown on the pebbles -the pfr-3.. But I am new to QRP, and need to know where to get the radio to build and who has the best CD or tape on learning the code.? 73s, Pat KI4KEI

624. Re: [pfr3_group] Where do I get this pfr-3

Yahoo group: pfr3_group
Date: 2008-11-11 22:51:26 UTC
From: Gary
Topic: 623 Message: 624

http://www.qrpkits.com/

I am interested in learning the code and building the little radio as shown on the pebbles -the pfr-3.. But I am new to QRP, and need to know where to get the radio to build and who has the best CD or tape on learning the code.? 73s, Pat KI4KEI

625. Re: [pfr3_group] Where do I get this pfr-3

Yahoo group: pfr3_group
Date: 2008-11-11 23:13:22 UTC
From: MAXXOUT2@AOL.COM
Topic: 623 Message: 625

Paul,
You don't need CD's and tapes.
Just down load the KOCH morse trainer.

http://www.g4fon.net/ (http://www.g4fon.net/)
BOB
AF2Q
In a message dated 11/11/2008 4:52:37 PM Central Standard Time,
w4gns@... writes:

I am interested in learning the code and building the little radio as
shown on the pebbles -the pfr-3.. But I am new to QRP, and need to know
where to get the radio to build and who has the best CD or tape on
learning the code.? 73s, Pat KI4KEI

**********AOL Search: Your one stop for directions, recipes and all other
Holiday needs. Search Now.
(http://pr.atwola.com/promoclk/100000075x1212792382x1200798498/aol?redir=http://searchblog
.aol.com/2008/11/04/happy-holidays-from
-aol-search/?ncid=emlcntussear00000001)

626. Re: Where do I get this pfr-3

Yahoo group: pfr3_group
Date: 2008-11-12 00:09:45 UTC
From: gard8847
Topic: 623 Message: 626

Pat,

Just about any code course will get you there eventually, some are better than others. I really like the Chuck Adams (K7QO) course It's all on MP3's and you can practice any where. Chuck Adams currently holds 8th place in the all time CW speed record book of 140 words a minute at 100 percent accuracy. So he has a pretty good method and is great source of instruction. Here are some links:

http://www.kc5cqm.org/pmwiki/pmwiki.php?n=Main.K7QOcwCourse

http://www.hamradioinstructor.com/download/K7QO_ARRL_Code.pdf

http://www.hamradiotube.com/Vidiscript/play/CW_QSO/Chuck_Adams__K7QO

http://www2.arrl.org/news/features/2008/05/20/10107/

Good Luck, Randy - AE5HU

--- In pfr3_group@yahoogroups.com, "hatznhorns" <hatznhorns@...> wrote:
>
>
> I am interested in learning the code and building the little radio as
> shown on the pebbles -the pfr-3.. But I am new to QRP, and need to know
> where to get the radio to build and who has the best CD or tape on
> learning the code.? 73s, Pat KI4KEI
>

627. Re: [pfr3_group] Re: Where do I get this pfr-3

Yahoo group: pfr3_group
Date: 2008-11-12 03:08:01 UTC
From: MAXXOUT2@AOL.COM
Topic: 623 Message: 627

Randy,
I know years back Chuck was good for 60 WPM
I can't even imagine what 140 WPM sounds like.
BOB
AF2Q

In a message dated 11/11/2008 6:10:06 PM Central Standard Time,
gard8847@... writes:

Just about any code course will get you there eventually, some are
better than others. I really like the Chuck Adams (K7QO) course It's
all on MP3's and you can practice any where. Chuck Adams currently
holds 8th place in the all time CW speed record book of 140 words a
minute at 100 percent accuracy. So he has a pretty good method and is
great source of instruction. Here are some links:

**********AOL Search: Your one stop for directions, recipes and all other
Holiday needs. Search Now.
(http://pr.atwola.com/promoclk/100000075x1212792382x1200798498/aol?redir=http://searchblog
.aol.com/2008/11/04/happy-holidays-from
-aol-search/?ncid=emlcntussear00000001)

628. Re: Where do I get this pfr-3

Yahoo group: pfr3_group
Date: 2008-11-12 03:56:19 UTC
From: gard8847
Topic: 623 Message: 628

Bob

I know it blows my mind. My life time goal is to make it to 21 or 30.
I found out more about the test. Its administered by a computer
which sends just a call sign. Then you respond with the answer. This
goes on for 5 to 15 minutes. Now get this, Chuck was beaten by two
Europeans who both tied at 200 words a minute. Holy smoken ear drums
batman! The next international competition is going to be held at
Dayton or Pacificon in 2010. We have got time to get some practice in??

Randy - AE5HU

PS I found another link the Chucks code course:

http://www.hamradioinstructor.com/morse.html

--- In pfr3_group@yahoogroups.com, MAXXOUT2@... wrote:
>
>
> Randy,
> I know years back Chuck was good for 60 WPM
> I can't even imagine what 140 WPM sounds like.
> BOB
> AF2Q
>
>
> In a message dated 11/11/2008 6:10:06 PM Central Standard Time,
> gard8847@... writes:
>
> Just about any code course will get you there eventually, some are
> better than others. I really like the Chuck Adams (K7QO) course It's
> all on MP3's and you can practice any where. Chuck Adams currently
> holds 8th place in the all time CW speed record book of 140 words a
> minute at 100 percent accuracy. So he has a pretty good method and is
> great source of instruction. Here are some links:
>
>
>
>
> **********AOL Search: Your one stop for directions, recipes and
all other
> Holiday needs. Search Now.
>
(http://pr.atwola.com/promoclk/100000075x1212792382x1200798498/aol?redir=http://searchblog
.aol.com/2008/11/04/happy-holidays-from
> -aol-search/?ncid=emlcntussear00000001)

>

629. Re: [pfr3_group] Re: Where do I get this pfr-3

Yahoo group: pfr3_group
Date: 2008-11-12 06:16:44 UTC
From: MAXXOUT2@AOL.COM
Topic: 623 Message: 629

OK,
So this being to recognize a call at high speed then after 1 full minute you copy and resend?
Nine years ago I was good for 40 WPM holding a QSO.
But I got hit with a stroke.
Then I started kit building and experimenting with antennas and I lost my speed but I can still bag calls at 35-40 WPM.
Having a local club and a CW buddy really helps out.
OK,
I will meet you at Dayton in 2010 and we'll put Chuck down and wipe the score away from the EU hams:-)
I didn't do the download because i'm on dial up and it seems AOL never gets much over 28-600 here so I been listening to the KOCH trainer.
BOB
AF2Q

In a message dated 11/11/2008 9:56:40 PM Central Standard Time,
gard8847@... writes:

Bob

I know it blows my mind. My life time goal is to make it to 21 or 30.
I found out more about the test. Its administered by a computer
which sends just a call sign. Then you respond with the answer. This
goes on for 5 to 15 minutes. Now get this, Chuck was beaten by two
Europeans who both tied at 200 words a minute. Holy smoken ear drums
batman! The next international competition is going to be held at
Dayton or Pacificon in 2010. We have got time to get some practice in??

Randy - AE5HU

PS I found another link the Chucks code course:

http://www.hamradioinstructor.com/morse.html

**********AOL Search: Your one stop for directions, recipes and all other Holiday needs. Search Now.
(http://pr.atwola.com/promoclk/100000075x1212792382x1200798498/aol?redir=http://searchblog.aol.com/2008/11/04/happy-holi
days-from-aol-search/?ncid=emlcntussear00000001)

630. Re: [pfr3_group] Where do I get this pfr-3

Yahoo group: pfr3_group
Date: 2008-11-12 12:25:02 UTC
From: Patt Hammond
Topic: 623 Message: 630

Koch Morse Trainer -Thanks for the tip! Pat

--- On Tue, 11/11/08, MAXXOUT2@... <MAXXOUT2@...> wrote:

From: MAXXOUT2@... <MAXXOUT2@AOL.COM>
Subject: Re: [pfr3_group] Where do I get this pfr-3
To: pfr3_group@yahoogroups.com
Date: Tuesday, November 11, 2008, 11:13 PM

Paul,
You don't need CD's and tapes.
Just down load the KOCH morse trainer.

http://www.g4fon. net/
BOB
AF2Q
In a message dated 11/11/2008 4:52:37 PM Central Standard Time, w4gns@w4gns.. com writes:

I am interested in learning the code and building the little radio as
shown on the pebbles -the pfr-3.. But I am new to QRP, and need to know
where to get the radio to build and who has the best CD or tape on
learning the code.? 73s, Pat KI4KEI

AOL Search: Your one stop for directions, recipes and all other Holiday needs. Search Now.

632. Re: [pfr3_group] Tweaking after building

Yahoo group: pfr3_group
Date: 2008-11-13 06:12:53 UTC
From: MAXXOUT2@AOL.COM
Topic: 631 Message: 632

Send it to Steve.
He invented that rig
He has all the lab gear and for a few $$$$
You get the rig professionally aligned by the person who knows it better
then anyone else

In a message dated 11/12/2008 11:56:57 PM Central Standard Time,
nick_ulman@... writes:

Can the PFR-3 be easily calibrated or adjusted after it's completely
finished or is it better to do that before wiring it into the cabinet?
The reason I ask is that I have only a DMM; no scope or frequency
counter. However, I could take the completed (or partially completed)
radio to somewhere where test equipment is available. 73, KZ2V, Nick

**********Get the Moviefone Toolbar. Showtimes, theaters, movie news &
more!(http://pr.atwola.com/promoclk/100000075x1212774565x1200812037/aol?redir=htt
p://toolbar.aol.com/moviefone/download.html?ncid=emlcntusdown00000001)

633. Working perfectly

Yahoo group: pfr3_group
Date: 2008-11-21 23:14:31 UTC
From: ea2ctb
Topic: 633 Message: 633

Hello guys,
I finished the toy a few days ago as I posted, but now I can confirm I have worked a few countries throughout Europe (from Spain), and the rig performs as it should and it delivers the right power at every band.
My only comments are:
- I still find difficult to understand the use of S8 (coax-BLT) and rear switch (facing binding posts or BNC) depending on the type of antenna and the use of BLT. If someone could clarify the different options of both switches for hte different cases:
+Coaxial antenna in BNC and no use of the BLT
+Coaxial antenna in BNC but use of the BLT
+Binding posts (dipole or so) and no use of BLT
+Binding posts (dipole or so) but use of BLT
+Other posibilities?

- I find quite tough the recording of messages. Your timing must be very accurate.

You see both comments are not complaints for the rig, but for me hihihi.

By the way, the SWR led gets me "blind" after a while of adjustment and close look at it. Shouldn't it be coloured or less bright? I cover it with a small film of blue plastic to darken it a bit. Do you use any similar trick?

Anyway, a lot of fun and a real usable QRP toy.
Congratulations Steve!
73
Inaki
EA2CTB

634. Re: [pfr3_group] Working perfectly

Yahoo group: pfr3_group
Date: 2008-11-22 16:04:21 UTC
From: Steven Weber
Topic: 633 Message: 634

> - I still find difficult to understand the use of S8 (coax-BLT) and
> rear switch (facing binding posts or BNC) depending on the type of
> antenna and the use of BLT. If someone could clarify the different

If the toggle switch is wired as shown in the manual, when the handle of the switch is facing the binding posts, the red post is connected to the center of the BNC jack and the black post is grounded. In this case, the BLT now has an unbalanced output. The BLT/Coax switch should also be in the BLT position.

With that switch combination of settings, the tuner can now be used to match coax (using the "Low Z" BLT setting) or end feed wires connected to the binding posts. End feed wires which are shorter or close to 1/4 wave length would use the low Z setting wires close to 1/2 wave would use the high Z setting.

Steve KD1JV

635. Re: Working perfectly

Yahoo group: pfr3_group
Date: 2008-11-22 19:56:37 UTC
From: ea2ctb
Topic: 633 Message: 635

Thanks for quick answer Steve.
I will check if the wiring is exactly as in the manual, and I will try it out. If I do not get it, I will come back to you.
73

--- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@...> wrote:
>
> > - I still find difficult to understand the use of S8 (coax-BLT) and
> > rear switch (facing binding posts or BNC) depending on the type of
> > antenna and the use of BLT. If someone could clarify the different
>
> If the toggle switch is wired as shown in the manual, when the handle of the
> switch is facing the binding posts, the red post is connected to the center
> of the BNC jack and the black post is grounded. In this case, the BLT now
> has an unbalanced output. The BLT/Coax switch should also be in the BLT
> position.
>
> With that switch combination of settings, the tuner can now be used to match
> coax (using the "Low Z" BLT setting) or end feed wires connected to the
> binding posts. End feed wires which are shorter or close to 1/4 wave length
> would use the low Z setting wires close to 1/2 wave would use the high Z
> setting.
>
> Steve KD1JV
>

636. Re: Working perfectly

Yahoo group: pfr3_group
Date: 2008-11-22 20:16:21 UTC
From: ea2ctb
Topic: 633 Message: 636

Hi Steve,
What you wrote below is exactly what I can find in the manual under the paragraph "Using the BLT with end feed antennas or coax".
It is OK.
However, there is a note under the paragraph "using the BLT" in the manual that confused me. It says: "The handle of the switch on the rear panel should be slanted towards the coax jack using either balanced line on the binding posts or just a coax feed antenna".

Perhaps in theory both recommendatios might be right, but a bit confusing for newcomers I think.
73

> > If the toggle switch is wired as shown in the manual, when the
> handle of the
> > switch is facing the binding posts, the red post is connected to
> the center
> > of the BNC jack and the black post is grounded. In this case,
the
> BLT now
> > has an unbalanced output. The BLT/Coax switch should also be in
> the BLT
> > position.
> >
> > With that switch combination of settings, the tuner can now be
> used to match
> > coax (using the "Low Z" BLT setting) or end feed wires connected
> to the
> > binding posts. End feed wires which are shorter or close to 1/4
> wave length
> > would use the low Z setting wires close to 1/2 wave would use
the
> high Z
> > setting.
> >
> > Steve KD1JV
> >
>

637. Problem on power on my PFR 3

Yahoo group: pfr3_group
Date: 2008-11-23 17:35:59 UTC
From: alfredo.defrancisci
Topic: 637 Message: 637

Hello world
Please, I need your help.

After two weeks that I've assembled my PFR3
and it worked well, one day I turn on and display don't run !!
Hargh !!! I've checked power supply coonections, voltage etc.
All well !!

Double Hargh !!!

Then I've moved band selector and Ta tha ... Display appears.

Every time that I turn on my PFR3 same behaviour.

Please could you help me to solve it ?

Thank you in advance.

fred

638. Re: [pfr3_group] Problem on power on my PFR 3

Yahoo group: pfr3_group
Date: 2008-11-24 13:13:39 UTC
From: pablo kiryluk
Topic: 637 Message: 638
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

639. Re: Problem on power on my PFR 3

Yahoo group: pfr3_group
Date: 2008-11-24 14:39:32 UTC
From: rkavampsev@aol.com
Topic: 637 Message: 639

Hi all
i had the exact same fault which was cured when i did the PCB factory mod
pin 7 and pin 20 i think.
cheers
roy
GM4VKI

640. Re: Problem on power on my PFR 3

Yahoo group: pfr3_group
Date: 2008-11-24 16:13:04 UTC
From: alfredo.defrancisci
Topic: 637 Message: 640

Thanls to answer me.

>did you do the mod on the pc board?

No, I've already performed all activities reported on
PFR3 assembly manual rev B.
Please could you show me how implement it ?

Thank you in advance.

fred

--- In pfr3_group@yahoogroups.com, "pablo kiryluk" <lu4dqq@...> wrote:
>
> Hellou Fred... I can offer some possible reason... did you do the
mod on the
> pc board?
> the one that changes the factory fault?
> Waiting for your comments,
> pdk
>

641. Re: Problem on power on my PFR 3

Yahoo group: pfr3_group
Date: 2008-11-25 15:32:57 UTC
From: rkavampsev@aol.com
Topic: 637 Message: 641

HI FRED the information is on the PFR3 forum ie this forum, hunt through the messages for PCB problem or PCB error in the photo section of this web site.
cheers
Roy
GM4VKI

642. Re: Problem on power on my PFR 3

Yahoo group: pfr3_group
Date: 2008-11-29 17:10:14 UTC
From: alfredo.defrancisci
Topic: 637 Message: 642

Thank you Roy and all for information !!

I've resolved problem !
(Up to now I don't believe it)
PFR 3 is ready to start as never before.

Let ear together in air.

fred

IZ2ONZ

--- In pfr3_group@yahoogroups.com, rkavampsev@... wrote:
>
> HI FRED the information is on the PFR3 forum ie this forum, hunt
through the
> messages for PCB problem or PCB error in the photo section of this
web site.
> cheers
> Roy
> GM4VKI
>

643. Re: Problem on power on my PFR 3

Yahoo group: pfr3_group
Date: 2008-12-01 09:24:45 UTC
From: rkavampsev@aol.com
Topic: 637 Message: 643

great fred glad its all ok now .
Im usually on 7.028 or 10.114 14.058 should you here me give me a call
73's
roy
GM4VKI

644. New poll for pfr3_group

Yahoo group: pfr3_group
Date: 2008-12-02 01:29:50 UTC
From: pfr3_group@yahoogroups.com
Topic: 644 Message: 644

Enter your vote today! A new poll has been created for the
pfr3_group group:

What percentage do you use the PFR3 compared to your other HF rigs?

o 76% to 100% of the time
o 51% to 75% of the time
o 26% to 50% of the time
o 0% to 25% of the time.

To vote, please visit the following web page:
http://groups.yahoo.com/group/pfr3_group/surveys?id=2458375

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

646. parts Supply

Yahoo group: pfr3_group
Date: 2008-12-05 18:04:54 UTC
From: querencias
Topic: 646 Message: 646

San Diego Electronic Supply [http://www.sdelectronicsupply.com/] has a terrific inventory of
discrete components including SMD. He also is adept when finding substitutions.

He will mail the parts to anywhere in the world to which they can be delivered

all the best, Grant KT6L

647. Saturday dec 13, 1700Z to 2200Z, VA2SG/PM

Yahoo group: pfr3_group
Date: 2008-12-11 21:25:28 UTC
From: J.-P. Couture
Topic: 647 Message: 647

If not too cold, I'll try my PFR3 with buddistick in pedestrain mobile config. I dont know if it will work. I'll be calling CQ PB (polar bears qrp club). I'll be qrv 14060, 10106 and 7040. If you hear me, call me!

Pete VA2SG

648. PFR3 ATMEGA48 Chip Update

Yahoo group: pfr3_group
Date: 2008-12-12 13:49:38 UTC
From: donaldjmcbride
Topic: 648 Message: 648

Wondering aloud here about the current time frame for ATMEGA48 chip re-programming. I understand we are to mail the 28-pin DIP back to Steve Weber and not to Doug Hendricks.

Early in the summer, I built our favorite PFR-3 "Yellow Wonder" and have been using the daylights out of it ever since. I need to get the chip re-programmed, as I have one of the early issue kits without the "red dot" on the chip.

Trying to do without use of this wonder rig for the least amount of time possible, I have been procrastinating the inevitable downtime in order to send the chip to Steve for re-programming. How long has this process been taking?

I really like what Steve has designed. Doug kindly sent me the four additional black thumbscrews to facilitate battery replacement and the rig is near-perfect in my eyes. It creates a stir wherever I take it (and being one of those dummies who lives in an antenna restricted community, portable operation IS my hamming outlet).

Any feedback would be appreciated.
Thanks for the bandwidth.

.. 72/73,
... Don WA3ZBJ/4

649. Re: [pfr3_group] PFR3 ATMEGA48 Chip Update

Yahoo group: pfr3_group
Date: 2008-12-12 14:57:24 UTC
From: David Wilcox
Topic: 648 Message: 649

Contact Steve direct. I sent mine in last summer and it came back in a week. He fixed problems I didn't know I had. Love the rig. Now to build and install the battery indicator. What next will fit into this lovely yellow box?

Dave K8WPE

650. Re: [pfr3_group] PFR3 ATMEGA48 Chip Update

Yahoo group: pfr3_group
Date: 2008-12-12 16:07:45 UTC
From: Steven Weber
Topic: 648 Message: 650

> Wondering aloud here about the current time frame for ATMEGA48 chip
> re-programming. I understand we are to mail the 28-pin DIP back to
> Steve Weber and not to Doug Hendricks.

I try to turn them around within a day or two of getting them. The mail might be a little slow this time of year, weather might be a factor and if I can get my car to start.

Steve KD1JV

651. Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2008-12-12 22:53:06 UTC
From: g0azs
Topic: 520 Message: 651

Hi Doug

Any update on the thumbscrews for us Europeans who are eagerly
awaiting them?

Thanks and 73 Marc G0AZS

--- In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>
> Warner, I was buried with US orders. I figured there would be 10 or so,
> there were over 70!!. Used up all my stock, had to order and waiting on
> them to arrive. Sorry, but they will be sent to you when I get them.
> Doug
>
>
> > Hi Doug,I am sorri to tell You,but till today no "knurled thumbscrews"
> > seen yet.
> > I hope nothing went wrong during transport ?
> >
> > promised , as soon the packet arrives here , I will let You known.
> > -maybe more luck tomorrow ;-)
> > kind regards
> > Jos
> > ON6WJ
> >
> >
>

652. Screw threads.

Yahoo group: pfr3_group
Date: 2008-12-15 00:36:36 UTC
From: stealth49.geo
Topic: 652 Message: 652

Can anyone tell me what the specific of the one inch screws used on on the PFR3, e.g. diameter and thread detail?

Thanks

Tim
W1WCI

653. Re: [pfr3_group] Screw threads.

Yahoo group: pfr3_group
Date: 2008-12-15 02:05:20 UTC
From: w2bpi1@aol.com
Topic: 652 Message: 653

I don't see any 1 inch screws in this rig!!

George

In a message dated 12/14/2008 19:36:49 Eastern Standard Time,
w1wci@... writes:

Can anyone tell me what the specific of the one inch screws used on on
the PFR3, e.g. diameter and thread detail?

Thanks

Tim
W1WCI

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favorite sites in one place. Try it now.
(http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000010)

654. Re: Screw threads.

Yahoo group: pfr3_group
Date: 2008-12-15 02:51:30 UTC
From: stealth49.geo
Topic: 652 Message: 654

They are part of the hardware for the Polyvaricon Caps. I am missing
two and want to look locally.

--- In pfr3_group@yahoogroups.com, w2bpi1@... wrote:
>
> I don't see any 1 inch screws in this rig!!
>
> George
>
>
> In a message dated 12/14/2008 19:36:49 Eastern Standard Time,
> w1wci@... writes:
>
>
>
>
> Can anyone tell me what the specific of the one inch screws used on on
> the PFR3, e.g. diameter and thread detail?
>
> Thanks
>
> Tim
> W1WCI
>
>
>
>
>
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> favorite sites in one place. Try it now.
>
(http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000010)
>

655. RE: [pfr3_group] Re: Screw threads.

Yahoo group: pfr3_group
Date: 2008-12-15 02:52:49 UTC
From: Dale Putnam
Topic: 652 Message: 655

I found some that were mighty close, at Lowes...
suspect that any of the box hardware stores, may have them.--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.comFrom: w1wci@...: Mon, 15 Dec 2008 02:51:30 +0000Subject: [pfr3_group] Re: Screw threads.

They are part of the hardware for the Polyvaricon Caps. I am missingtwo and want to look locally.--- In pfr3_group@yahoogroups.com, w2bpi1@... wrote:>> I don't see any 1 inch screws in this rig!!> > George > > > In a message dated 12/14/2008 19:36:49 Eastern Standard Time, > w1wci@... writes:> > > > > Can anyone tell me what the specific of the one inch screws used on on> the PFR3, e.g. diameter and thread detail?> > Thanks> > Tim> W1WCI> > > > > > **********Make your life easier with all your friends, email, and > favorite sites in one place. Try it now.
>(http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000010)>

_____
Send e-mail anywhere. No map, no compass.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_anywhere_122008

656. Re: [pfr3_group] Re: Screw threads.

Yahoo group: pfr3_group
Date: 2008-12-15 02:54:11 UTC
From: ki6ds@dospalos.org
Topic: 652 Message: 656

2.6 x 25mm metric screws. Doug

> They are part of the hardware for the Polyvaricon Caps. I am missing
> two and want to look locally.
>
> --- In pfr3_group@yahoogroups.com, w2bpi1@... wrote:
>>
>> I don't see any 1 inch screws in this rig!!
>>
>> George
>>
>>
>> In a message dated 12/14/2008 19:36:49 Eastern Standard Time,
>> w1wci@... writes:
>>
>>
>>
>>
>>
>> Can anyone tell me what the specific of the one inch screws used on on
>> the PFR3, e.g. diameter and thread detail?
>>
>> Thanks
>>
>> Tim
>> W1WCI
>>
>>
>>
>>
>>
>>
>> **********Make your life easier with all your friends, email, and
>> favorite sites in one place. Try it now.
>>
> (http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000010)
>>
>
>
>

658. Poll results for pfr3_group

Yahoo group: pfr3_group
Date: 2008-12-16 08:51:26 UTC
From: pfr3_group@yahoogroups.com
Topic: 658 Message: 658

The following pfr3_group poll is now closed. Here are the
final results:

POLL QUESTION: What percentage do you use the PFR3 compared to your other HF rigs?

CHOICES AND RESULTS
- 76% to 100% of the time, 2 votes, 10.00%
- 51% to 75% of the time, 4 votes, 20.00%
- 26% to 50% of the time, 2 votes, 10.00%
- 0% to 25% of the time., 12 votes, 60.00%

For more information about this group, please visit
http://groups.yahoo.com/group/pfr3_group

For help with Yahoo! Groups, please visit
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html

659. Re: [pfr3_group] Poll results for pfr3_group

Yahoo group: pfr3_group
Date: 2008-12-16 09:17:40 UTC
From: MAXXOUT2@AOL.COM
Topic: 659 Message: 659

I was ready to buy but after being on the list and reading about all the bugs.problems,wrong caps,reprograming the chip,low volum,tuner problems and more so I went back to a used NC-20 and doing mods to that.
I would like to see a reguar VFO and a tiny built in end fed tuner then 1 wire will tune the three bands
BOB
AF2Q

In a message dated 12/16/2008 12:51:44 AM Pacific Standard Time, pfr3_group@yahoogroups.com writes:

POLL QUESTION: What percentage do you use the PFR3 compared to your other HF rigs?

CHOICES AND RESULTS
- 76% to 100% of the time, 2 votes, 10.00%
- 51% to 75% of the time, 4 votes, 20.00%
- 26% to 50% of the time, 2 votes, 10.00%
- 0% to 25% of the time., 12 votes, 60.00%

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(http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000010)

660. Re: [pfr3_group] Poll results for pfr3_group

Yahoo group: pfr3_group
Date: 2008-12-16 13:33:29 UTC
From: Steve
Topic: 659 Message: 660

Sorry Bob...but you're obviously assuming that all of the problems were due to design or packaging. Many of the problems were builder errors which happen with any kit. Any problems with the microprocessor were easily and quickly fixed by Mr. Weber and, on at least my radio, volume has never been a problem...but then again, I have good ears. The radio is superb and a joy to use, and if one does have a problem, the support is excellent. It does have a built-in tuner...not automatic tuner. So far as a regular vfo, it doesn't get much easier to use than this. For my money, this is a super piece of equipment! Steve N0SM

MAXXOUT2@... wrote:
>
>
> I was ready to buy but after being on the list and reading about all
> the bugs.problems,wrong caps,reprograming the chip,low volum,tuner
> problems and more so I went back to a used NC-20 and doing mods to that.
> I would like to see a reguar VFO and a tiny built in end fed tuner
> then 1 wire will tune the three bands
> BOB
> AF2Q
>
> In a message dated 12/16/2008 12:51:44 AM Pacific Standard Time,
> pfr3_group@yahoogroups.com writes:
>
> POLL QUESTION: What percentage do you use the PFR3 compared to
> your other HF rigs?
>
> CHOICES AND RESULTS
> - 76% to 100% of the time, 2 votes, 10.00%
> - 51% to 75% of the time, 4 votes, 20.00%
> - 26% to 50% of the time, 2 votes, 10.00%
> - 0% to 25% of the time., 12 votes, 60.00%
>
>
>
>
>
> ---
> Make your life easier with all your friends, email, and favorite sites
> in one place. Try it now
> <http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000010>.
>
> ---
>
>

> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.176 / Virus Database: 270.9.18/1850 - Release Date: 12/15/2008 5:04 PM
>
>

661. Re: [pfr3_group] Poll results for pfr3_group

Yahoo group: pfr3_group
Date: 2008-12-16 15:03:16 UTC
From: MAXXOUT2@AOL.COM
Topic: 659 Message: 661

From what I read a chip was the wrong one or was not programmed right and had to be sent back.
Then the part with the caps.
Then one person said he had much less power on 1 band
I started asking myself if I was going to be paying to be a beta tester for this new three band rig
Wasn't this kit built,tested before it was sent out to others in kit form?
Oh and there was several issues with the tuner.
These guy know more then me so I looks like a kit I would have problems with although I did build the Red Hot rigs.
BOB
AF2Q

In a message dated 12/16/2008 5:33:45 AM Pacific Standard Time, hsmiller@... writes:

Sorry Bob...but you're obviously assuming that all of the problems were due to design or packaging. Many of the problems were builder errors which happen with any kit. Any problems with the microprocessor were easily and quickly fixed by Mr. Weber and, on at least my radio, volume has never been a problem...but then again, I have good ears. The radio is superb and a joy to use, and if one does have a problem, the support is excellent. It does have a built-in tuner...not automatic tuner. So far as a regular vfo, it doesn't get much easier to use than this. For my money, this is a super piece of equipment! Steve N0SM

**********Make your life easier with all your friends, email, and favorite sites in one place. Try it now.
(http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000010)

662. Re: [pfr3_group] Poll results for pfr3_group

Yahoo group: pfr3_group
Date: 2008-12-16 15:15:41 UTC
From: pablo kiryluk
Topic: 659 Message: 662
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

663. Re: [pfr3_group] Poll results for pfr3_group

Yahoo group: pfr3_group
Date: 2008-12-16 15:26:47 UTC
From: Steve
Topic: 659 Message: 663

Hi Bob,
If my information is correct, in one run the wrong caps were included. That's one of the pitfalls of purchasing a kit. Having helped to assemble even a small, simple kit, it is very possible to get the wrong parts in. The fact remains, though, that they were replaced. The programming problems with some of the chips was handled with dispatch and the radio is super. It is VERY easy to have small glitches appear and the more parts that are involved, the greater the chance. If one expects perfection, building from a kit isn't the way to go. A recent case proved that. The Norcal 2N2-XX (x being frequency band) was designed, beta built and exhaustively tested. On one run of the unit, some of the newly purchased parts had the correct designation but caused the radio to drift like a log at sea. The designer tried to simulate the situation and couldn't so with the help of one of the people who had received a drifting kit, he determined that the toroids and a trimmer cap had been purchased from a different supplier and were different enough to cause it to drift. Once the correct parts were put in, it was rock stable. The radio had been built and tested many times but far from the control of the designer, the parts made the difference. Like I said, it is a great little radio....far more sensitive than any qrp radio I've ever used. It works like a champ.
All that said, I certainly can understand your concerns. One wants to build the radio and have it work or at least if it doesn't, find out that it was one's own mistake!! In this case, however, the support was readily available and a fix was made in very short order. 73 Steve

MAXXOUT2@... wrote:
>
> From what I read a chip was the wrong one or was not programmed right
> and had to be sent back.
> Then the part with the caps.
> Then one person said he had much less power on 1 band
> I started asking myself if I was going to be paying to be a beta
> tester for this new three band rig
> Wasn't this kit built,tested before it was sent out to others in kit form?
> Oh and there was several issues with the tuner.
> These guy know more then me so I looks like a kit I would have
> problems with although I did build the Red Hot rigs.
> BOB
> AF2Q
>
> In a message dated 12/16/2008 5:33:45 AM Pacific Standard Time,
> hsmiller@... writes:
>
> Sorry Bob...but you're obviously assuming that all of the problems

> were
> due to design or packaging. Many of the problems were builder errors
> which happen with any kit. Any problems with the microprocessor were
> easily and quickly fixed by Mr. Weber and, on at least my radio,
> volume
> has never been a problem...but then again, I have good ears. The
> radio
> is superb and a joy to use, and if one does have a problem, the
> support
> is excellent. It does have a built-in tuner...not automatic
> tuner. So
> far as a regular vfo, it doesn't get much easier to use than
> this. For
> my money, this is a super piece of equipment! Steve N0SM
>
>
>
>
>
> ---
> Make your life easier with all your friends, email, and favorite sites
> in one place. Try it now
> <http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000010>.
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.176 / Virus Database: 270.9.18/1851 - Release Date: 12/16/2008 8:53 AM
>
>

664. (no subject)

Yahoo group: pfr3_group
Date: 2008-12-16 16:05:22 UTC
From: jwsteven@concentric.net
Topic: 664 Message: 664

Hi Bob and All,

I have three links here you might enjoy concerning the PFR-3. The first is a good review of the rig by Dr. Bob Armstrong, N7XJ, for whom this radio was originally designed. The second is a video of Doug Hendricks on the development of the PFR-3 from the Williams Arizona QRP forums last summer. The third is Dr. Bob's presentation video on his experiences with the radio on a backpacking trip for field day. The two videos are from the Arizona ScQRPion forums. They are 45-60 minutes in length each. One is about 45MBytes and the other a little over 50 Mbytes.

The concept for the radio was taken from a presentation by Dr. Bob at the 2007 QRP forums and in full production before the 2008 forums. I hope you enjoy them.

http://arsqrp.pbwiki.com/Impressions+of+the+Hendricks+PFR3

http://www.azscqrpions.org/PFR3HistoryWeb.wmv

http://www.azscqrpions.org/PFR3FieldWeb.wmv

There are three other links from the Williams Forums that also may be of interest, but are not related to the PFR-3. This set of 5 videos constitute the entire program of the Williams Arizona QRP Forums for 2008. We will likely move to Ft. Tuthill near Flagstaff for the 2009 campout and forums if everything goes as planned. Oh. Yeah, this IS an invitation to join us on our tentative date of the first weekend in August 2009.

Now enjoy the vidos compliments of our most generous and interesting speakers and videographer, Mark K7MLC...

Circuit Design using a Circuit Simulator (Tom Keuhl AC7A)
http://www.azscqrpions.org/CircuitWeb.wmv

Design of the Clipperton DXpedition Vertical Dipole Antennas (Paul Playford W8AEF)
http://www.azscqrpions.org/ClippertonWeb.wmv

QRP Contesting (Dale Martin KG5U)
http://www.azscqrpions.org/ContestWeb.wmv

These links will be made available on our website as soon as I get time to do some fairly extensive revisions concerning FYBO 2008 & 2009, Williams, Paddles (new one) etc.

73 john k5js
Arizona ScQRPions
Feenix Arizona

---
mail2web LIVE ☐ Free email based on Microsoft® Exchange technology -
http://link.mail2web.com/LIVE

665. Re: Saturday dec 13, 1700Z to 2200Z, VA2SG/PM

Yahoo group: pfr3_group
Date: 2008-12-18 15:19:33 UTC
From: J.-P. Couture
Topic: 647 Message: 665

Hi PFR3ers,

If this can be of some interest, just wanted to let you know I operated the yellow box last saturday, outside, at 5 degrees F, yeah, pretty cold, and the radio did its job flawlessly.

Again, congrats to Doug and co, this thing is really a FB FB rig.

JP VA2SG/P

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...> wrote:
>
> If not too cold, I'll try my PFR3 with buddistick in pedestrain mobile
> config. I dont know if it will work. I'll be calling CQ PB (polar
> bears qrp club). I'll be qrv 14060, 10106 and 7040. If you hear me,
> call me!
>
> Pete VA2SG
>

666. Trail Antenna Experience

Yahoo group: pfr3_group
Date: 2008-12-19 18:14:59 UTC
From: bobohamer
Topic: 666 Message: 666

On the trail, what has been your experience with antennas? Any specific recommendations? Anyone using a Par End-Fedz?

667. Re: Trail Antenna Experience

Yahoo group: pfr3_group
Date: 2008-12-20 10:47:44 UTC
From: ea2ctb
Topic: 666 Message: 667

Hello.
To have some fun I take with me an electrical wire 1mm2 10 m length and
a magnetic balun 9:1.
With this simple system you cannot compete in a WW contest, but it is
very portable and I manage to get out in every band and make many QSOs.
73
Iñaki
EA2CTB

668. Re: [pfr3_group] Re: Trail Antenna Experience

Yahoo group: pfr3_group
Date: 2008-12-20 17:58:18 UTC
From: rltucker@aol.com
Topic: 666 Message: 668

In a message dated 12/20/08 4:47:59 AM, ecb01gxq@... writes:

> ...an electrical wire 1mm2 10 m length and a magnetic balun 9:1.
>

Please give more information about your antenna. How do you feed it? How is the 9:1 balun built?

Bob
K5TD

****
One site keeps you connected to all your email: AOL Mail,
Gmail, and Yahoo Mail. Try it now. (http://www.aol.com/?optin=new-dp&
icid=aolcom40vanity&ncid=emlcntaolcom00000025)

669. Re: Trail Antenna Experience

Yahoo group: pfr3_group
Date: 2008-12-21 11:48:19 UTC
From: alfredo.defrancisci
Topic: 666 Message: 669

Yes please, more information.

Thank you

fred

> Please give more information about your antenna. How do you feed it?
How is
> the 9:1 balun built?
>
> Bob
> K5TD
>
>

670. Merry Xmas and happy New Year to all

Yahoo group: pfr3_group
Date: 2008-12-22 16:07:05 UTC
From: Warnier jos
Topic: 670 Message: 670

Dear PFR friends (since this whole yellow box affaire started ,
made already some good friends here hi!)
A few months ago,started a new (much more difficult) project:
trying to make as original as possible :
the Whaddon MKVII "Paraset" WW2 Spy transceiver... but meanwhile a
bit wondering how such RX and TX would work (in fact , it's turning
the clock some +/- 65 yrs back)
so I made another "PFR transceiver" hi!
a "Paraset Fun Radio" for 80 meters only, with digital dial (as I
did not erased any info on it ;-))
pse note : this is not a replica or whatever,NO just a simple funny
Xtal-TX and a regen.RX

the schematic can be found on many Paraset-websites
for the 6V6, I used a EL84
for the reaction a EF89 instead of the 6SK7
for the audio a EF80 because having a lot of those old B&W
television IF tubes ....

I put some foto's :
http://www.flickr.com/photos/28834875@N02/

Best wishes for 2009 to all,
and hope to make 2x PFR contact's as possible
(will also be QRV during the "Winter Sports 2008")
jos
ON6WJ

671. Re: Trail Antenna Experience

Yahoo group: pfr3_group
Date: 2008-12-24 09:03:27 UTC
From: ea2ctb
Topic: 666 Message: 671

Hello friends,
No secret at all.
The coax output (BNC) of the rig goes to the coax input of the magnetic balun (usual PL connector). The wire (10 meters or more) from the balun to the nearest tree. You then tune with the BLT of the rig.
I get resonance easily (turning the knobs slowly and carefully ...) in every band.
The balun is a commercial WIMO- MTFT, but anything reducing the impedance of the long wire should work. This is a 9:1 ratio. I also tried a 4:1 and it worked but made tuning much more difficult or even imposible.

Perhaps adding a counterpoise (another long wire or a connection to a steel mass) to the steel plate of the balun might help increasing performance, although I did not try.
See this link for the balun: http://www.wimo.de/wireantennas_s.html and look under the paragraph: "MTFT Balun Magnético" (there are 2 models equivalent.

Again you do not compete in a WW, but in 2-3 sessions I already collected 20 entities all over Europe having in mind that 20m is dead these days. I even made some QRP-QRP QSOs
Good luck.
Iñaki

672. Re: Trail Antenna Experience

Yahoo group: pfr3_group
Date: 2008-12-24 09:10:48 UTC
From: ea2ctb
Topic: 666 Message: 672

... and a huge advantage is that it makes the system really portable.
The rig, the wire 10-20 meters (choose one of these covered with
silicone instead of PVC as they are more flexible and easy to pack), a
set of batteries 8xAA, the balun, the mini-paddle and the small
headphones .... get into a 30x30x6 cm box.
If I can help more, tell me.
73
Iñaki

673. Re: [pfr3_group] Re: Trail Antenna Experience

Yahoo group: pfr3_group
Date: 2008-12-24 22:49:07 UTC
From: rltucker@aol.com
Topic: 666 Message: 673

In a message dated 12/24/08 3:03:44 AM, ecb01gxq@... writes:

> The balun is a commercial WIMO- MTFT, but anything reducing the
> impedance of the long wire should work. This is a 9:1 ratio.
>

Thanks, om.

Bob
K5TD

****
One site keeps you connected to all your email: AOL Mail,
Gmail, and Yahoo Mail. Try it now. (http://www.aol.com/?optin=new-dp&
icid=aolcom40vanity&ncid=emlcntaolcom00000025)

674. Re: Trail Antenna Experience

Yahoo group: pfr3_group
Date: 2008-12-27 00:23:35 UTC
From: n3ham1
Topic: 666 Message: 674

<http://wa3wsj.homestead.com/BW.html> I have been using using
WA3WSJ's version of the Crappie fishing pole wire vertical antenna. It's
three band design matches the rig. I've used it on the trail and on
weekend trips where it sometimes is used on a second floor balcony. It;s
a nice performer on high ground and near the water. It's easy to make .
Jerry
--- In pfr3_group@yahoogroups.com, "bobohamer" <abeckett@...> wrote:
>
> On the trail, what has been your experience with antennas? Any
> specific recommendations? Anyone using a Par End-Fedz?
>

675. Re: PFR3 ATMEGA48 Chip Update

Yahoo group: pfr3_group
Date: 2008-12-31 22:25:04 UTC
From: k2qpn
Topic: 648 Message: 675

I sent my chip this Saturday - regular mail. I got it back today
(Wednesday). Color me happy.

73 Bob K2QPN
--- In pfr3_group@yahoogroups.com, "donaldjmcbride" <McBride_D@...> wrote:
>
> Wondering aloud here about the current time frame for ATMEGA48 chip
> re-programming. I understand we are to mail the 28-pin DIP back to
> Steve Weber and not to Doug Hendricks.
>
> Early in the summer, I built our favorite PFR-3 "Yellow Wonder" and
> have been using the daylights out of it ever since. I need to get the
> chip re-programmed, as I have one of the early issue kits without the
> "red dot" on the chip.
>
> Trying to do without use of this wonder rig for the least amount of
> time possible, I have been procrastinating the inevitable downtime in
> order to send the chip to Steve for re-programming. How long has this
> process been taking?
>
> I really like what Steve has designed. Doug kindly sent me the four
> additional black thumbscrews to facilitate battery replacement and the
> rig is near-perfect in my eyes. It creates a stir wherever I take it
> (and being one of those dummies who lives in an antenna restricted
> community, portable operation IS my hamming outlet).
>
> Any feedback would be appreciated.
> Thanks for the bandwidth.
>
> .. 72/73,
> ... Don WA3ZBJ/4
>

676. BSI (battery status indicator) Mod to PFR3

Yahoo group: pfr3_group
Date: 2009-01-01 05:38:35 UTC
From: Mecsr
Topic: 676 Message: 676

I built the BSI, calibrated it and installed it in the PFRe. all tests so far indicate everything is OK!!
I did have to,(literally) take the Unit apart in order to get the BSI installed,was a lesson in staying calm and thinking things out. I have batteries installed and am running unit now on batteries to make sure that the status indicators are still working ok.

Mecsr MikeSr AB7OC

SKCC #60

NAQCC 2551

SPAR

677. Re: BSI (battery status indicator) Mod to PFR3

Yahoo group: pfr3_group
Date: 2009-01-02 00:38:38 UTC
From: Ken LoCasale
Topic: 676 Message: 677

Didn't the installation instructions say you had to take it apart?

--- In pfr3_group@yahoogroups.com, "Mecsr" <mecsr@...> wrote:
>
> I built the BSI, calibrated it and installed it in the PFRe. all tests
> so far indicate everything is OK!!
> I did have to,(literally) take the Unit apart in order to get the BSI
> installed,was a lesson in staying calm and thinking things out. I have
> batteries installed and am running unit now on batteries to make sure
> that the status indicators are still working ok.
>
> Mecsr MikeSr AB7OC
>
> SKCC #60
>
> NAQCC 2551
>
> SPAR
>

678. RE: [pfr3_group] Re: BSI (battery status indicator) Mod to PFR3

Yahoo group: pfr3_group
Date: 2009-01-02 02:28:56 UTC
From: Paul Feltz
Topic: 676 Message: 678

To All:
I think the battery indicator is a wonderful tool. However, I am red and green color blind and thus it is not much help. I think I have found a method that is just as effective for me. I use a small MFJ-904H "Travel Tuner" with Cross-Meter. (I don't back pack) When the voltage drops off so also does the power and this is seen as a loss on the forward power meter. Today I had the pleasure to "throw" a wire over a tree, lay out a counter-poise and fire up the little yellow box. The best part was watching my 8 years old grand son as things were connected, wires attached and CW came out of the Radio Shack amplified speaker I was using. That was the greatest thrill.

I tuned the MFJ for maximum noise in, or signal, then slowed the CW down to 5 WPM. Then by pressing the dash paddle I could quickly tune the MFJ.

Paul WA0VDM

To: pfr3_group@yahoogroups.comFrom: hauntedmesa@gmail.comDate: Fri, 2 Jan 2009 00:38:38 +0000Subject: [pfr3_group] Re: BSI (battery status indicator) Mod to PFR3

Didn't the installation instructions say you had to take it apart?--- In pfr3_group@yahoogroups.com, "Mecsr" <mecsr@...> wrote:>> I built the BSI, calibrated it and installed it in the PFRe. all tests> so far indicate everything is OK!!> I did have to,(literally) take the Unit apart in order to get the BSI> installed,was a lesson in staying calm and thinking things out. I have> batteries installed and am running unit now on batteries to make sure> that the status indicators are still working ok.> > Mecsr MikeSr AB7OC> > SKCC #60> > NAQCC 2551> > SPAR>

_____
Send e-mail faster without improving your typing skills.
http://windowslive.com/online/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008

679. Re: BSI (battery status indicator) Mod to PFR3

Yahoo group: pfr3_group
Date: 2009-01-02 12:25:52 UTC
From: Michael E. Califf,Sr.
Topic: 676 Message: 679

Yes it did say I had to take it apart, was just commenting on the fact.

Mecsr AB7OC

680. battery status indicator

Yahoo group: pfr3_group
Date: 2009-01-02 22:11:41 UTC
From: merlinrail
Topic: 680 Message: 680

Hi gang
can somebody tell me where the information is about the battery staus indicator circuit etc .
I cant seem to find it
cheers all
and a happy new year
Roy
GM4VKI

681. Re:battery status indicator

Yahoo group: pfr3_group
Date: 2009-01-04 00:27:02 UTC
From: Michael E. Califf,Sr.
Topic: 680 Message: 681

Info is at www.qrpkits.com

Mecsr AB7OC

682. I have not thin solder!

Yahoo group: pfr3_group
Date: 2009-01-11 11:02:19 UTC
From: ja6um05
Topic: 682 Message: 682

It bought the Digital Dial_kit from QRPKITS.
The construction needs minute solder.
"Some very thin (.020□h) solder is
supplied with the kit for use with the SMT
parts" in Manual.
It wasn't included in the kit.
Where can Japan buy from?

Toshio de JA6UM

683. Re: I have not thin solder!

Yahoo group: pfr3_group
Date: 2009-01-11 16:00:07 UTC
From: Ken LoCasale
Topic: 682 Message: 683

.4mm to .5mm diameter solder will work fine

--- In pfr3_group@yahoogroups.com, "ja6um05" <ja6um05@...> wrote:
>
> It bought the Digital Dial_kit from QRPKITS.
> The construction needs minute solder.
> "Some very thin (.020□h) solder is
> supplied with the kit for use with the SMT
> parts" in Manual.
> It wasn't included in the kit.
> Where can Japan buy from?
>
> Toshio de JA6UM
>

685. PFR3 videos

Yahoo group: pfr3_group
Date: 2009-01-12 14:55:14 UTC
From: J.-P. Couture
Topic: 685 Message: 685

HI,

Here some links to couple of videos I made starring the PFR3:

http://ca.youtube.com/watch?v=0hCmN_vligs

http://ca.youtube.com/watch?v=BdyA5yr9tto

http://ca.youtube.com/watch?v=qXRivENuyJ0

72 de JP VA2SG

686. Re: [pfr3_group] Some PFR3 videos

Yahoo group: pfr3_group
Date: 2009-01-12 19:13:12 UTC
From: Roland Whitsitt
Topic: 686 Message: 686

Excellent! Got a cup and enjoyed the show.
n5vwn Roland
On Jan 12, 2009, at 6:53 AM, J.-P. Couture wrote:

> A link to some of my PFR3 videos: http://ca.youtube.com/watch?
> v=0hCmN_vligs
>
> http://ca.youtube.com/watch?v=BdyA5yr9tto
>
> http://ca.youtube.com/watch?v=qXRivENuyJ0
>
> 72 de JP VA2SG
>
>
>

687. Re: I have not thin solder!

Yahoo group: pfr3_group
Date: 2009-01-13 13:09:12 UTC
From: ja6um05
Topic: 682 Message: 687

HELLO OM

It attempts to search here.

Thank you.

--- In pfr3_group@yahoogroups.com, "Ken LoCasale" <hauntedmesa@...>
wrote:
>
> .4mm to .5mm diameter solder will work fine
>
Regards,
Toshio de JA6UM

688. I ve done UN7QX with my pfr3 ! ... and Antartica !

Yahoo group: pfr3_group
Date: 2009-01-13 22:21:48 UTC
From: pablo kiryluk
Topic: 688 Message: 688
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

689. RE: [pfr3_group] I ve done UN7QX with my pfr3 ! ... and Antartica !

Yahoo group: pfr3_group
Date: 2009-01-13 23:09:13 UTC
From: Paul Feltz
Topic: 688 Message: 689

Good job, Mike!!!

Paul

WA0VDM

To: pfr3_group@yahoogroups.comFrom: lu4dqq@...: Tue, 13 Jan 2009 19:21:48 -0300Subject: [pfr3_group] I ve done UN7QX with my pfr3 ! ... and Antartica !

KAZAKHSTAN ! from Buenos Aires, Argentina. With my humble G5RV caressing the water tank of my home. I cant believe it!

Ive also done Antartica! this guy Mike on the British Research Vessel, GM0HCQ/MM or something like that...

This pfr3 rocks!

And I havent done yet the final calibrating of the coils...

Forgive me guys but as a novice and my first kit building I have to share this...

Pablo Kiryluk
Argentina

_____
Windows Live™: Keep your life in sync.
http://windowslive.com/explore?ocid=TXT_TAGLM_WL_t1_allup_explore_012009

690. Re: [pfr3_group] I ve done UN7QX with my pfr3 ! ... and Antartica !

Yahoo group: pfr3_group
Date: 2009-01-14 00:11:25 UTC
From: Roland Whitsitt
Topic: 688 Message: 690

Great report Pablo! Keep us informed.
73's n5vwn Roland in Californy

On Jan 13, 2009, at 2:21 PM, pablo kiryluk wrote:

>
> KAZAKHSTAN ! from Buenos Aires, Argentina. With my humble G5RV
> caressing the water tank of my home. I cant believe it!
>
> Ive also done Antartica! this guy Mike on the British Research
> Vessel, GM0HCQ/MM or something like that...
>
> This pfr3 rocks!
>
> And I havent done yet the final calibrating of the coils...
>
> Forgive me guys but as a novice and my first kit building I have to
> share this...
>
> Pablo Kiryluk
> Argentina
>
> __._

691. Re: [pfr3_group] I ve done UN7QX with my pfr3 ! ... and Antartica !

Yahoo group: pfr3_group
Date: 2009-01-14 01:02:01 UTC
From: rltucker@aol.com
Topic: 688 Message: 691

In a message dated 1/13/09 4:22:16 PM, lu4dqq@... writes:

> And I havent done yet the final calibrating of the coils...
>

What do you mean, "final calibrating of the coils"?

I have just finished building a PFR3 and don't remember anything about
"calibrating" coils. Please explain.

Thanks.

Bob
K5TD

****
A Good Credit Score is 700 or Above. See yours in just 2
easy steps!
(http://pr.atwola.com/promoclk/100000075x1215855013x1201028747/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072%26hmpgID=62%26bcd=DecemailfooterNO62)

692. Re: [pfr3_group] I ve done UN7QX with my pfr3 ! ... and Antartica !

Yahoo group: pfr3_group
Date: 2009-01-14 01:12:56 UTC
From: MAXXOUT2@AOL.COM
Topic: 688 Message: 692

Yes,
I'm thinking of geting a kit next month so I like to know more about that
also
BOB
AF2Q

In a message dated 1/13/2009 5:02:31 PM Pacific Standard Time,
rltucker@... writes:

What do you mean, "final calibrating of the coils"?

I have just finished building a PFR3 and don't remember anything about
"calibrating" coils. Please explain.

Thanks.

Bob
K5TD

**********A Good Credit Score is 700 or Above. See yours in just 2 easy
steps!
(http://pr.atwola.com/promoclk/100000075x1215855013x1201028747/aol?redir=http://www.freecr
editreport.com/pm/default.aspx?sc=668072%26hmpgID=62%26bcd=De
cemailfooterNO62)

693. Re: [pfr3_group] I ve done UN7QX with my pfr3 ! ... and Antartica !

Yahoo group: pfr3_group
Date: 2009-01-14 10:51:35 UTC
From: pablo kiryluk
Topic: 688 Message: 693
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

694. Re: PFR3 ATMEGA48 Chip Update

Yahoo group: pfr3_group
Date: 2009-01-16 01:32:41 UTC
From: donaldjmcbride
Topic: 648 Message: 694

With the encouragement found from members of this group, I sent my
chip in on Friday and it is back already! That's less that a week
including postal time. Color me happy too!

The built-in tuner is so much easier to use now with the "Tune"
function operational and the memory keyer is now 100% -- or as close
as it is going to get with this operator. <grin>
Thank you, Steve!
... Don WA3ZBJ

--- In pfr3_group@yahoogroups.com, "k2qpn" <K2QPN@...> wrote:
>
> I sent my chip this Saturday - regular mail. I got it back today
> (Wednesday). Color me happy.
> 73 Bob K2QPN

> --- In pfr3_group@yahoogroups.com, "donaldjmcbride" <McBride_D@> wrote:
>> Wondering aloud here about the current time frame for ATMEGA48 chip
>> re-programming. I understand we are to mail the 28-pin DIP back to
>> Steve Weber and not to Doug Hendricks.
>>
>> Early in the summer, I built our favorite PFR-3 "Yellow Wonder" and
>> have been using the daylights out of it ever since. I need to get the
>> chip re-programmed, as I have one of the early issue kits without the
>> "red dot" on the chip.
>>
>> Trying to do without use of this wonder rig for the least amount of
>> time possible, I have been procrastinating the inevitable downtime in
>> order to send the chip to Steve for re-programming. How long has this
>> process been taking?
>>

>> .. 72/73,
>> ... Don WA3ZBJ/4

695. Re: [pfr3_group] Re: PFR3 ATMEGA48 Chip Update

Yahoo group: pfr3_group
Date: 2009-01-16 01:41:08 UTC
From: MAXXOUT2@AOL.COM
Topic: 648 Message: 695

I sent an SW rig to Steve for repair and it was held up in NJ due to weather in Steve's area so you did get it fast.
When I get my next Bonus from the Warden next month i'm going to order the kit.
BOB
AF2Q

In a message dated 1/15/2009 5:34:33 PM Pacific Standard Time, McBride_D@... writes:

With the encouragement found from members of this group, I sent my chip in on Friday and it is back already! That's less that a week including postal time. Color me happy too!

The built-in tuner is so much easier to use now with the "Tune" function operational and the memory keyer is now 100% -- or as close as it is going to get with this operator. <grin>
Thank you, Steve!
... Don WA3ZBJ

**********A Good Credit Score is 700 or Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100000075x1215855013x1201028747/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072%26hmpgID=62%26bcd=DecemailfooterNO62)

696. BLT Antenna Tuner Problems

Yahoo group: pfr3_group
Date: 2009-01-19 18:05:46 UTC
From: Bill Rodgers
Topic: 696 Message: 696

I found a surprise with the PC board used. I bought mine in Dayton in 2008. Evidently one (or all) of the holes are not plated through. I soldered the BLT toroid to the top of the board (because it was easier). Unfortunately, one of the connections did not make it to the bottom of the board where the traces are. I then cleaned off some insulation from the windings and carefully soldered under the coil.

An easy check to see if this is a problem is to check for a short circuit between the terminals of the balance ant connector. There should be a short for Hi-Z and Lo-Z BLT settings. I found that my Lo-Z showed an open circuit. The toroaid primary is easy to check on the correct leads on the BLT tuning cap. Good luck, 73 Bill K3HZP

697. PFR3 operating at -12 F (-25 C) and an idea for next summer

Yahoo group: pfr3_group
Date: 2009-01-19 23:03:16 UTC
From: J.-P. Couture
Topic: 697 Message: 697

Hi PFR3ers,

Your yellow box will work even in very cold temperatures. Watch this:
http://www.youtube.com/watch?v=0TJKAjuXC3c

Now, somebody mentionned this idea couple months ago, and I am launching the subject again. What about a sort of PFR3 gathering on the air. I mean, kind of a PFR3 qso party but this wouldnt be a contest, only a meeting of PFR3 on the air? This could be a great experience. Something long enough to have the slightest chance to contact our friends in Europe.

Could be fun to do this like next summer. What do you think?

72 de JP VA2SG

698. Low Audio Output on the PFR3

Yahoo group: pfr3_group
Date: 2009-01-20 01:58:30 UTC
From: w5jhjerry
Topic: 698 Message: 698

I just started using PFR3 and I find the audio output to be low. In discussions with Dr Bob Armstrong, he confirms the problem with his PFR3. Has anyone made any mods to increase the audio output? I have 5 sets of earphones. Two of these sit on the ears and are most confortable. One is an off brand that has 102db sensitivity and the other pair is a nice pair of Koss headphones with a sensitiivity of 106db. The Koss phones are ok but still not enough volume for out of doors operation. I also have 2 forward firing in-the-ear type with a small headband. One is folding type from Radio Shack. I don't remember the sensitivity but they have the best volume. The second pair of forward firing type are Sony brand and they are so-so. I have not tried my most sensitive type (the "Plug" by Koss) because they are very uncomfortable to me. They just stretch my ears way too much. So, I am left wondering what I should do. Does anyone know what headphones Steve designed this radio for? It appears the PFR3 needs 110 to 112db sensitivity minimum to get reasonable audio. I may look into designing a small headphone amp to cure the problem but that will defeat the purpose of the radio. Everything was to be builtin. I don't really want anymore "dongles" hanging off the radio.

Jerry W5JH

699. Re: Low Audio Output on the PFR3

Yahoo group: pfr3_group
Date: 2009-01-20 02:59:01 UTC
From: Jim Fraser
Topic: 698 Message: 699

Check out this thread:
http://groups.yahoo.com/group/pfr3_group/message/602

Jim K6JF

700. RE: [pfr3_group] Low Audio Output on the PFR3

Yahoo group: pfr3_group
Date: 2009-01-20 04:05:59 UTC
From: Paul Feltz
Topic: 698 Message: 700

Jerry:
I had the same problem you speak of. Worse, I am hard of hearing. I made the mod discussed by Dieter OE6WTB on October 29, 2008 with an attachment showing the mod. He put a 10 uF 16V cap at U4, the LM386. (+) to 1 and (-) to 8. This really works! My cap measured 14 uF and it worked fine. However it is a bit fat for the batteries, so I am looking for a smaller one at the same value. Mine was rated at 100V instead of 16 V that Dieter used, so bigger.

Also, Radio Shack has an amplified speaker and it works well. Also, I just got a amplified speaker made for an iPod and this works well. In the shack I have a head sets that have a bit of amplification and these too help.

Good Luck! 73
Paul
WA0VDM

To: pfr3_group@yahoogroups.comFrom: jerry@...: Tue, 20 Jan 2009 01:58:30 +0000Subject: [pfr3_group] Low Audio Output on the PFR3

I just started using PFR3 and I find the audio output to be low. In discussions with Dr Bob Armstrong, he confirms the problem with his PFR3. Has anyone made any mods to increase the audio output? I have 5 sets of earphones. Two of these sit on the ears and are most confortable. One is an off brand that has 102db sensitivity and the other pair is a nice pair of Koss headphones with a sensitiivity of 106db. The Koss phones are ok but still not enough volume for out of doors operation. I also have 2 forward firing in-the-ear type with a small headband. One is folding type from Radio Shack. I don't remember the sensitivity but they have the best volume. The second pair of forward firing type are Sony brand and they are so-so. I have not tried my most sensitive type (the "Plug" by Koss) because they are very uncomfortable to me. They just stretch my ears way too much. So, I am left wondering what I should do. Does anyone know what headphones Steve designed this radio for? It appears the PFR3 needs 110 to 112db sensitivity minimum to get reasonable audio. I may look into designing a small headphone amp to cure the problem but that will defeat the purpose of the radio. Everything was to be builtin. I don't really want anymore "dongles" hanging off the radio.Jerry W5JH

_____
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http://windowslive.com/howitworks?ocid=TXT_TAGLM_WL_t1_allup_howitworks_012009

701. Re: [pfr3_group] Low Audio Output on the PFR3

Yahoo group: pfr3_group
Date: 2009-01-20 06:23:56 UTC
From: Jerry Haigwood
Topic: 698 Message: 701

Hello Paul,
I first tried the 10uf/1200ohm combination mentioned on this list. However, the gain was not enough. So, I have tried the 10uf cap, the same as you. It now has plenty of audio. The only problem now is that the sidetone needs to be tamed down a bit. In looking at the schematic, it appears R14 could be increased or C27 decreased or maybe both. Another fix might be a resistor from the junction of C27 and R14 to ground. I will play around with it a bit tomorrow to find a good combination to lower the sidetone. Anyone have a fix for the increased sidetone? Maybe it has already been discussed?
Jerry W5JH

----- Original Message -----
From: Paul Feltz
To: pfr3_group@yahoogroups.com
Sent: Monday, January 19, 2009 9:05 PM
Subject: RE: [pfr3_group] Low Audio Output on the PFR3

Jerry:
I had the same problem you speak of. Worse, I am hard of hearing. I made the mod discussed by Dieter OE6WTB on October 29, 2008 with an attachment showing the mod. He put a 10 uF 16V cap at U4, the LM386. (+) to 1 and (-) to 8. This really works! My cap measured 14 uF and it worked fine. However it is a bit fat for the batteries, so I am looking for a smaller one at the same value. Mine was rated at 100V instead of 16 V that Dieter used, so bigger.

Also, Radio Shack has an amplified speaker and it works well. Also, I just got a amplified speaker made for an iPod and this works well. In the shack I have a head sets that have a bit of amplification and these too help.

Good Luck! 73
Paul
WA0VDM

To: pfr3_group@yahoogroups.com
From: jerry@...
Date: Tue, 20 Jan 2009 01:58:30 +0000
Subject: [pfr3_group] Low Audio Output on the PFR3

I just started using PFR3 and I find the audio output to be low. In discussions with Dr Bob Armstrong, he confirms the problem with his PFR3. Has anyone made any mods to increase the audio output? I have 5 sets of earphones. Two of these sit on the ears and are most confortable. One is an off brand that has 102db sensitivity and the other pair is a nice pair of Koss headphones with a sensitiivity of 106db. The Koss phones are ok but still not enough volume for out of doors operation. I also have 2 forward firing in-the-ear type with a small headband. One is folding type from Radio Shack. I don't

remember the sensitivity but they have the best volume. The second pair of forward firing type are Sony brand and they are so-so. I have not tried my most sensitive type (the "Plug" by Koss) because they are very uncomfortable to me. They just stretch my ears way too much. So, I am left wondering what I should do. Does anyone know what headphones Steve designed this radio for? It appears the PFR3 needs 110 to 112db sensitivity minimum to get reasonable audio. I may look into designing a small headphone amp to cure the problem but that will defeat the purpose of the radio. Everything was to be builtin. I don't really want anymore "dongles" hanging off the radio.

Jerry W5JH

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702. Re: [pfr3_group] PFR3 operating at -12 F (-25 C) and an idea for next summer

Yahoo group: pfr3_group
Date: 2009-01-20 11:05:42 UTC
From: pablo kiryluk
Topic: 697 Message: 702

EXCUSE ME ! :-)

And what about South America?

pdk
Argentina

2009/1/19, J.-P. Couture <jpcouture68@...>:
>
> Hi PFR3ers,
>
> Your yellow box will work even in very cold temperatures. Watch this:
> http://www.youtube.com/watch?v=0TJKAjuXC3c
>
> Now, somebody mentionned this idea couple months ago, and I am
> launching the subject again. What about a sort of PFR3 gathering on
> the air. I mean, kind of a PFR3 qso party but this wouldnt be a
> contest, only a meeting of PFR3 on the air? This could be a great
> experience. Something long enough to have the slightest chance to
> contact our friends in Europe.
>
> Could be fun to do this like next summer. What do you think?
>
> 72 de JP VA2SG
>
>
>

704. Re: PFR3 operating at -12 F (-25 C) and an idea for next summer

Yahoo group: pfr3_group
Date: 2009-01-20 15:21:37 UTC
From: J.-P. Couture
Topic: 697 Message: 704

Im am sorry Pablo :-)))) ¡perdón!

Of course also SA. in fact, anywhere there is a PFR3.

72 de JP VA2SG

--- In pfr3_group@yahoogroups.com, pablo kiryluk <lu4dqq@...> wrote:
>
> EXCUSE ME ! :-)
>
> And what about South America?
>
> pdk
> Argentina
>
>
> 2009/1/19, J.-P. Couture <jpcouture68@...>:
> >
> > Hi PFR3ers,
> >
> > Your yellow box will work even in very cold temperatures. Watch
this:
> > http://www.youtube.com/watch?v=0TJKAjuXC3c
> >
> > Now, somebody mentionned this idea couple months ago, and I am
> > launching the subject again. What about a sort of PFR3 gathering
on
> > the air. I mean, kind of a PFR3 qso party but this wouldnt be a
> > contest, only a meeting of PFR3 on the air? This could be a great
> > experience. Something long enough to have the slightest chance to
> > contact our friends in Europe.
> >
> > Could be fun to do this like next summer. What do you think?
> >
> > 72 de JP VA2SG
> >
> >
> >
>

705. Re: [pfr3_group] Low Audio Output on the PFR3

Yahoo group: pfr3_group
Date: 2009-01-20 15:50:57 UTC
From: Steven Weber
Topic: 698 Message: 705

10 ufd is a bit of overkill for increasing the audio, a 1 ufd or even 0.1 ufd is likely enough. However, a better, but a little harder to do as you need to take the board out of the box, is to increase the value of R6 and R9 from 330K to 470K to give the 1st audio stage more gain. Doing it that way will keep the sidetone level the same and keep strong signals from be way too loud.

Steve KD1JV

706. Re: [pfr3_group] Low Audio Output on the PFR3

Yahoo group: pfr3_group
Date: 2009-01-20 18:59:51 UTC
From: Jerry Haigwood
Topic: 698 Message: 706

Steve,
R9 is currently a 7.5K ohm. Perhaps you meant R6 and R7?
Jerry W5JH

----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 20, 2009 8:50 AM
Subject: Re: [pfr3_group] Low Audio Output on the PFR3

10 ufd is a bit of overkill for increasing the audio, a 1 ufd or even 0.1 ufd is likely enough. However, a better, but a little harder to do as you need to take the board out of the box, is to increase the value of R6 and R9 from 330K to 470K to give the 1st audio stage more gain. Doing it that way will keep the sidetone level the same and keep strong signals from be way too loud.

Steve KD1JV

707. Dual Bander Parts List

Yahoo group: pfr3_group
Date: 2009-01-20 19:12:22 UTC
From: ki6ds@dospalos.org
Topic: 698 Message: 707

Steve how are you coming with the Dual Bander Parts List?? Thanks, Doug

708. Re: [pfr3_group] Low Audio Output on the PFR3

Yahoo group: pfr3_group
Date: 2009-01-20 22:14:43 UTC
From: Steven Weber
Topic: 698 Message: 708

Yes, I ment 6 and 7.
R9 is currently a 7.5K ohm. Perhaps you meant R6 and R7?
Jerry W5JH

709. Re: [pfr3_group] Low Audio Output on the PFR3

Yahoo group: pfr3_group
Date: 2009-01-20 22:37:08 UTC
From: Jerry Haigwood
Topic: 698 Message: 709

Steve,
To keep from removing the board from the case and to keep from desoldering the two resistors suggested, I make a different mod. I added a 1uF/50v electrolytic from pin 1 (+) to pin 8 of the LM386. That mod gives plenty of gain. I also added a 470K ohm resistor from the junction of C27 and R14 to ground to tame the sidetone. I have uploaded a picture in the photo section to show the mods.
Jerry W5JH

----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 20, 2009 3:14 PM
Subject: Re: [pfr3_group] Low Audio Output on the PFR3

Yes, I ment 6 and 7.
R9 is currently a 7.5K ohm. Perhaps you meant R6 and R7?
Jerry W5JH

710. Other bands?

Yahoo group: pfr3_group
Date: 2009-01-20 23:16:37 UTC
From: Roland Whitsitt
Topic: 710 Message: 710

Has anybody heard of any mods or future upgrades to add other bands? I like this package but am also considering the ATS3b rig for the added bands. Yet I like this package better. I
also like working with the larger parts.
de n5vwn in Californy

711. Re: Other bands?

Yahoo group: pfr3_group
Date: 2009-01-21 00:42:48 UTC
From: Steven
Topic: 710 Message: 711

I emailed Doug asking the same question. He said that the PFR-3 will never be a PFR-4,5,6 etc. He went on to say that he is considering a PFR-3 in a few years that will cover the higher frequency bands. Hope this answers your question.

Steve W6EOD

--- In pfr3_group@yahoogroups.com, "Roland Whitsitt" <n5vwn@...> wrote:
>
> Has anybody heard of any mods or future upgrades to add other bands? I like this package
> but am also considering the ATS3b rig for the added bands. Yet I like this package better. I
> also like working with the larger parts.
> de n5vwn in Californy
>

712. Not yet

Yahoo group: pfr3_group
Date: 2009-01-21 02:28:19 UTC
From: Henry Schneider
Topic: 712 Message: 712

NO !!!! Not yet !!!!! Wait a while longer !!!!! Some of us procrastinators haven't built the rig yet !!!!!

Henry W5HNS

JP VA2SG wrote

Now, somebody mentionned this idea couple months ago, and I am
> > launching the subject again. What about a sort of PFR3 gathering
on
> > the air. I mean, kind of a PFR3 qso party but this wouldnt be a
> > contest, only a meeting of PFR3 on the air? This could be a great
> > experience. Something long enough to have the slightest chance to
> > contact our friends in Europe.
> >
> > Could be fun to do this like next summer. What do you think?
> >
> > 72 de

713. T3

Yahoo group: pfr3_group
Date: 2009-01-21 04:35:33 UTC
From: Dewey (Aden) Carver
Topic: 713 Message: 713

Hi just wondering is there a difference between the red side and the black side of the torrid? The reason I ask is because I was always taught to hold the colored side toward you and holding the torrid so that the wire is fed into torrid at approx the 5:00 position and wind counterwise as many turns as you need to. IS THAT NOT CORRECT? I saw a picture in this group where the the person was holding the torrid with the black side, toward the winder, and being started at the 12:00 position. IS THERE A DIFFERENCE?
KINDA STUCK HELP!!!!!

714. Re: [pfr3_group] T3

Yahoo group: pfr3_group
Date: 2009-01-21 04:53:55 UTC
From: Roland Whitsitt
Topic: 713 Message: 714

It didn't matter when I built the k2. The main thing is how many
times the wire is going through the middle on the wrap. It is
important to wind in the same direction when making a transformer!
(Meaning, when you use two or more different wires through a toroid.
Spacing of the windings can make a difference too. Usually keep it
evenly spaced unless otherwise directed.
But I'm no expert, and I haven't built this kit yet.
Roland n5vwn

On Jan 20, 2009, at 8:35 PM, Dewey (Aden) Carver wrote:

> Hi just wondering is there a difference between the red side and the
> black side of the torrid? The reason I ask is because I was always
> taught to hold the colored side toward you and holding the torrid so
> that the wire is fed into torrid at approx the 5:00 position and wind
> counterwise as many turns as you need to. IS THAT NOT CORRECT? I saw
> a picture in this group where the the person was holding the torrid
> with
> the black side, toward the winder, and being started at the 12:00
> position. IS THERE A DIFFERENCE?
> KINDA STUCK HELP!!!!!
>
>
>

715. TORRID WIRE .030

Yahoo group: pfr3_group
Date: 2009-01-21 05:34:38 UTC
From: Dewey (Aden) Carver
Topic: 715 Message: 715

Hi again, say can anyone tell me where i can get some magnet wire that is .030 in thick in different colors. I can't seem to find any, anywhere. gauge is not the same as #24 enameled wire.
Thanks again Dewey

716. Re: TORRID WIRE .030

Yahoo group: pfr3_group
Date: 2009-01-21 22:12:58 UTC
From: Bruce Beford
Topic: 715 Message: 716

--- In pfr3_group@yahoogroups.com, "Dewey (Aden) Carver" <aden58@...>
wrote:
>
> Hi again, say can anyone tell me where i can get some magnet wire
that
> is .030 in thick in different colors. I can't seem to find any,
> anywhere. gauge is not the same as #24 enameled wire.
> Thanks again Dewey
>

Hi Dewey.

I can't give you a specific source, but the diameter you are asking about (.030) is just below the AWG standard 20 Gauge wire (0.032" diameter.) By the way, #24 wire is spec'ed at .0201" diameter) I don't know what your application is, but for toroids (note spelling) the 20 guage is closest to what you are asking about.

Good luck,
Bruce N1RX

717. Re: PFR3 videos

Yahoo group: pfr3_group
Date: 2009-01-21 22:31:02 UTC
From: Steven
Topic: 685 Message: 717

Great videos. Keep up the good work!

Steve W6EOD

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...>
wrote:
>
> HI,
>
> Here some links to couple of videos I made starring the PFR3:
>
> http://ca.youtube.com/watch?v=0hCmN_vligs
>
> http://ca.youtube.com/watch?v=BdyA5yr9tto
>
> http://ca.youtube.com/watch?v=qXRivENuyJ0
>
> 72 de JP VA2SG
>

718. New PFR-3

Yahoo group: pfr3_group
Date: 2009-01-23 01:55:28 UTC
From: vk2nu
Topic: 718 Message: 718

Hi All,

I'm new to the group and just ordered my PFR-3 Kit!

Just a quick question regarding possible mods to the kit.. Is there anything worth doing as I build the kit. I note there is an audio output mod, and wonder whether this is worth doing at the time,or should I just wait and see after it's built!! Also wonder whether there are any others worth doing..

I also noted from old posts that there may be a 'thumscrew replacement kit' for the case screws, for rapid battery removal. Is this still available??

It's been a while since I've build anything and looking forward too it. I have built a couple of K2's and a KX1, so imagine this shouldn't be too challenging!!

Last question, I send code with the dot and dash reversed (I'm not left handed, it's just the way I tought myself). Looking at the documention for the paddle I think I can simply rewire it?? Is this the case??

Regards All

David, VK2NU

719. PFR3 - Winding T3 Instructions

Yahoo group: pfr3_group
Date: 2009-01-26 05:44:27 UTC
From: kb2rte
Topic: 719 Message: 719

Hello to all,

I am in the process of assembling the PFR3 and this is my first experience winding coils. I am having a terrible time understanding the instructions for T3. I was wondering if someone could offer more clarified instructions on how to get this accomplished. Pictures would probably help too!

Thanks to all in advance,
Richard Dale Fennell Jr -- N2IU

720. Re: [pfr3_group] PFR3 - Winding T3 Instructions

Yahoo group: pfr3_group
Date: 2009-01-26 07:05:38 UTC
From: bob bailey
Topic: 719 Message: 720

actually the instructions are vey clear and the picture showing each winding in a different color is the best way to show it.

the only one mistake I know of is where the instructions say to cut a 2 " wire for the center tap connection and says it is turn 8, well that is incorrect and should say turn 6, which is actually the center tap of the first winding.
if you wind it exactly as shown in the picture, it will be correct.
bob
WB7DMX

From: kb2rte
Sent: Monday, January 26, 2009 12:44 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3 - Winding T3 Instructions

Hello to all,

I am in the process of assembling the PFR3 and this is my first
experience winding coils. I am having a terrible time understanding
the instructions for T3. I was wondering if someone could offer more
clarified instructions on how to get this accomplished. Pictures would
probably help too!

Thanks to all in advance,
Richard Dale Fennell Jr -- N2IU

721. Re: [pfr3_group] Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-01-12 13:46:08 UTC
From: Marc G0AZS
Topic: 520 Message: 721
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

722. Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-01-27 12:51:59 UTC
From: Warnier jos
Topic: 520 Message: 722

Hello Marc
no thumbscrews arrived here in Belgium

greetings to all
Jos
ON6WJ

--- In pfr3_group@yahoogroups.com, "Marc G0AZS" <marc.g0azs@...>
wrote:
>
> Nothing heard so far. Has anyone else in Europe received their
thumbscrews
> yet? (or heard when they might be available)
>
> 73 Marc
>
> 2008/12/12 g0azs <marc.g0azs@...>
>
> > Hi Doug
> >
> > Any update on the thumbscrews for us Europeans who are eagerly
> > awaiting them?
> >
> > Thanks and 73 Marc G0AZS
> >
> >
> > --- In pfr3_group@yahoogroups.com <pfr3_group%
40yahoogroups.com>, ki6ds@
> > wrote:
> > >
> > > Warner, I was buried with US orders. I figured there would be
10 or so,
> > > there were over 70!!. Used up all my stock, had to order and
waiting on
> > > them to arrive. Sorry, but they will be sent to you when I get
them.
> > > Doug
> > >
> > >
> > > > Hi Doug,I am sorri to tell You,but till today no "knurled
thumbscrews"
> > > > seen yet.
> > > > I hope nothing went wrong during transport ?
> > > >
> > > > promised , as soon the packet arrives here , I will let You

known.
> > > > -maybe more luck tomorrow ;-)
> > > > kind regards
> > > > Jos
> > > > ON6WJ
> > > >
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723. Re: [pfr3_group] Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-01-27 13:07:34 UTC
From: pablo kiryluk
Topic: 520 Message: 723

None here in Argentina either...
:-)

2009/1/27 Warnier jos <on6wj@skynet.be>

> Hello Marc
> no thumbscrews arrived here in Belgium
>
> greetings to all
> Jos
> ON6WJ
>
> --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com>, "Marc
> G0AZS" <marc.g0azs@...>
> wrote:
> >
> > Nothing heard so far. Has anyone else in Europe received their
> thumbscrews
> > yet? (or heard when they might be available)
> >
> > 73 Marc
> >
> > 2008/12/12 g0azs <marc.g0azs@...>
> >
> > > Hi Doug
> > >
> > > Any update on the thumbscrews for us Europeans who are eagerly
> > > awaiting them?
> > >
> > > Thanks and 73 Marc G0AZS
> > >
> > >
> > > --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com><pfr3_group%
> 40yahoogroups.com>, ki6ds@
> > > wrote:
> > > >
> > > > Warner, I was buried with US orders. I figured there would be
> 10 or so,
> > > > there were over 70!!. Used up all my stock, had to order and
> waiting on
> > > > them to arrive. Sorry, but they will be sent to you when I get
> them.
> > > > Doug
> > > >
> > > >

> > > > > Hi Doug,I am sorri to tell You,but till today no "knurled
> thumbscrews"
> > > > > seen yet.
> > > > > I hope nothing went wrong during transport ?
> > > > >
> > > > > promised , as soon the packet arrives here , I will let You
> known.
> > > > > -maybe more luck tomorrow ;-)
> > > > > kind regards
> > > > > Jos
> > > > > ON6WJ
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724. Re: [pfr3_group] Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-01-27 16:12:05 UTC
From: ki6ds@dospalos.org
Topic: 520 Message: 724

Warner, my order has come in. Please send me your address and how many
requests you have had and I will get them done this weekend and mailed on
Monday. Sorry to take so long, but I did not have any more extras until
the order came in. Doug

> Hello Marc
> no thumbscrews arrived here in Belgium
>
> greetings to all
> Jos
> ON6WJ
>
> --- In pfr3_group@yahoogroups.com, "Marc G0AZS" <marc.g0azs@...>
> wrote:
>>
>> Nothing heard so far. Has anyone else in Europe received their
> thumbscrews
>> yet? (or heard when they might be available)
>>
>> 73 Marc
>>
>> 2008/12/12 g0azs <marc.g0azs@...>
>>
>> > Hi Doug
>> >
>> > Any update on the thumbscrews for us Europeans who are eagerly
>> > awaiting them?
>> >
>> > Thanks and 73 Marc G0AZS
>> >
>> >
>> > --- In pfr3_group@yahoogroups.com <pfr3_group%
> 40yahoogroups.com>, ki6ds@
>> > wrote:
>> > >
>> > > Warner, I was buried with US orders. I figured there would be
> 10 or so,
>> > > there were over 70!!. Used up all my stock, had to order and
> waiting on
>> > > them to arrive. Sorry, but they will be sent to you when I get
> them.
>> > > Doug
>> > >
>> > >
>> > > > Hi Doug,I am sorri to tell You,but till today no "knurled

> thumbscrews"
>> > > > seen yet.
>> > > > I hope nothing went wrong during transport ?
>> > > >
>> > > > promised , as soon the packet arrives here , I will let You
> known.
>> > > > -maybe more luck tomorrow ;-)
>> > > > kind regards
>> > > > Jos
>> > > > ON6WJ
>> > > >
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725. Re: [pfr3_group] Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-01-27 16:43:36 UTC
From: pablo kiryluk
Topic: 520 Message: 725

Just in case mine is:

Pablo Kiryluk
Gral. Villegas 5450
Wilde BA 1875
Argentina

73

2009/1/27, ki6ds@... <ki6ds@...>:
>
> Warner, my order has come in. Please send me your address and how many
> requests you have had and I will get them done this weekend and mailed on
> Monday. Sorry to take so long, but I did not have any more extras until
> the order came in. Doug
>
> > Hello Marc
> > no thumbscrews arrived here in Belgium
> >
> > greetings to all
> > Jos
> > ON6WJ
> >
> > --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com>, "Marc
> G0AZS" <marc.g0azs@...>
> > wrote:
> >>
> >> Nothing heard so far. Has anyone else in Europe received their
> > thumbscrews
> >> yet? (or heard when they might be available)
> >>
> >> 73 Marc
> >>
> >> 2008/12/12 g0azs <marc.g0azs@...>
> >>
> >> > Hi Doug
> >> >
> >> > Any update on the thumbscrews for us Europeans who are eagerly
> >> > awaiting them?
> >> >
> >> > Thanks and 73 Marc G0AZS
> >> >
> >> >
> >> > --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com><pfr3_group%
> > 40yahoogroups.com>, ki6ds@
> >> > wrote:

> >> > >
> >> > > Warner, I was buried with US orders. I figured there would be
> > 10 or so,
> >> > > there were over 70!!. Used up all my stock, had to order and
> > waiting on
> >> > > them to arrive. Sorry, but they will be sent to you when I get
> > them.
> >> > > Doug
> >> > >
> >> > >
> >> > > > Hi Doug,I am sorri to tell You,but till today no "knurled
> > thumbscrews"
> >> > > > seen yet.
> >> > > > I hope nothing went wrong during transport ?
> >> > > >
> >> > > > promised , as soon the packet arrives here , I will let You
> > known.
> >> > > > -maybe more luck tomorrow ;-)
> >> > > > kind regards
> >> > > > Jos
> >> > > > ON6WJ
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726. Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-01-28 15:46:07 UTC
From: Warnier jos
Topic: 520 Message: 726

Hi Doug,
no problem at all for the delay,
due pc crash here have lost all data ,yes... no back-up ;-)
for the moment I have only these names&addresses of
DL2BQD, Dieter
OE6WTD,Dieter
G0AZS,Marc
but I think there will be other OM's interested
(as I do)
as written before , to make life a bit easyer for You , gladly will
distribute these sets of screws to the EU-PFR-fraternity
(but do not have an idea how many of these yellow boxes crossed the
pond)
(again: no financial interests here , cost of postage will be only
the effective charges :+/- 0,50 Euro !)
best 73's

My address:(qrz.com)

ON6WJ
Warnier Jos
Kalendijk 28
B-9200 Dendermonde
Belgium
e-mail: on6wj@skynet.be

727. Re: [pfr3_group] Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-02-05 18:34:24 UTC
From: hzp_electronics@juno.com
Topic: 520 Message: 727
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

728. Re: [pfr3_group] Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-02-05 19:33:57 UTC
From: ki6ds@dospalos.org
Topic: 520 Message: 728

Bill send me a dollar for postage and I will ship the screws to you.
Please email Steve Weber with your questions and he will get you going.
kd1jv@...

72, Doug

> Doug,
> How can I request the PFR-3 thumb screws?
> My antenna switch on the PFR-3 (back panel) was band when I assembled the
> kit. Not sure if I used too much heat or it was bad initially. I got one
> at Radio Shack for $4, a little salty!
> Also, my PA went out. Has anyone else had PA problems? I don't know how
> to protect the PA when my antenna wire waves in the wind at my temporary
> operations at motels and campsites.
> My BLT tuner does not seem to match some loads close to 50 ohms. I used
> the turns specified in the writeup 11.5ct, 6, and 2 turns, not the ones in
> the schematic which were 16ct, 12, and 6 turns. Any mods been suggested?
> Thanks,
> ... Bill Rodgers K3HZP
>
>
>
> --
> Free information on finding a medical malpractice lawyer to file your
> case. Click now.
> http://thirdpartyoffers.juno.com/TGL2131/fc/PnY6rbv5QtgMBdQwaJtgS5ZSi2AU092r1lr3VgS8aZf9
HbbXjs5uB/

729. Re: [pfr3_group] Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-02-05 21:25:59 UTC
From: Steven Weber
Topic: 520 Message: 729

My antenna switch on the PFR-3 (back panel) was band when I assembled the kit. Not sure if I used too much heat or it was bad initially. I got one at Radio Shack for $4, a little salty!

The plastic used in the toggle switch melts very easialy. One must be very careful not to let the tab move when soldering. Why they use that kind of plastic is beyond me. I've ruined more then one myself.

Also, my PA went out. Has anyone else had PA problems? I don't know how to protect the PA when my antenna wire waves in the wind at my temporary operations at motels and campsites.

High SWR can cause the current into the PA to exceed safe limits. No good solution, other than to run at lower supply voltages or make a current limited supply that cuts out at about 1 amp.

My BLT tuner does not seem to match some loads close to 50 ohms. I used the turns specified in the writeup 11.5ct, 6, and 2 turns, not the ones in the schematic which were 16ct, 12, and 6 turns. Any mods been suggested?

Nature of the beast. The BLT can't match an infinate number of impedances.

72, Steve KD1JV

730. No reading on wattmeter

Yahoo group: pfr3_group
Date: 2009-02-07 21:48:55 UTC
From: kb2rte
Topic: 730 Message: 730

Hi,

I have just finished building the pfr-3 kit and I purchase a MFJ-816 wattmeter/swr meter to be able to check out the output of the radio. When I key the radio I can hear my signal on my general coverage receiver but there is no deflection on the wattmeter. I tested it with a Yaesu FT-890 and it works just fine.

When I built the kit all the smoke tests were right on the money. Would anyone have any ideas why I appear to be getting no appreciable output from the radio? Are there more tests I can do? Are there adjustments I should make? I would appreciate any advice anyone mught have to offer. I really like this kit and am eager to use it with its full 5 watt output.

Thank you very much,
Richard Dale Fennell Jr -- N2IU

731. Re: [pfr3_group] No reading on wattmeter

Yahoo group: pfr3_group
Date: 2009-02-07 22:17:13 UTC
From: bob bailey
Topic: 730 Message: 731

the PFR-3 has a built in dummy load and antenna tunner which should give you a indication of rf out put, are you setting everything up correctly ? do you get the led to light up on the PFR-3 ?

From: kb2rte
Sent: Saturday, February 07, 2009 4:48 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] No reading on wattmeter

Hi,

I have just finished building the pfr-3 kit and I purchase a MFJ-816 wattmeter/swr meter to be able to check out the output of the radio. When I key the radio I can hear my signal on my general coverage receiver but there is no deflection on the wattmeter. I tested it with a Yaesu FT-890 and it works just fine.

When I built the kit all the smoke tests were right on the money. Would anyone have any ideas why I appear to be getting no appreciable output from the radio? Are there more tests I can do? Are there adjustments I should make? I would appreciate any advice anyone mught have to offer. I really like this kit and am eager to use it with its full 5 watt output.

Thank you very much,
Richard Dale Fennell Jr -- N2IU

732. No reading on wattmeter

Yahoo group: pfr3_group
Date: 2009-02-07 22:55:31 UTC
From: Richard Dale Fennell Jr.
Topic: 730 Message: 732

The led does light up when it is in the tune mode position. I have not tried hooking it up to a dummy load. I was hooking it up to a G5RV JR and I also tried an end fedz 40/20/10 antenna. Like I said I can hear my signal on a general coverage receiver but see no deflection on the meter.

Thank you for your assistance,

Richard

733. Re: [pfr3_group] No reading on wattmeter

Yahoo group: pfr3_group
Date: 2009-02-07 23:04:30 UTC
From: Ed - K9EW
Topic: 730 Message: 733

Double check the wiring from the RF Output on the pc board to the BNC
connector. It sounds like the power just isn't getting to the BNC.

73,
ed - k9ew
www.k9ew.us

On Sat, Feb 7, 2009 at 4:55 PM, Richard Dale Fennell Jr.
<n2iu@...> wrote:
> The led does light up when it is in the tune mode position. I have not
> tried hooking it up to a dummy load. I was hooking it up to a G5RV JR and I
> also tried an end fedz 40/20/10 antenna. Like I said I can hear my signal
> on a general coverage receiver but see no deflection on the meter.
>
>
>
> Thank you for your assistance,
>
> Richard
>
>

734. Re: No reading on wattmeter

Yahoo group: pfr3_group
Date: 2009-02-07 23:19:17 UTC
From: w2bpi
Topic: 730 Message: 734

Are you sure you have the switch in the back in the correct
position? 72 George/W2BPI

In pfr3_group@yahoogroups.com, Ed - K9EW <k9ew57@...> wrote:
>
> Double check the wiring from the RF Output on the pc board to the
BNC
> connector. It sounds like the power just isn't getting to the BNC.
>
> 73,
> ed - k9ew
> www.k9ew.us
>
> On Sat, Feb 7, 2009 at 4:55 PM, Richard Dale Fennell Jr.
> <n2iu@...> wrote:
> > The led does light up when it is in the tune mode position. I
have not
> > tried hooking it up to a dummy load. I was hooking it up to a
G5RV JR and I
> > also tried an end fedz 40/20/10 antenna. Like I said I can hear
my signal
> > on a general coverage receiver but see no deflection on the meter.
> >
> >
> >
> > Thank you for your assistance,
> >
> > Richard
> >
> >
>

735. Re: No reading on wattmeter

Yahoo group: pfr3_group
Date: 2009-02-09 14:44:28 UTC
From: J.-P. Couture
Topic: 730 Message: 735

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
> Are you sure you have the switch in the back in the correct
> position? 72 George/W2BPI
>
>
George is right,

If the switch is facing binding posts, the bnc is selected as output.

If the switch is facing the bnc, the balanced line output is selected
as output.

JP VA2SG

736. Re: No reading on wattmeter

Yahoo group: pfr3_group
Date: 2009-02-09 15:33:34 UTC
From: w2bpi
Topic: 730 Message: 736

A added note here. I did not like the way the switch was wired per the manual. So I rewired mine the opposite way. Therefor my switch handle points to the output connection being used. Made more sence to me! 72 George/W2BPI

>
> --- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@> wrote:
> >
> > Are you sure you have the switch in the back in the correct
> > position? 72 George/W2BPI
> >
> >
> George is right,
>
> If the switch is facing binding posts, the bnc is selected as output.
>
> If the switch is facing the bnc, the balanced line output is selected
> as output.
>
> JP VA2SG
>

737. I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 16:00:34 UTC
From: Cal Cotner
Topic: 737 Message: 737

Hi all,
The more I use this little rig, the more I like it! The receive selectivity is outstanding, particularly the skirt selectivity. The receive sensitivity is very good. I find the user interface
to be excellent, especially the ease with which I can change my sending speed. And I like the
feel of the paddles. I do wish the rig had a bit more audio "oomph", but I found it to be sufficient with a sensitive pair of headphones. Also, I have a little Radio Shack amplifier/speaker, which when used with the PFR-3 can blow me out of the shack <g>.
I racked up about 30 QSOs in the 2008 Swepstakes in a couple of hours operating. I worked some DX with the rig and used it in FYBO 2009.
I do need to get more accustomed to the BLT tuner, but the Load control broke free while I was using the rig in FYBO 2009. So I'll have to get in touch with Steve, KD1JV.
While initially I was a bit dubious about the PFR-3, I've since decided that it is indeed a keeper!
72/73,
Cal K4JSI

738. Re: I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 16:11:57 UTC
From: w2bpi
Topic: 737 Message: 738

If you do a search there is a easy fix to get more audio. 72
Geo/W2BPI
>
> Hi all,
> The more I use this little rig, the more I like it! The
receive selectivity is outstanding,
> particularly the skirt selectivity. The receive sensitivity is
very good. I find the user interface
> to be excellent, especially the ease with which I can change my
sending speed. And I like the
> feel of the paddles. I do wish the rig had a bit more
audio "oomph", but I found it to be
> sufficient with a sensitive pair of headphones. Also, I have a
little Radio Shack
> amplifier/speaker, which when used with the PFR-3 can blow me out
of the shack <g>.
> I racked up about 30 QSOs in the 2008 Swepstakes in a couple
of hours operating. I
> worked some DX with the rig and used it in FYBO 2009.
> I do need to get more accustomed to the BLT tuner, but the
Load control broke free while I
> was using the rig in FYBO 2009. So I'll have to get in touch with
Steve, KD1JV.
> While initially I was a bit dubious about the PFR-3, I've
since decided that it is indeed a
> keeper!
> 72/73,
> Cal K4JSI
>

739. Re: [pfr3_group] Re: I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 16:33:06 UTC
From: MAXXOUT2@AOL.COM
Topic: 737 Message: 739

PRF vs FT 817 RX
What rig has less RX noise?
Also can the tuner be left out and an end fed built in?
Are orders being taken now?
BOB
AF2Q
**********A Good Credit Score is 700 or Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100000075x1218550342x1201216770/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072%26hmpgID=62%26bcd=febemailfooterNO62)

740. Re: [pfr3_group] I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 16:45:14 UTC
From: Steven Weber
Topic: 737 Message: 740

> I do need to get more accustomed to the BLT tuner, but the Load
> control broke free while I
> was using the rig in FYBO 2009. So I'll have to get in touch with Steve,
> KD1JV.

Glad you like the rig. You need to get in touch with Doug for any
replacement parts, I don't have any!

73, Steve KD1JV

741. BNC / Binding Posts Switch

Yahoo group: pfr3_group
Date: 2009-02-09 18:09:38 UTC
From: pablo kiryluk
Topic: 741 Message: 741

I use the swith *always" in the same position, either with the coax output or the balanced line. I have used both output without moving the switch with no problem at all

I believe the switch *only* grounds the black post when you use a long fed wire...

Am I mistaken?

73

pdk

742. Re: [pfr3_group] I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 19:10:55 UTC
From: bob bailey
Topic: 737 Message: 742

it may just be that the shaft screw came lose, remove the knob and tighten the screw, then replace the knob.

a small drop of lock-tight on the threads may prevent that from happening again.

bob
WB7DMX

From: Steven Weber
Sent: Monday, February 09, 2009 11:45 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] I'm Liking my PFR-3 More and More!

> I do need to get more accustomed to the BLT tuner, but the Load
> control broke free while I
> was using the rig in FYBO 2009. So I'll have to get in touch with Steve,
> KD1JV.

Glad you like the rig. You need to get in touch with Doug for any
replacement parts, I don't have any!

73, Steve KD1JV

743. Re: I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 19:16:24 UTC
From: w2bpi
Topic: 737 Message: 743

The manual suggests using a drop of super glue. I have done that
on all my projects that use these type of caps. 72 Geo/W2BPI

> it may just be that the shaft screw came lose, remove the knob and
tighten the screw, then replace the knob.
>
> a small drop of lock-tight on the threads may prevent that from
happening again.
>
> bob
> WB7DMX
>
>
> From: Steven Weber
> Sent: Monday, February 09, 2009 11:45 AM
> To: pfr3_group@yahoogroups.com
> Subject: Re: [pfr3_group] I'm Liking my PFR-3 More and More!
>
>
> > I do need to get more accustomed to the BLT tuner, but the Load
> > control broke free while I
> > was using the rig in FYBO 2009. So I'll have to get in touch with
Steve,
> > KD1JV.
>
> Glad you like the rig. You need to get in touch with Doug for any
> replacement parts, I don't have any!
>
> 73, Steve KD1JV
>

744. Re: [pfr3_group] Re: I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 19:31:32 UTC
From: bob bailey
Topic: 737 Message: 744

ok, then if the vari-cap is broken, you can get replacements from hendricks qrp.com.

bob
WB7DMX

From: w2bpi
Sent: Monday, February 09, 2009 2:16 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: I'm Liking my PFR-3 More and More!

The manual suggests using a drop of super glue. I have done that
on all my projects that use these type of caps. 72 Geo/W2BPI

> it may just be that the shaft screw came lose, remove the knob and
tighten the screw, then replace the knob.
>
> a small drop of lock-tight on the threads may prevent that from
happening again.
>
> bob
> WB7DMX
>
>
> From: Steven Weber
> Sent: Monday, February 09, 2009 11:45 AM
> To: pfr3_group@yahoogroups.com
> Subject: Re: [pfr3_group] I'm Liking my PFR-3 More and More!
>
>
> > I do need to get more accustomed to the BLT tuner, but the Load
> > control broke free while I
> > was using the rig in FYBO 2009. So I'll have to get in touch with
Steve,
> > KD1JV.
>
> Glad you like the rig. You need to get in touch with Doug for any
> replacement parts, I don't have any!
>
> 73, Steve KD1JV
>

745. Re: [pfr3_group] Re: I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 20:12:51 UTC
From: MAXXOUT2@AOL.COM
Topic: 737 Message: 745

Are these kits available now or do I have to wait until may?
Is the receiver noise less then the FT 817?
BOB
AF2Q
**********A Good Credit Score is 700 or Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100000075x1218550342x1201216770/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072%26hmpgID=62%26bcd=febemailfooterNO62)

746. Re: I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 20:38:57 UTC
From: w2bpi
Topic: 737 Message: 746

There is a order form on his website. I think the May ref was for when the kit was first introduced. I don't have a FT817 so can't compare them. I built a PFR-3 and am very pleased with it. I have used it a lot and believe it is a great buy. Just my 2cents. 72 George/W2BPI

In pfr3_group@yahoogroups.com, MAXXOUT2@... wrote

Are these kits available now or do I have to wait until may?
Is the receiver noise less then the FT 817?
BOB
AF2Q

747. Re: [pfr3_group] Re: I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 20:59:24 UTC
From: MAXXOUT2@AOL.COM
Topic: 737 Message: 747

Hi George,
I read about 1 week ago that orders will start to be accepted in May
BOB
AF2Q

In a message dated 2/9/2009 12:39:04 PM Pacific Standard Time,
w2bpi1@... writes:

There is a order form on his website. I think the May ref was for when
the kit was first introduced. I don't have a FT817 so can't compare
them. I built a PFR-3 and am very pleased with it. I have used it a lot
and believe it is a great buy. Just my 2cents. 72 George/W2BPI

**********A Good Credit Score is 700 or Above. See yours in just 2 easy
steps!
(http://pr.atwola.com/promoclk/100000075x1218550342x1201216770/aol?redir=http://www.freecr
editreport.com/pm/default.aspx?sc=668072%26hmpgID=62%26bcd=fe
bemailfooterNO62)

748. Re: [pfr3_group] Re: I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 21:25:43 UTC
From: ki6ds@dospalos.org
Topic: 737 Message: 748

PFR-3 Radios are ready to ship upon receipt of orders. 72, Doug

749. Re: I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 21:30:55 UTC
From: w2bpi
Topic: 737 Message: 749

I think there may be some confusion here Doug because when clicking on the PFr-3 on your website there is a message at the top saying they are not available until May. Check it out. Geo/W2BPI

In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>
> PFR-3 Radios are ready to ship upon receipt of orders. 72, Doug
>

750. Re: [pfr3_group] Re: I'm Liking my PFR-3 More and More!

Yahoo group: pfr3_group
Date: 2009-02-09 21:42:48 UTC
From: ki6ds@dospalos.org
Topic: 737 Message: 750

You are right. I will forward this to my web guy. Thanks, Doug

> I think there may be some confusion here Doug because when clicking on
> the PFr-3 on your website there is a message at the top saying they are
> not available until May. Check it out. Geo/W2BPI
>
>
>
>
> In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>>
>> PFR-3 Radios are ready to ship upon receipt of orders. 72, Doug
>>
>
>
>

751. My PFR-3 Further Comments

Yahoo group: pfr3_group
Date: 2009-02-10 20:03:46 UTC
From: Cal Cotner
Topic: 751 Message: 751

Hi all,
First, let me thank those who responded with suggestions about the Load control on my PFRR-3. WB7DMX nailed it - the shaft screw had simply loosened, I tightened it, which solved the problem. I'm contemplating the various approaches to increasing the audio gain that were suggested, and will decide on which course to adopt. It appears that my posting triggered a good deal of discussion on the list, which I hope folks found interesting. I've certainly found this mail reflector to be a valuable resource!
Regarding the pushbutton tuning mechanism, I find that it works just fine, and I don't miss having a tuning knob. I got used to pushbutton tuning on a Swan/Cubic Astro 150A and it worked fine, as well. Don't let the pushbutton tuning on the PFR-3 put you off.
I'll close by saying again that the user interface on the PFR-3 seems well thought out to me, and I anticipate a lot more enjoyment from this fine little rig "as time goes by".
72/73,
Cal K4JSI

752. New PFR-3

Yahoo group: pfr3_group
Date: 2009-02-11 13:30:45 UTC
From: vk2nu
Topic: 718 Message: 752

My new PFR-3 is built and on air. Even managed a first QSO, with V8FHX, whilst I was adjusting the paddles.

I have 4-5 watts out on all bands and RX seems Ok, although I haven't realy made any adjustments.

I managed to wind T1 wrong (counter clockwise with the wire coming up through the core, not down as instructed!!!). this mean't that the holes were not aligned and I had to be creative when threading the leads through the pads. When I can get some extra 30# wire i'll rewind this.. Still works Ok, but looks messy.

T3 doesn't look very tidy either, and I may rewind this later??

All good so far, I'll do some tweaking and install the battery compartment tomorrow..

David, VK2NU

753. Re: I'm Liking my PFR-3 More and More! --Noise and Tuner Mod

Yahoo group: pfr3_group
Date: 2009-02-18 17:55:53 UTC
From: wb8yyy_curt
Topic: 737 Message: 753

Bob

Noise of the PFR-3 is likely driven by the DDS chip used (data will be on the manufacturer's data sheet) and the clock source used to drive it ... I expect it to be similar to other QRP rigs that use a DDS. Perhaps the ARRL lab will check it out (i did ask when it came out!).

The manual tuner is essentially a stand-alone function -- so it could be customized to what the PC board can host -- note manual is available so you get the info needed to consider your desired mod.

73, curt

--- In pfr3_group@yahoogroups.com, MAXXOUT2@... wrote:
>
> PRF vs FT 817 RX
> What rig has less RX noise?
> Also can the tuner be left out and an end fed built in?
> Are orders being taken now?
> BOB
> AF2Q
> **********A Good Credit Score is 700 or Above. See yours in just 2 easy
> steps!
> (http://pr.atwola.com/promoclk/100000075x1218550342x1201216770/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072%26hmpgID=62%26bcd=fe
> bemailfooterNO62)
>

754. Re: [pfr3_group] Re: I'm Liking my PFR-3 More and More! --Noise and Tuner Mod

Yahoo group: pfr3_group
Date: 2009-02-18 19:52:26 UTC
From: Steven Weber
Topic: 737 Message: 754

> Noise of the PFR-3 is likely driven by the DDS chip used (data will
> be on the manufacturer's data sheet) and the clock source used to
> drive it ... I expect it to be similar to other QRP rigs that use a
> DDS. Perhaps the ARRL lab will check it out (i did ask when it came
> out!).

Actually, most of the noise is from the product detector chip. If you short out the input to product detector, you will not notice any significant change in the noise level, which is actually not much to begin with.

73, KD1JV

755. PFR-3 Almost complete

Yahoo group: pfr3_group
Date: 2009-02-21 18:07:41 UTC
From: ai4rj
Topic: 755 Message: 755

The build went smoothly for the most part and likewise for the quality of the components. One of the screws for the polyvaricons had no threads but was able to find one in the junk box. (I'm one of those people that never throw anything out)Both of the binding posts had bad threads and were unusable.... again, two from the junk box. Everything else was fine. All of the tests were fine and did the alignment with a freq counter and scope and seems to be dead on frequency. The receiver and filtering is excellent even in contest conditions. Power out is 5 watts on all bands.
I did the final tests and mounted everything in the case last night, plugged into my 137' OCF dipole and worked Y0TA on the first call. Second Q was with HG7T .... had to repeat call once. Both Q's were over 1000 mi per watt so I'm satisfied.
Looks like this radio is going to be a lot of fun this summer. Thanks Steve and Doug for a very nice kit.

73 Dan AI4RJ

756. Re: [pfr3_group] No reading on wattmeter

Yahoo group: pfr3_group
Date: 2009-02-08 02:24:31 UTC
From: Bob Nelson
Topic: 730 Message: 756

Try flipping the switch next to the BNC connector. Then I would ohm out that switch and the connections. My switch was bad.

73 (Best Regards),

Bob Nelson K2QPN
k2qpn@...
www.k2qpn.ham-radio-op.net (http://www.k2qpn.ham-radio-op.net)

Burlington County Radio Club
Frankford Radio Club

Richard Dale Fennell Jr. wrote:

The led does light up when it is in the tune mode position. I have not tried hooking it up to a dummy load. I was hooking it up to a G5RV JR and I also tried an end fedz 40/20/10 antenna. Like I said I can hear my signal on a general coverage receiver but see no deflection on the meter.

Thank you for your assistance,

Richard

757. Re:PFR-3 Almost complete

Yahoo group: pfr3_group
Date: 2009-02-22 20:54:13 UTC
From: Emory Schley
Topic: 755 Message: 757

Are defective parts common with this kit? My junk box is just about bare, but I WAS thinking about ordering a kit. Now I don't know if I should. Parts are sometimes hard to come by where I live.

N4LP
silverlocks@...

758. Re: [pfr3_group] No reading on wattmeter

Yahoo group: pfr3_group
Date: 2009-02-22 20:55:53 UTC
From: Steven Weber
Topic: 730 Message: 758

Try flipping the switch next to the BNC connector. Then I would ohm out that switch and the connections. My switch was bad.

This problem was resolved and turned out to be the series T/R switching fet installed backwards was the main problem. Something to look for if anyone else has a similer problem with low or no output.

Steve KD1JV

759. Re:PFR-3 Almost complete

Yahoo group: pfr3_group
Date: 2009-02-22 21:15:07 UTC
From: w2bpi
Topic: 755 Message: 759

I built one of these kits. I did not have any trouble with the kit. All parts were good. If you can follow instruction as given in the manual you will wind up with a great rig. I use mine at home and in the truck camper with a Hamstick dipole. Many great Qso's. Be careful when building and double check your work. I am not an engineer or electronic technician. But I can read and follow instruction. GO FOR IT AND HAVE FUN!!!!!!!! George/W2BPI

-- In pfr3_group@yahoogroups.com, Emory Schley <silverlocks@...> wrote:
>
> Are defective parts common with this kit? My junk box is just about
> bare, but I WAS thinking about ordering a kit. Now I don't know if I
> should. Parts are sometimes hard to come by where I live.
>
> N4LP
> silverlocks@...
>

760. Re: [pfr3_group] Re:PFR-3 Almost complete

Yahoo group: pfr3_group
Date: 2009-02-22 23:41:10 UTC
From: Steve
Topic: 755 Message: 760

No, Emory. Defective parts are not common with this kit. The part
that has been a little troublesome has been the microprocessor and while
it is a bit of a pain to have something that volatile go out, it "ain't"
the end of the world. Mr. Webber has been very good about replacing
them and, in fact, has been very good about helping people troubleshoot
their units when help was needed. While I have not had the time to use
mine extensively, it works like a champ and I look forward to taking it
with me on trips this summer. It's a neat kit to assemble and with the
exception of one part (toroid) for me was a heck of a lot of fun to
build. Parts are hard to come by in many communities. That's why
there are places like Newark, Mouser, DigiKey, etc etc who give
excellent service, are available online, and, while I'm sure they prefer
commercial orders, are still willing to serve the small guy. Quit
worrying about part, order the darned kit, and get started with the
fun!!!! Steve N0SM

Emory Schley wrote:
>
> Are defective parts common with this kit? My junk box is just about
> bare, but I WAS thinking about ordering a kit. Now I don't know if I
> should. Parts are sometimes hard to come by where I live.
>
> N4LP
> silverlocks@... <mailto:silverlocks%40embarqmail.com>
>
>

761. Spelling Error

Yahoo group: pfr3_group
Date: 2009-02-22 23:42:11 UTC
From: Steve
Topic: 761 Message: 761

My apologies....his name is spelled Weber not Webber!! My goof. Steve N0SM

762. Re:PFR-3 Almost complete

Yahoo group: pfr3_group
Date: 2009-02-23 00:34:38 UTC
From: ai4rj
Topic: 755 Message: 762

--- In pfr3_group@yahoogroups.com, Emory Schley <silverlocks@...> wrote:
>
> Are defective parts common with this kit? My junk box is just about
> bare, but I WAS thinking about ordering a kit. Now I don't know if I
> should. Parts are sometimes hard to come by where I live.
>
> N4LP
> silverlocks@...
>

The defective parts were only the threads on a couple of screws. When buying things like that in bulk, I find it is common to have a few not perfect and you will never know until it is time to actually use them. The rest of the kit was first class. Im sure if I had asked for replacements, Doug would have sent them but I did not see the need since I had them and wanted to finish and get on the air. All the kits from Hendricks are first class and they stand behind them 100 percent. Order your kit and it will amaze you when you start making QSO's.
73 Dan

763. Re: [pfr3_group] Re:PFR-3 Almost complete

Yahoo group: pfr3_group
Date: 2009-02-23 00:37:46 UTC
From: bob bailey
Topic: 755 Message: 763

I agree with what he said 100 percent, they are great kits and I have built all of them more than once.

bob
WB7DMX

From: ai4rj
Sent: Sunday, February 22, 2009 7:34 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re:PFR-3 Almost complete

--- In pfr3_group@yahoogroups.com, Emory Schley <silverlocks@...> wrote:
>
> Are defective parts common with this kit? My junk box is just about
> bare, but I WAS thinking about ordering a kit. Now I don't know if I
> should. Parts are sometimes hard to come by where I live.
>
> N4LP
> silverlocks@...
>

The defective parts were only the threads on a couple of screws. When buying things like that in bulk, I find it is common to have a few not perfect and you will never know until it is time to actually use them. The rest of the kit was first class. Im sure if I had asked for replacements, Doug would have sent them but I did not see the need since I had them and wanted to finish and get on the air. All the kits from Hendricks are first class and they stand behind them 100 percent. Order your kit and it will amaze you when you start making QSO's.
73 Dan

764. To buy or not to buy a PFR-3, that is the question!

Yahoo group: pfr3_group
Date: 2009-02-23 01:46:10 UTC
From: David Wilcox
Topic: 755 Message: 764

Emory,

Buy the kit and have the time of your QRP life. Doug's kits are first rate and I had even put my $200.00 down sight unseen before the kit was available last spring. I picked it up from Doug himself at Dayton and had a friend build it (my building time is limited) and it worked right from the first. Any problems with the first few kits were discussed and mods were made from all the first kit builders on this site during the first three months. Deiter even has photos of his assembly giving you step by step in pictures. The directions are now even better than the Heath Kits of old. Go for it! Enjoy. See you on the air.

Dave K8WPE

--- On Sun, 2/22/09, Emory Schley <silverlocks@...> wrote:

From: Emory Schley <silverlocks@...>
Subject: [pfr3_group] Re:PFR-3 Almost complete
To: pfr3_group@yahoogroups.com
Date: Sunday, February 22, 2009, 3:54 PM

Are defective parts common with this kit? My junk box is just about
bare, but I WAS thinking about ordering a kit. Now I don't know if I
should. Parts are sometimes hard to come by where I live.

N4LP
silverlocks@ embarqmail. com

765. My PFR-3 is off the ground

Yahoo group: pfr3_group
Date: 2009-02-23 20:44:18 UTC
From: Charles R. Pfister
Topic: 765 Message: 765

Greetings to my fellow PFR-3 owners and future owners.

I started building my Yellow Radio last night.
Under the helpful and watchful eye of my kit-Elmer, WD8AXA, Chuck,
we completed Group 1 assembly and test successfully.
My goal is to have working my Portable Field Radio to take to
Hamvention '09.

I've used another PFR-3 for a QSO, so I know how much fun the rig is.
It is easy to forget that it was once a kit of parts, because IT IS a
portable, small, precision CW transceiver.

Charlie WD8AXB
Vicksburg, MI

766. New paddle for my PFR-3

Yahoo group: pfr3_group
Date: 2009-02-26 22:49:27 UTC
From: Jerry Haigwood
Topic: 766 Message: 766

Hello All,

As some of you know, I sell paddles. Recently, I built a paddle for my PFR-3. I call it the Baby Black Widow because it is based upon the Black Widow paddle I currently sell (see www.w5jh.net/black_widow.htm). It is 2 inches wide by about 3 inches long and weighs a bit less than 8 ounces. I am making three prototypes. Dr. Bob Armstrong - N7XJ, the person the PFR-3 was originally designed for, has one. I am building one for John Stevens - K5JS and I will keep the third one. The paddle attaches to the front of the PFR-3 just like the paddle sold by Doug Hendricks. I am planning to make a bracket so it will also attach to the front of the Elecraft KX1 radio. The paddle has dual ball bearings for each arm just like the Black Widow. A nice feature of this paddle is that it can be used as a standalone paddle also. All you need to do is add a 1/8 inch female to male stereo cable. You can then plug it into any of your other radios. I have not decided if I will make this a standard product. I will first need to see if there is any demand. I have uploaded a picture of the paddle to the picture section of this list. If you think you would be interested in a paddle like this, let me know.

Jerry W5JH

767. Re: [pfr3_group] New paddle for my PFR-3

Yahoo group: pfr3_group
Date: 2009-02-26 22:56:57 UTC
From: John Stevens
Topic: 766 Message: 767

Where's your pichers. Oh. Picher section. Pichers. Gotta have 'em!
Put it on ur website too!! I went there first. Dint see the
reference to the picher section. These are reeeeeeally nice
looking!!!!!

john

On Thu, Feb 26, 2009 at 3:49 PM, Jerry Haigwood <jerry@...> wrote:
> Hello All,
>
>   As some of you know, I sell paddles.   Recently, I built a paddle for
> my PFR-3. I call it the Baby Black Widow because it is based upon the Black
> Widow paddle I currently sell (see www.w5jh.net/black_widow.htm). It is 2
> inches wide by about 3 inches long and weighs a bit less than 8 ounces. I
> am making three prototypes. Dr. Bob Armstrong – N7XJ, the person the PFR-3
> was originally designed for, has one.   I am building one for John Stevens -
> K5JS and I will keep the third one. The paddle attaches to the front of the
> PFR-3 just like the paddle sold by Doug Hendricks. I am planning to make a
> bracket so it will also attach to the front of the Elecraft KX1 radio. The
> paddle has dual ball bearings for each arm just like the Black Widow. A
> nice feature of this paddle is that it can be used as a standalone paddle
> also. All you need to do is add a 1/8 inch female to male stereo cable.
> You can then plug it into any of your other radios. I have not decided if I
> will make this a standard product. I will first need to see if there is any
> demand. I have uploaded a picture of the paddle to the picture section of
> this list. If you think you would be interested in a paddle like this, let
> me know.
>
> Jerry W5JH
>
>
>
>

768. Re: [pfr3_group] New paddle for my PFR-3

Yahoo group: pfr3_group
Date: 2009-02-26 23:52:58 UTC
From: Mike Malone
Topic: 766 Message: 768

I would be interested in one... any idea what the price range will be on them?

On Thu, Feb 26, 2009 at 4:49 PM, Jerry Haigwood <jerry@...> wrote:

> Hello All,
>
> As some of you know, I sell paddles. Recently, I built a paddle for
> my PFR-3. I call it the Baby Black Widow because it is based upon the Black
> Widow paddle I currently sell (see www.w5jh.net/black_widow.htm). It is 2
> inches wide by about 3 inches long and weighs a bit less than 8 ounces. I
> am making three prototypes. Dr. Bob Armstrong – N7XJ, the person the PFR-3
> was originally designed for, has one. I am building one for John Stevens -
> K5JS and I will keep the third one. The paddle attaches to the front of the
> PFR-3 just like the paddle sold by Doug Hendricks. I am planning to make a
> bracket so it will also attach to the front of the Elecraft KX1 radio. The
> paddle has dual ball bearings for each arm just like the Black Widow. A
> nice feature of this paddle is that it can be used as a standalone paddle
> also. All you need to do is add a 1/8 inch female to male stereo cable.
> You can then plug it into any of your other radios. I have not decided if I
> will make this a standard product. I will first need to see if there is any
> demand. I have uploaded a picture of the paddle to the picture section of
> this list. If you think you would be interested in a paddle like this, let
> me know.
>
> Jerry W5JH
>
>
>
>

769. RE: [pfr3_group] New paddle for my PFR-3

Yahoo group: pfr3_group
Date: 2009-02-27 00:43:12 UTC
From: Jerry Haigwood
Topic: 766 Message: 769
Attachments: 2 described; binary payloads are missing from this source WARC

Mike,

I expect the paddle would sell in the $40-45 range.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Mike Malone
Sent: Thursday, February 26, 2009 4:53 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] New paddle for my PFR-3

I would be interested in one... any idea what the price range will be on them?

On Thu, Feb 26, 2009 at 4:49 PM, Jerry Haigwood <jerry@...> wrote:

Hello All,

As some of you know, I sell paddles. Recently, I built a paddle for my PFR-3. I call it the Baby Black Widow because it is based upon the Black Widow paddle I currently sell (see www.w5jh.net/black_widow.htm). It is 2 inches wide by about 3 inches long and weighs a bit less than 8 ounces. I am making three prototypes. Dr. Bob Armstrong - N7XJ, the person the PFR-3 was originally designed for, has one. I am building one for John Stevens - K5JS and I will keep the third one. The paddle attaches to the front of the PFR-3 just like the paddle sold by Doug Hendricks. I am planning to make a bracket so it will also attach to the front of the Elecraft KX1 radio. The paddle has dual ball bearings for each arm just like the Black Widow. A nice feature of this paddle is that it can be used as a standalone paddle also. All you need to do is add a 1/8 inch female to male stereo cable. You can then plug it into any of your other radios. I have not decided if I will make this a standard product. I will first need to see if there is any demand. I have uploaded a picture of the paddle to the picture section of this list. If you think you would be interested in a paddle like this, let me know.

Jerry W5JH

770. Re: [pfr3_group] New paddle for my PFR-3

Yahoo group: pfr3_group
Date: 2009-02-27 05:06:04 UTC
From: rltucker@aol.com
Topic: 766 Message: 770

In a message dated 2/26/09 4:49:52 PM, jerry@... writes:

> I have uploaded a picture of the paddle to the picture section of this
> list.
>

I am wondering: why didn't you simply embed it in the email message? Please
send a jpeg to me. Thanks. - Bob

****
A Good Credit Score is 700 or
Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100126575x1218822736x1201267884/aol?redir=http:%2F%2Fwww.freecreditreport.com%2Fpm%2Fdefault.aspx%3Fsc%3D668072%26hmpgID%3D62%26bcd%3DfebemailfooterNO62)

771. RE: [pfr3_group] New paddle for my PFR-3

Yahoo group: pfr3_group
Date: 2009-02-27 05:09:40 UTC
From: Jerry Haigwood
Topic: 766 Message: 771
Attachments: 2 described; binary payloads are missing from this source WARC

Here is a picture.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of rltucker@...
Sent: Thursday, February 26, 2009 10:06 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] New paddle for my PFR-3

In a message dated 2/26/09 4:49:52 PM, jerry@... writes:

I have uploaded a picture of the paddle to the picture section of this list.

I am wondering: why didn't you simply embed it in the email message? Please send a jpeg to me. Thanks. - Bob

****
A Good Credit Score is 700 or Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100126575x1218822736x1201267884/aol?redir=http:%2F%2Fwww.freecreditreport.com%2Fpm%2Fdefault.aspx%3Fsc%3D668072%26hmpgID%3D62%26bcd%3DfebemailfooterNO62)

772. Re: New paddle for my PFR-3

Yahoo group: pfr3_group
Date: 2009-02-27 17:00:28 UTC
From: Paul Smith
Topic: 766 Message: 772

Hello Jerry, I would VERY much like to buy one of your baby paddles. I tried for a few months to use the Hendricks attached paddle but just did not like the feel. Put me down for one and where to send the money order.
Thanks
Paul N0NBD

--- In pfr3_group@yahoogroups.com, "Jerry Haigwood" <jerry@...> wrote:
>
> Hello All,
>
> As some of you know, I sell paddles. Recently, I built a paddle for
> my PFR-3. I call it the Baby Black Widow because it is based upon the Black
> Widow paddle I currently sell (see www.w5jh.net/black_widow.htm). It is 2
> inches wide by about 3 inches long and weighs a bit less than 8 ounces. I
> am making three prototypes. Dr. Bob Armstrong - N7XJ, the person the PFR-3
> was originally designed for, has one. I am building one for John Stevens -
> K5JS and I will keep the third one. The paddle attaches to the front of the
> PFR-3 just like the paddle sold by Doug Hendricks. I am planning to make a
> bracket so it will also attach to the front of the Elecraft KX1 radio. The
> paddle has dual ball bearings for each arm just like the Black Widow. A
> nice feature of this paddle is that it can be used as a standalone paddle
> also. All you need to do is add a 1/8 inch female to male stereo cable.
> You can then plug it into any of your other radios. I have not decided if I
> will make this a standard product. I will first need to see if there is any
> demand. I have uploaded a picture of the paddle to the picture section of
> this list. If you think you would be interested in a paddle like this, let
> me know.
>

> Jerry W5JH
>

773. Re: [pfr3_group] Re: New paddle for my PFR-3

Yahoo group: pfr3_group
Date: 2009-02-27 17:20:13 UTC
From: Mike Malone
Topic: 766 Message: 773

On Fri, Feb 27, 2009 at 11:00 AM, Paul Smith <psmith61@...> wrote:

> Hello Jerry, I would VERY much like to buy one of your baby paddles.
> I tried for a few months to use the Hendricks attached paddle but
> just did not like the feel. Put me down for one and where to send the
> money order.
> Thanks
> Paul N0NBD
>
>
> --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com>, "Jerry
> Haigwood" <jerry@...> wrote:
> >
> > Hello All,
> >
> > As some of you know, I sell paddles. Recently, I built a
> paddle for
> > my PFR-3. I call it the Baby Black Widow because it is based upon
> the Black
> > Widow paddle I currently sell (see www.w5jh.net/black_widow.htm).
> It is 2
> > inches wide by about 3 inches long and weighs a bit less than 8
> ounces. I
> > am making three prototypes. Dr. Bob Armstrong - N7XJ, the person
> the PFR-3
> > was originally designed for, has one. I am building one for John
> Stevens -
> > K5JS and I will keep the third one. The paddle attaches to the
> front of the
> > PFR-3 just like the paddle sold by Doug Hendricks. I am planning
> to make a
> > bracket so it will also attach to the front of the Elecraft KX1
> radio. The
> > paddle has dual ball bearings for each arm just like the Black
> Widow. A
> > nice feature of this paddle is that it can be used as a standalone
> paddle
> > also. All you need to do is add a 1/8 inch female to male stereo
> cable.
> > You can then plug it into any of your other radios. I have not
> decided if I
> > will make this a standard product. I will first need to see if
> there is any
> > demand. I have uploaded a picture of the paddle to the picture
> section of

> > this list. If you think you would be interested in a paddle like
> this, let
> > me know.
> >
> > Jerry W5JH
> >
>
>
>

774. Re: [pfr3_group] New paddle for my PFR-3

Yahoo group: pfr3_group
Date: 2009-02-27 17:21:15 UTC
From: Mike Malone
Topic: 766 Message: 774

Jerry, if you can get them out soon enough I will take one to FDIM for show
and smell.
I have the stock key also, but have enjoyed my other paddles you designed.
The Sqrpions
paddle is my usually field paddle for setting up in the park.

Mike

On Thu, Feb 26, 2009 at 6:43 PM, Jerry Haigwood <jerry@w5jh.net> wrote:

> Mike,
>
> I expect the paddle would sell in the $40-45 range.
>
> Jerry W5JH
>
>
>
>
>
>
> *From:* pfr3_group@...m [mailto:pfr3_group@yahoogroups.com] *On
> Behalf Of *Mike Malone
> *Sent:* Thursday, February 26, 2009 4:53 PM
> *To:* pfr3_group@yahoogroups.com
> *Subject:* Re: [pfr3_group] New paddle for my PFR-3
>
>
>
>
>
> I would be interested in one... any idea what the price range will be on
> them?
>
> On Thu, Feb 26, 2009 at 4:49 PM, Jerry Haigwood <jerry@...> wrote:
>
> Hello All,
>
> As some of you know, I sell paddles. Recently, I built a paddle for
> my PFR-3. I call it the Baby Black Widow because it is based upon the Black
> Widow paddle I currently sell (see www.w5jh.net/black_widow.htm). It is 2
> inches wide by about 3 inches long and weighs a bit less than 8 ounces. I
> am making three prototypes. Dr. Bob Armstrong – N7XJ, the person the PFR-3
> was originally designed for, has one. I am building one for John Stevens -
> K5JS and I will keep the third one. The paddle attaches to the front of the
> PFR-3 just like the paddle sold by Doug Hendricks. I am planning to make a
> bracket so it will also attach to the front of the Elecraft KX1 radio. The
> paddle has dual ball bearings for each arm just like the Black Widow. A

> nice feature of this paddle is that it can be used as a standalone paddle
> also. All you need to do is add a 1/8 inch female to male stereo cable.
> You can then plug it into any of your other radios. I have not decided if I
> will make this a standard product. I will first need to see if there is any
> demand. I have uploaded a picture of the paddle to the picture section of
> this list. If you think you would be interested in a paddle like this, let
> me know.
>
> Jerry W5JH
>
>
>
>
>
>
>

775. re:Black Widow paddles

Yahoo group: pfr3_group
Date: 2009-02-27 23:56:39 UTC
From: Johnny Matlock
Topic: 775 Message: 775

Jerry:
Put me on a wish list If you have one! Looks like a very nice set of paddles for the PFR. I also have a KX-1.
Was just thinking of a way to make them swap back and forth?
TNX 72
Johnny ACOBQ jomatlock@...

776. No PFR3 yet!

Yahoo group: pfr3_group
Date: 2009-02-28 00:25:57 UTC
From: Stewart Whitehouse
Topic: 776 Message: 776

I ordered a PFR3 kit two weeks ago and was hoping to be putting it
together this weekend but alas, no joy.
What is the general experience of the group as to shipping delays within
the country? Considering the shipping cost I thought the kit would have
shipped priority mail.
Disappointed in Florida
Stew ke4yh

777. RE: [pfr3_group] re:Black Widow paddles

Yahoo group: pfr3_group
Date: 2009-02-28 03:24:17 UTC
From: Jerry Haigwood
Topic: 775 Message: 777

Johnny,

You should be able to do that. The only problem being you will need
to change the front bracket and add a connector for the 2 wires (dot/dash).
Three screws hold the front bracket onto the paddle base.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On
Behalf Of Johnny Matlock
Sent: Friday, February 27, 2009 4:57 PM
To: pfr3_group
Subject: [pfr3_group] re:Black Widow paddles

Jerry:
Put me on a wish list If you have one! Looks like a very nice set of
paddles for the PFR. I also have a KX-1.
Was just thinking of a way to make them swap back and forth?
TNX 72
Johnny ACOBQ jomatlock@... <mailto:jomatlock%40gmail.com>

778. black widow paddle

Yahoo group: pfr3_group
Date: 2009-02-28 19:42:54 UTC
From: merlinrail
Topic: 778 Message: 778

Hi Jerry could you let me have one of you paddles please for my PFR3 .
just let me know when they are availble and the cost plus shipping to
U.K.
cheers and 73's
Roy
GM4VKI

779. Re:black widow paddle

Yahoo group: pfr3_group
Date: 2009-03-01 10:30:52 UTC
From: Michael E. Califf,Sr.
Topic: 778 Message: 779

I wish to purchase one of your new paddles for the PFR3 this coming payday,which should be around the 5th of the month or so.
Will PayPal be OK??

--
MikeSr AB7OC
KX1 1038
K1 2440
PFR3
FT-817
DC40A/B
RM40/20
HM15
SW30
ATS3B.1
IC-718
IC-746

780. Re: New paddle for my PFR-3

Yahoo group: pfr3_group
Date: 2009-03-01 16:41:55 UTC
From: boblusby
Topic: 766 Message: 780

Add another to your list. Also advise if you are set-up for Pay Pal.
Thanks, Bob, k9foh.

--- In pfr3_group@yahoogroups.com, "Jerry Haigwood" <jerry@...> wrote:>

The Baby Black Widow is based upon the Black Widow paddle I currently sell (see www.w5jh.net/black_widow.htm). It is 2 inches wide by about 3 inches long and weighs a bit less than 8 ounces. I will first need to see if there is any demand. I have uploaded a picture of the paddle to the picture section of this list. If you think you would be interested in a paddle like this, let me know.

Jerry W5JH

781. RE: [pfr3_group] Re:black widow paddle

Yahoo group: pfr3_group
Date: 2009-03-01 17:35:58 UTC
From: Jerry Haigwood
Topic: 778 Message: 781

Mike,

Sorry but you'll have to wait. I haven't produced any quantity yet.
I expect to go into production in about a month or so.

Jerry

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On
Behalf Of Michael E. Califf,Sr.
Sent: Sunday, March 01, 2009 3:31 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re:black widow paddle

I wish to purchase one of your new paddles for the PFR3 this coming
payday,which should be around the 5th of the month or so.
Will PayPal be OK??

--
MikeSr AB7OC
KX1 1038
K1 2440
PFR3
FT-817
DC40A/B
RM40/20
HM15
SW30
ATS3B.1
IC-718
IC-746

782. RE: [pfr3_group] Re: New paddle for my PFR-3

Yahoo group: pfr3_group
Date: 2009-03-01 18:17:39 UTC
From: Jerry Haigwood
Topic: 766 Message: 782

Bob, I do take paypal. Give me about a month or so to get production going.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of boblusby
Sent: Sunday, March 01, 2009 9:42 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: New paddle for my PFR-3

Add another to your list. Also advise if you are set-up for Pay Pal.
Thanks, Bob, k9foh.

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , "Jerry Haigwood" <jerry@...> wrote:>

The Baby Black Widow is based upon the Black Widow paddle I currently sell (see www.w5jh.net/black_widow.htm). It is 2 inches wide by about 3 inches long and weighs a bit less than 8 ounces. I will first need to see if there is any demand. I have uploaded a picture of the paddle to the picture section of this list. If you think you would be interested in a paddle like this, let me know.

Jerry W5JH

783. Re: [pfr3_group] Re: New paddle for my PFR-3

Yahoo group: pfr3_group
Date: 2009-03-01 17:00:38 UTC
From: Bob Nelson
Topic: 766 Message: 783

I am also interested.

73 (Best Regards),

Bob Nelson K2QPN
k2qpn@...
www.k2qpn.ham-radio-op.net (http://www.k2qpn.ham-radio-op.net)

Burlington County Radio Club
Frankford Radio Club

boblusby wrote:

Add another to your list. Also advise if you are set-up for Pay Pal.
Thanks, Bob, k9foh.

--- In pfr3_group@yahoogroups.com, "Jerry Haigwood" wrote:>

The Baby Black Widow is based upon the Black Widow paddle I currently
sell (see www.w5jh.net/ (http://www.w5jh.net/)black_widow.htm). It is 2 inches wide by about
3 inches long and weighs a bit less than 8 ounces. I will first need
to see if there is any demand. I have uploaded a picture of the paddle
to the picture section of this list. If you think you would be
interested in a paddle like this, let me know.

Jerry W5JH

784. Re:black widow paddle

Yahoo group: pfr3_group
Date: 2009-03-03 23:40:05 UTC
From: querencias
Topic: 778 Message: 784

I, too, wish to buy one of your paddles; looks like a real winner!

Grant KT6L

--- In pfr3_group@yahoogroups.com, "Michael E. Califf,Sr." <mecsr@...> wrote:
>
> I wish to purchase one of your new paddles for the PFR3 this coming
> payday,which should be around the 5th of the month or so.

785. Re: [pfr3_group] No PFR3 yet!

Yahoo group: pfr3_group
Date: 2009-03-04 01:51:44 UTC
From: Bill Trettin
Topic: 776 Message: 785

I paid for mine on 6 Feb and haven't received it yet either. I thought the shipping time was 1 to 2 weeks but I guess not. I called them up last week and he said he either shipped it out Monday (two days earlier) or it would ship out that weekend. I guess it dodn't ship Monday or I would have had it by now.

I know a lot of QRP kit sellers run their companies as a second job after a full day at their real job, so I don't mind waiting. I just wish they had something set up so you knew where you were on the list like Dave Benson does.

Bill, KF8GE

--- On Sat, 2/28/09, Stewart Whitehouse <ke4yh@...> wrote:

From: Stewart Whitehouse <ke4yh@tampabay.rr.com>
Subject: [pfr3_group] No PFR3 yet!
To: "PFR3 radio group" <pfr3_group@yahoogroups.com>
Date: Saturday, February 28, 2009, 9:25 AM

I ordered a PFR3 kit two weeks ago and was hoping to be putting it
together this weekend but alas, no joy.
What is the general experience of the group as to shipping delays within
the country? Considering the shipping cost I thought the kit would have
shipped priority mail.
Disappointed in Florida
Stew ke4yh

786. Re: [pfr3_group] No PFR3 yet!

Yahoo group: pfr3_group
Date: 2009-03-04 02:45:47 UTC
From: Mike Malone
Topic: 776 Message: 786

It will come in a nice lil priority mail box... generally, all my orders
from Doug
have been within a few weeks. SWL takes a bit... he has that list because
of
the back order. Happy customer here of both those guys.

I will say that I really like my pfr3. Enjoy it when you get it!

KD5KXF

On Tue, Mar 3, 2009 at 7:51 PM, Bill Trettin <lwwb100@...> wrote:

> I paid for mine on 6 Feb and haven't received it yet either. I thought
> the shipping time was 1 to 2 weeks but I guess not. I called them up last
> week and he said he either shipped it out Monday (two days earlier) or it
> would ship out that weekend. I guess it dodn't ship Monday or I would have
> had it by now.
>
> I know a lot of QRP kit sellers run their companies as a second job after a
> full day at their real job, so I don't mind waiting. I just wish they had
> something set up so you knew where you were on the list like Dave Benson
> does.
>
> Bill, KF8GE
>
> --- On *Sat, 2/28/09, Stewart Whitehouse <ke4yh@...>* wrote:
>
> From: Stewart Whitehouse <ke4yh@...>
> Subject: [pfr3_group] No PFR3 yet!
> To: "PFR3 radio group" <pfr3_group@yahoogroups.com>
> Date: Saturday, February 28, 2009, 9:25 AM
>
> I ordered a PFR3 kit two weeks ago and was hoping to be putting it
> together this weekend but alas, no joy.
> What is the general experience of the group as to shipping delays within
> the country? Considering the shipping cost I thought the kit would have
> shipped priority mail.
> Disappointed in Florida
> Stew ke4yh
>
>
>
>

787. Re: [pfr3_group] No PFR3 yet!

Yahoo group: pfr3_group
Date: 2009-03-04 02:48:44 UTC
From: Stewart Whitehouse
Topic: 776 Message: 787

Thanks for the info Bill,
Guess I'll just have to be patient for awhile longer.
Stew ke4yh

On Tue, 2009-03-03 at 17:51 -0800, Bill Trettin wrote:
> I paid for mine on 6 Feb and haven't received it yet either. I thought
> the shipping time was 1 to 2 weeks but I guess not. I called them up
> last week and he said he either shipped it out Monday (two days
> earlier) or it would ship out that weekend. I guess it dodn't ship
> Monday or I would have had it by now.
>
> I know a lot of QRP kit sellers run their companies as a second job
> after a full day at their real job, so I don't mind waiting. I just
> wish they had something set up so you knew where you were on the list
> like Dave Benson does.
>
> Bill, KF8GE
>
> --- On Sat, 2/28/09, Stewart Whitehouse <ke4yh@...> wrote:
>
> From: Stewart Whitehouse <ke4yh@...>
> Subject: [pfr3_group] No PFR3 yet!
> To: "PFR3 radio group" <pfr3_group@yahoogroups.com>
> Date: Saturday, February 28, 2009, 9:25 AM
>
> I ordered a PFR3 kit two weeks ago and was hoping to be
> putting it
> together this weekend but alas, no joy.
> What is the general experience of the group as to shipping
> delays within
> the country? Considering the shipping cost I thought the kit
> would have
> shipped priority mail.
> Disappointed in Florida
> Stew ke4yh
>
>
>
>

788. Re: [pfr3_group] No PFR3 yet!

Yahoo group: pfr3_group
Date: 2009-03-04 04:05:08 UTC
From: ki6ds@dospalos.org
Topic: 776 Message: 788

Stewart and Bill, both of your rigs will ship tomorrow. I am a 1 man operation, and am still a full time teacher and high school basketball coach. Thus, I do Hendricks qrp kits on weekends. I lost the last 2 weekends. 2 weeks ago I got the flu, then I had an abscessed tooth problem that took 3 days and hours in the dentist's office to fix. I was able to get part of the back log addressed and ready to go to the post office today, and will take another load tomorrow.

I apologize for the delay, it was unavoidable. Thank you for your patience and understanding. Hopefully by Friday I will be current on all orders shipped.

72, Doug

789. Re: [pfr3_group] No PFR3 yet!

Yahoo group: pfr3_group
Date: 2009-03-04 14:51:27 UTC
From: Stewart Whitehouse
Topic: 776 Message: 789

Thanks Doug.
Hope you're feeling better. Sometimes us old guys forget what it's like
to have such great demands on our time.
I'm keeping my bench clear in anticipation.
72,
Stew ke4yh

On Tue, 2009-03-03 at 20:05 -0800, ki6ds@... wrote:
> Stewart and Bill, both of your rigs will ship tomorrow. I am a 1 man
> operation, and am still a full time teacher and high school basketball
> coach. Thus, I do Hendricks qrp kits on weekends. I lost the last 2
> weekends. 2 weeks ago I got the flu, then I had an abscessed tooth
> problem that took 3 days and hours in the dentist's office to fix. I
> was
> able to get part of the back log addressed and ready to go to the post
> office today, and will take another load tomorrow.
>
> I apologize for the delay, it was unavoidable. Thank you for your
> patience and understanding. Hopefully by Friday I will be current on
> all
> orders shipped.
>
> 72, Doug
>
>
>

>

790. Re: No PFR3 yet!

Yahoo group: pfr3_group
Date: 2009-03-05 10:29:27 UTC
From: lwwb100
Topic: 776 Message: 790

Thanks, Doug, I had a feeling it was something like that, hope you're feeling better. Looking forward to it, and I also have the workbench cleared off here in anticipation.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>
> Stewart and Bill, both of your rigs will ship tomorrow. I am a 1 man
> operation, and am still a full time teacher and high school basketball
> coach. Thus, I do Hendricks qrp kits on weekends. I lost the last 2
> weekends. 2 weeks ago I got the flu, then I had an abscessed tooth
> problem that took 3 days and hours in the dentist's office to fix. I was
> able to get part of the back log addressed and ready to go to the post
> office today, and will take another load tomorrow.
>
> I apologize for the delay, it was unavoidable. Thank you for your
> patience and understanding. Hopefully by Friday I will be current on all
> orders shipped.
>
> 72, Doug
>

791. Group 1 smoke test Question

Yahoo group: pfr3_group
Date: 2009-03-05 15:02:50 UTC
From: Joseph
Topic: 791 Message: 791

Hello all,

I am building my PFR-3 and am at the first smoke test section. I have a question about the last bullet in that group of tests:

The DDS chip should also be working at this point. This can be tested with a frequency counter connected to the R39/R41 junction at U7 or general coverage receiver tuned to about 2.115 MHz (+/- 1 kHz) with a short pick up lead for an antenna placed near the DDS chip (U7).I am wondering, should R41 be C41?

Thanks for any help you can give here.

Regards and 73!

Joseph

792. Re: [pfr3_group] Group 1 smoke test Question

Yahoo group: pfr3_group
Date: 2009-03-05 15:24:01 UTC
From: w2bpi1@aol.com
Topic: 791 Message: 792

YES!

George/W2BPI

In a message dated 3/5/2009 10:03:22 Eastern Standard Time,
capsule_losing_contact@... writes:

Hello all,

I am building my PFR-3 and am at the first smoke test section. I have a
question about the last bullet in that group of tests:

* The DDS chip should also be working at this point. This can be
tested with a frequency counter connected to the R39/R41 junction at U7 or general
coverage receiver tuned to about 2.115 MHz (+/- 1 kHz) with a short pick up
lead for an antenna placed near the DDS chip (U7).
I am wondering, should R41 be C41?

Thanks for any help you can give here.

Regards and 73!

Joseph

**********A Good Credit Score is 700 or Above. See yours in just 2 easy
steps!
(http://pr.atwola.com/promoclk/100126575x1219957551x1201325337/aol?redir=http:%2F%2Fwww.fr
eecreditreport.com%2Fpm%2Fdefault.aspx%3Fsc%3D668072%26hmpgID
%3D62%26bcd%3DfebemailfooterNO62)

793. Re: [pfr3_group] Re: No PFR3 yet!

Yahoo group: pfr3_group
Date: 2009-03-05 18:56:30 UTC
From: Stewart Whitehouse
Topic: 776 Message: 793

PRF3 arrived today!! Happy dance, Happy dance.
Soon as I get these darn taxes done this afternoon I'll start sorting/inventorying parts.
Can hardly wait!
72
Stew ke4yh

794. Re: No PFR3 yet!

Yahoo group: pfr3_group
Date: 2009-03-05 23:05:09 UTC
From: lwwb100
Topic: 776 Message: 794

Mine came today, too! Outstanding! I wasn't expecting it until Saturday at the earliest. If only there wasn't a contest this weekend. I may have to call in sick tomorrow if I can get the parts inventoried this evening :-)

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, Stewart Whitehouse <ke4yh@...> wrote:
>
> PRF3 arrived today!! Happy dance, Happy dance.
> Soon as I get these darn taxes done this afternoon I'll start
> sorting/inventorying parts.
> Can hardly wait!
> 72
> Stew ke4yh
>

795. tact switches s1-s4

Yahoo group: pfr3_group
Date: 2009-03-06 19:48:04 UTC
From: Stewart Whitehouse
Topic: 795 Message: 795

Hi all,
I am at the point of mounting switches S1-S4. In order for the switches to protrude the proper distance through the panel, do I straighten the pins and let the switches sit directly on the board or, should they sit up from the board?
72,
Stew ke4yh

796. Re: [pfr3_group] tact switches s1-s4

Yahoo group: pfr3_group
Date: 2009-03-06 21:10:01 UTC
From: Stewart Whitehouse
Topic: 795 Message: 796

I went ahead and mounted these switches firm to the board and I'm happy
to report that "SMOKE TEST ONE" was a resounding success.
A test fit to the box indicates the switches protrude just fine.
72
Stew ke4yh

On Fri, 2009-03-06 at 14:48 -0500, Stewart Whitehouse wrote:
> Hi all,
> I am at the point of mounting switches S1-S4. In order for the
> switches
> to protrude the proper distance through the panel, do I straighten the
> pins and let the switches sit directly on the board or, should they
> sit
> up from the board?
> 72,
> Stew ke4yh

797. Re: tact switches s1-s4

Yahoo group: pfr3_group
Date: 2009-03-09 22:06:06 UTC
From: lwwb100
Topic: 795 Message: 797

Stewart,

How's it going on the kit? I have three more parts to install, T3 (the last toroid with three separate windings) and two poly varicaps.
T3 is turning out to be a bit of a bear, so I set it aside last night and figured I would finish up tonight. I'm missing the varicap mounting hardware and a 68p capacitor, but I think I can jury rig something until the missing parts come in the mail. I've passed all the smoke tests so far and am really anxious to get this thing on the air.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, Stewart Whitehouse <ke4yh@...> wrote:
>
> I went ahead and mounted these switches firm to the board and I'm happy
> to report that "SMOKE TEST ONE" was a resounding success.
> A test fit to the box indicates the switches protrude just fine.
> 72
> Stew ke4yh
>
>
> On Fri, 2009-03-06 at 14:48 -0500, Stewart Whitehouse wrote:
> > Hi all,
> > I am at the point of mounting switches S1-S4. In order for the
> > switches
> > to protrude the proper distance through the panel, do I straighten the
> > pins and let the switches sit directly on the board or, should they
> > sit
> > up from the board?
> > 72,
> > Stew ke4yh
>

798. Voltage on U8

Yahoo group: pfr3_group
Date: 2009-03-09 23:44:07 UTC
From: bwmiller262
Topic: 798 Message: 798

I'm having a great time putting together my PFR3, but have come up with two questions:

First, in the Pretests of the Transmitter section (pg. 10 in the instruction manual), while testing the voltage on the L7 pad, it indicates that the voltage should be about the same as the supply voltage to the board. I am using a 9V battery with a measured voltage of 8.3 volts. My voltage across the contacts of L7 is 5.9V and 7.9 when measuring against ground. Is this ok?

Second, in this same section, I got to the following instruction:

"With the transmitter keyed, check the voltage on pins 1 and 13 of U8 again. These should not read about 2.5 volts. Since these pins now have a square wave at the transmitter frequency on them, exactly how a DVM responds to this signal may depend upon the particular DVM used."

I tried both my DVMs (both cheap ones) and have a reading of 0V on both. Do you think there's something wrong on my board or is this a function of my DVMs?

Thank you very much for any help you can offer.

Bruce, K7EY

799. Re: Voltage on U8

Yahoo group: pfr3_group
Date: 2009-03-10 01:59:14 UTC
From: lwwb100
Topic: 798 Message: 799

--- In pfr3_group@yahoogroups.com, "bwmiller262" <bwmiller262@...> wrote:
>
> First, in the Pretests of the Transmitter section (pg. 10 in the instruction manual), while testing the voltage on the L7 pad, it indicates that the voltage should be about the same as the supply voltage to the board. I am using a 9V battery with a measured voltage of 8.3 volts. My voltage across the contacts of L7 is 5.9V and 7.9 when measuring against ground. Is this ok?

I checked the voltage across the L7 pad closest to C57 and it was 8.5. My supply voltage was 9.2. I can't remember what voltage I got on the other L7 pad, but yours sounds OK.

>
> Second, in this same section, I got to the following instruction:
>
> "With the transmitter keyed, check the voltage on pins 1 and 13 of U8 again. These should not read about 2.5 volts. Since these pins now have a square wave at the transmitter frequency on them, exactly how a DVM responds to this signal may depend upon the particular DVM used."
>
> I tried both my DVMs (both cheap ones) and have a reading of 0V on both. Do you think there's something wrong on my board or is this a function of my DVMs?

That doesn't sound right to me. Are you getting a sidetone in the headphones when you key the transmitter? I guess I would start by checking the value of R37 and checking all the pins on U7 and U8 to make sure they aren't bent under and actually go into the socket.

Bill, KF8GE

800. Re: [pfr3_group] Re: tact switches s1-s4

Yahoo group: pfr3_group
Date: 2009-03-10 14:39:26 UTC
From: Stewart Whitehouse
Topic: 795 Message: 800

Hi Bill,
Looks like you're a bit ahead of me. I have finished winding L1 and T1
and will mount them today. Then I'll be ready for "smoke test 2".
Did you get the Nylon washers listed in the manual? I didn't get them
and haven't found what they are used for. I think the varicaps mounting
hardware was just loose in the hardware bag. I'm using the six small
flat washers (as spacers) and the very short #4 pan head screws for
mounting the varicaps. Without the spaces the varicap shaft seemed to
bind on the pcb.
72,
Stew ke4yh

On Mon, 2009-03-09 at 22:06 +0000, lwwb100 wrote:
> Stewart,
>
> How's it going on the kit? I have three more parts to install, T3 (the
> last toroid with three separate windings) and two poly varicaps.
> T3 is turning out to be a bit of a bear, so I set it aside last night
> and figured I would finish up tonight. I'm missing the varicap
> mounting hardware and a 68p capacitor, but I think I can jury rig
> something until the missing parts come in the mail. I've passed all
> the smoke tests so far and am really anxious to get this thing on the
> air.
>
> Bill, KF8GE
>
> --- In pfr3_group@yahoogroups.com, Stewart Whitehouse <ke4yh@...>
> wrote:
> >
> > I went ahead and mounted these switches firm to the board and I'm
> happy
> > to report that "SMOKE TEST ONE" was a resounding success.
> > A test fit to the box indicates the switches protrude just fine.
> > 72
> > Stew ke4yh
> >
> >
> > On Fri, 2009-03-06 at 14:48 -0500, Stewart Whitehouse wrote:
> > > Hi all,
> > > I am at the point of mounting switches S1-S4. In order for the
> > > switches
> > > to protrude the proper distance through the panel, do I straighten
> the
> > > pins and let the switches sit directly on the board or, should
> they

> > > sit
> > > up from the board?
> > > 72,
> > > Stew ke4yh
> >
>
>
>
>
>

801. Re: [pfr3_group] Re: tact switches s1-s4

Yahoo group: pfr3_group
Date: 2009-03-10 17:25:01 UTC
From: Mike Malone
Topic: 795 Message: 801

Hi, just a word to the wise... from the not so wise... be sure you slow down and read and follow the directions on T1. It is a little different from transformers I have wound in the past. The rig is awesome when completed. It is amazing that you can build such a neat multi band rig with this few parts.

Mike KD5KXF

On Tue, Mar 10, 2009 at 9:39 AM, Stewart Whitehouse <ke4yh@...>wrote:

> Hi Bill,
> Looks like you're a bit ahead of me. I have finished winding L1 and T1
> and will mount them today. Then I'll be ready for "smoke test 2".
> Did you get the Nylon washers listed in the manual? I didn't get them
> and haven't found what they are used for. I think the varicaps mounting
> hardware was just loose in the hardware bag. I'm using the six small
> flat washers (as spacers) and the very short #4 pan head screws for
> mounting the varicaps. Without the spaces the varicap shaft seemed to
> bind on the pcb.
> 72,
> Stew ke4yh
>
>
> On Mon, 2009-03-09 at 22:06 +0000, lwwb100 wrote:
> > Stewart,
> >
> > How's it going on the kit? I have three more parts to install, T3 (the
> > last toroid with three separate windings) and two poly varicaps.
> > T3 is turning out to be a bit of a bear, so I set it aside last night
> > and figured I would finish up tonight. I'm missing the varicap
> > mounting hardware and a 68p capacitor, but I think I can jury rig
> > something until the missing parts come in the mail. I've passed all
> > the smoke tests so far and am really anxious to get this thing on the
> > air.
> >
> > Bill, KF8GE
> >
> > --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com>,
> Stewart Whitehouse <ke4yh@...>
> > wrote:
> > >
> > > I went ahead and mounted these switches firm to the board and I'm
> > happy
> > > to report that "SMOKE TEST ONE" was a resounding success.
> > > A test fit to the box indicates the switches protrude just fine.

> > > 72
> > > Stew ke4yh
> > >
> > >
> > > On Fri, 2009-03-06 at 14:48 -0500, Stewart Whitehouse wrote:
> > > > Hi all,
> > > > I am at the point of mounting switches S1-S4. In order for the
> > > > switches
> > > > to protrude the proper distance through the panel, do I straighten
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> > > > pins and let the switches sit directly on the board or, should
> > they
> > > > sit
> > > > up from the board?
> > > > 72,
> > > > Stew ke4yh
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802. Re: [pfr3_group] Re: Voltage on U8

Yahoo group: pfr3_group
Date: 2009-03-10 17:32:29 UTC
From: Mike Malone
Topic: 798 Message: 802

On Mon, Mar 9, 2009 at 8:59 PM, lwwb100 <btrettin@...> wrote:

> --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com>,
> "bwmiller262" <bwmiller262@...> wrote:
> >
> > First, in the Pretests of the Transmitter section (pg. 10 in the
> instruction manual), while testing the voltage on the L7 pad, it indicates
> that the voltage should be about the same as the supply voltage to the
> board. I am using a 9V battery with a measured voltage of 8.3 volts. My
> voltage across the contacts of L7 is 5.9V and 7.9 when measuring against
> ground. Is this ok?
>
> I checked the voltage across the L7 pad closest to C57 and it was 8.5. My
> supply voltage was 9.2. I can't remember what voltage I got on the other L7
> pad, but yours sounds OK.
>
> >
> > Second, in this same section, I got to the following instruction:
> >
> > "With the transmitter keyed, check the voltage on pins 1 and 13 of U8
> again. These should not read about 2.5 volts. Since these pins now have a
> square wave at the transmitter frequency on them, exactly how a DVM responds
> to this signal may depend upon the particular DVM used."
> >
> > I tried both my DVMs (both cheap ones) and have a reading of 0V on both.
> Do you think there's something wrong on my board or is this a function of my
> DVMs?
>
> That doesn't sound right to me. Are you getting a sidetone in the
> headphones when you key the transmitter? I guess I would start by checking
> the value of R37 and checking all the pins on U7 and U8 to make sure they
> aren't bent under and actually go into the socket.
>
> Bill, KF8GE
>
>
>

803. Re: [pfr3_group] Voltage on U8

Yahoo group: pfr3_group
Date: 2009-03-10 17:32:47 UTC
From: Mike Malone
Topic: 798 Message: 803

When I did that test WITHOUT the IC installed, I got same on pad 1 and pad 13. Not sure if you are intended to install it first or not. I was using a 9v battery and got 8.3v. You are probably fine.

On Mon, Mar 9, 2009 at 6:44 PM, bwmiller262 <bwmiller262@...> wrote:

> I'm having a great time putting together my PFR3, but have come up with
> two questions:
>
> First, in the Pretests of the Transmitter section (pg. 10 in the
> instruction manual), while testing the voltage on the L7 pad, it indicates
> that the voltage should be about the same as the supply voltage to the
> board. I am using a 9V battery with a measured voltage of 8.3 volts. My
> voltage across the contacts of L7 is 5.9V and 7.9 when measuring against
> ground. Is this ok?
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> Second, in this same section, I got to the following instruction:
>
> "With the transmitter keyed, check the voltage on pins 1 and 13 of U8
> again. These should not read about 2.5 volts. Since these pins now have a
> square wave at the transmitter frequency on them, exactly how a DVM responds
> to this signal may depend upon the particular DVM used."
>
> I tried both my DVMs (both cheap ones) and have a reading of 0V on both. Do
> you think there's something wrong on my board or is this a function of my
> DVMs?
>
> Thank you very much for any help you can offer.
>
> Bruce, K7EY
>
>
>

804. Re: tact switches s1-s4

Yahoo group: pfr3_group
Date: 2009-03-10 22:32:24 UTC
From: lwwb100
Topic: 795 Message: 804

I didn't get any nylon washers either so I went out and bought some. However, the very short #4 screws are too short to allow both to screw into the capacitor at the same time. I can get one screw to go in without a nylon washer, but it makes the capacitor lopsided. I went to several hardware stores but couldn't find longer screws that would fit. The very short #4 scres were the only ones that would screws into the capacitors, there's some longer screws in the kit, but they have a coarser thread pattern. I have just one screw holding the capacitor in place for now, I will wait until I get them mounted right before I put it in the case.

I mounted T3 last night and wired in the BNC connector and tested the transmitter this morning. I got output on 20 and 30 meters but zilch on 40 meters. That may be because I put an 80p cap in in place of the 68p capacitor in the 40 meter filter circuit but I'm going to check for a bad solder connection tonight, my thinking is even with the wrong cap, I should still get a little juice out on 40 meters. I'm getting less than 1 watt out on 20 and 30, but I wound the toroids as tight as I could; I figured it would be easier to spread them out then to compress them when it comes time to space the turns on the toroid to get 5 watts out. Hopefully, that is all that will be needed to bring it up to 5 watts on those bands.

--- In pfr3_group@yahoogroups.com, Stewart Whitehouse <ke4yh@...> wrote:
>
> Hi Bill,
> Looks like you're a bit ahead of me. I have finished winding L1 and T1
> and will mount them today. Then I'll be ready for "smoke test 2".
> Did you get the Nylon washers listed in the manual? I didn't get them
> and haven't found what they are used for. I think the varicaps mounting
> hardware was just loose in the hardware bag. I'm using the six small
> flat washers (as spacers) and the very short #4 pan head screws for
> mounting the varicaps. Without the spaces the varicap shaft seemed to
> bind on the pcb.
> 72,
> Stew ke4yh
>
>
> On Mon, 2009-03-09 at 22:06 +0000, lwwb100 wrote:
> > Stewart,
> >
> > How's it going on the kit? I have three more parts to install, T3 (the
> > last toroid with three separate windings) and two poly varicaps.
> > T3 is turning out to be a bit of a bear, so I set it aside last night
> > and figured I would finish up tonight. I'm missing the varicap
> > mounting hardware and a 68p capacitor, but I think I can jury rig
> > something until the missing parts come in the mail. I've passed all
> > the smoke tests so far and am really anxious to get this thing on the
> > air.

> >
> > Bill, KF8GE
> >
> > --- In pfr3_group@yahoogroups.com, Stewart Whitehouse <ke4yh@>
> > wrote:
> > >
> > > I went ahead and mounted these switches firm to the board and I'm
> > happy
> > > to report that "SMOKE TEST ONE" was a resounding success.
> > > A test fit to the box indicates the switches protrude just fine.
> > > 72
> > > Stew ke4yh
> > >
> > >
> > > On Fri, 2009-03-06 at 14:48 -0500, Stewart Whitehouse wrote:
> > > > Hi all,
> > > > I am at the point of mounting switches S1-S4. In order for the
> > > > switches
> > > > to protrude the proper distance through the panel, do I straighten
> > the
> > > > pins and let the switches sit directly on the board or, should
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> > > > up from the board?
> > > > 72,
> > > > Stew ke4yh
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> >
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>

805. Re: tact switches s1-s4

Yahoo group: pfr3_group
Date: 2009-03-10 22:37:44 UTC
From: lwwb100
Topic: 795 Message: 805

--- In pfr3_group@yahoogroups.com, Mike Malone <kd5kxf@...> wrote:
>
Mike,

Yes, reading the instructions for T1 threw me for a loop. On first readthough, I thought the two windings were going to be intertwined like T3 is, but the way I ended up winding it was to put the 5 turns in the space leftover after winding the 40 turns as tight as I could. This let the leads for both coils line up with the holes and it seems to be working.

Bill, KF8GE

> Hi, just a word to the wise... from the not so wise... be sure you slow
> down and read and follow the directions on T1. It is a little different
> from transformers I have wound in the past. The rig is awesome when
> completed. It is amazing that you can build such a neat multi band rig with
> this few parts.
>
> Mike KD5KXF
>

806. Re: Voltage on U8

Yahoo group: pfr3_group
Date: 2009-03-10 22:45:23 UTC
From: lwwb100
Topic: 798 Message: 806

I read through the instructions several times because I wasn't sure whether to install U8 before the smoke test or not. I read through the rest of the instructions and at no point does it tell you to install U8, so I went ahead and installed them before the test. After reading the schematic this morning before answering Bruce's message, I realized pins 1 and 13 are logic gate outputs, i.e. no chip installed, no ouput voltage. I'm hoping he just didn't have the chip installed, that would explain why he was getting no voltage when keying the rig.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, Mike Malone <kd5kxf@...> wrote:
>
> When I did that test WITHOUT the IC installed, I got same on pad 1 and pad
> 13. Not sure if you are intended to install it first or not. I was using a

807. Re: [pfr3_group] Re: tact switches s1-s4

Yahoo group: pfr3_group
Date: 2009-03-10 22:52:23 UTC
From: Steven Weber
Topic: 795 Message: 807

but I wound the toroids as tight as I could; I figured it would be easier to spread them out then to compress them when it comes time to space the turns on the toroid to get 5 watts out. Hopefully, that is all that will be needed to bring it up to 5 watts on those bands.

The LPF toroids need to be wound with the wire evenly spaced around the core to start, then only minor tweaking of the spacing should be needed to get 5W out.

808. Re: Voltage on U8

Yahoo group: pfr3_group
Date: 2009-03-11 01:40:22 UTC
From: bwmiller262
Topic: 798 Message: 808

Bill:

Thanks for your suggestions. I've checked R37 and the U8 socket and everything is as it should be. I've also done an inspection looking for problem joints but found none. And all other previous tests have passed.

Do you believe it's possible that my inexpensive and simple DVMs are not capable of picking up the square wave being generated? Any other thoughts or suggestions?

Thanks Bill & anyone else who would like to chime in.

--- In pfr3_group@yahoogroups.com, "lwwb100" <btrettin@...> wrote:
>
> --- In pfr3_group@yahoogroups.com, "bwmiller262" bwmiller262@ wrote:
> >
> > First, in the Pretests of the Transmitter section (pg. 10 in the instruction manual), while testing the voltage on the L7 pad, it indicates that the voltage should be about the same as the supply voltage to the board. I am using a 9V battery with a measured voltage of 8.3 volts. My voltage across the contacts of L7 is 5.9V and 7.9 when measuring against ground. Is this ok?
>
> I checked the voltage across the L7 pad closest to C57 and it was 8.5. My supply voltage was 9.2. I can't remember what voltage I got on the other L7 pad, but yours sounds OK.
>
>
> >
> > Second, in this same section, I got to the following instruction:
> >
> > "With the transmitter keyed, check the voltage on pins 1 and 13 of U8 again. These should not read about 2.5 volts. Since these pins now have a square wave at the transmitter frequency on them, exactly how a DVM responds to this signal may depend upon the particular DVM used."
> >
> > I tried both my DVMs (both cheap ones) and have a reading of 0V on both. Do you think there's something wrong on my board or is this a function of my DVMs?
>
> That doesn't sound right to me. Are you getting a sidetone in the headphones when you key the transmitter? I guess I would start by checking the value of R37 and checking all the pins on U7 and U8 to make sure they aren't bent under and actually go into the socket.
>
> Bill, KF8GE

>

809. Re: Voltage on U8

Yahoo group: pfr3_group
Date: 2009-03-11 01:49:27 UTC
From: bwmiller262
Topic: 798 Message: 809

You were correct--I did not have the chip installed (per my reading of the instructions). Once the chip was installed, everything measured as it should. Apparently, the instructions should direct you to insert L7 BEFORE testing the keyed voltage on pins 1 & 13.

Thank you very much for your help--problem solved.

See you on the air soon,
Bruce, K7EY

--- In pfr3_group@yahoogroups.com, "lwwb100" <btrettin@...> wrote:
>
> I read through the instructions several times because I wasn't sure whether to install U8 before the smoke test or not. I read through the rest of the instructions and at no point does it tell you to install U8, so I went ahead and installed them before the test. After reading the schematic this morning before answering Bruce's message, I realized pins 1 and 13 are logic gate outputs, i.e. no chip installed, no ouput voltage. I'm hoping he just didn't have the chip installed, that would explain why he was getting no voltage when keying the rig.
>
> Bill, KF8GE
>
> --- In pfr3_group@yahoogroups.com, Mike Malone kd5kxf@ wrote:
> >
> > When I did that test WITHOUT the IC installed, I got same on pad 1 and pad
> > 13. Not sure if you are intended to install it first or not. I was using a
>

810. Re: tact switches s1-s4

Yahoo group: pfr3_group
Date: 2009-03-11 10:23:27 UTC
From: lwwb100
Topic: 795 Message: 810

Thanks, Steve. I now have the toroids evenly spaced around the core and the output came up a little, but I'm still only getting 1 watt out on 20 meters and only about 100 milliwatts out on 30 meters so something else is going on. Receive sensitivity is egreat on both bands.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@...> wrote:
> The LPF toroids need to be wound with the wire evenly spaced around the core
> to start, then only minor tweaking of the spacing should be needed to get 5W
> out.
>

811. Re: [pfr3_group] Re: tact switches s1-s4

Yahoo group: pfr3_group
Date: 2009-03-12 01:26:24 UTC
From: Steven Weber
Topic: 795 Message: 811

> Thanks, Steve. I now have the toroids evenly spaced around the core and
> the output came up a little, but I'm still only getting 1 watt out on 20
> meters and only about 100 milliwatts out on 30 meters so something else is
> going on. Receive sensitivity is egreat on both bands.
>

Double check the number of turns on the toriods. For some reason a lot of
people forget to count the first time the wire passes through the hole as
turn 1 and end up with an extra turn. Also make sure they are in the correct
order and the caps the right value and in the correct places.

812. Group 2 smoke test successful

Yahoo group: pfr3_group
Date: 2009-03-12 04:24:23 UTC
From: Charles R. Pfister
Topic: 812 Message: 812

Hello Yellow Box QRP users,

I am getting closer to being one of us!

The assembly team of WD8AXB and AXA finished off a successful smoke test
Wednesday night. The board is receiving.
Group 3 is almost ready for its voltage tests.
So far, so good.

73, Charlie WD8AXB
from the little build-it shop in Portage, MI

813. The Baby Black Widow Paddle is going into production

Yahoo group: pfr3_group
Date: 2009-03-12 05:23:39 UTC
From: w5jhjerry
Topic: 813 Message: 813

Hello All,
I have decided to kit the Baby Black Widow paddle. This is the paddle that I showed a few pictures of recently. My machinist tells me he should have parts to me within 2 weeks. I have ordered a LIMITED amount. Next week, I should have a picture of the prototype for the Elecraft KX1. The paddle is the same as the PFR3 model - only the front bracket is different. I'll let everyone know when all the parts have arrived and the ordering page will be up. Thanks for your time.
Jerry W5JH

814. Re: tact switches s1-s4

Yahoo group: pfr3_group
Date: 2009-03-13 02:34:40 UTC
From: lwwb100
Topic: 795 Message: 814

Steve,

I counted the turns on all the toroids and they are right. I'm checking the signal path on transmit with a scope and I'm getting the same amount of power on the PA side of the LPF. In fact, I'm only getting the positive half of the signal, the negative half is chopped off. I'm checking the signal on the drain of Q7, Q8 and Q9. If it was the LPF causing the problem, shouldn't I be getting a higher reading on the drains? I'm just trying to figure out if I can eliminate the toroids as the source of the problem or not.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@...> wrote:
>
>
>
> > Thanks, Steve. I now have the toroids evenly spaced around the core and
> > the output came up a little, but I'm still only getting 1 watt out on 20
> > meters and only about 100 milliwatts out on 30 meters so something else is
> > going on. Receive sensitivity is egreat on both bands.
> >
>
> Double check the number of turns on the toriods. For some reason a lot of
> people forget to count the first time the wire passes through the hole as
> turn 1 and end up with an extra turn. Also make sure they are in the correct
> order and the caps the right value and in the correct places.
>

815. Re: tact switches s1-s4

Yahoo group: pfr3_group
Date: 2009-03-14 15:12:20 UTC
From: lwwb100
Topic: 795 Message: 815

Figured it out and have 5-6 watts out on 20 and 30, and waiting for a capacitor to come to get 40 up and running. The problem was the two pole contacts weren't soldered on one of the band switches and there was a cold solder joint on one of the caps in the 30 meter portion of the LPF section. I should have it in the case and on the air in a day or two.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, "lwwb100" <btrettin@...> wrote:
>
>
>
> Steve,
>
> I counted the turns on all the toroids and they are right. I'm checking the signal path on transmit with a scope and I'm getting the same amount of power on the PA side of the LPF. In fact, I'm only getting the positive half of the signal, the negative half is chopped off. I'm checking the signal on the drain of Q7, Q8 and Q9. If it was the LPF causing the problem, shouldn't I be getting a higher reading on the drains? I'm just trying to figure out if I can eliminate the toroids as the source of the problem or not.
>
> Bill, KF8GE

816. Into Group 5

Yahoo group: pfr3_group
Date: 2009-03-22 17:53:00 UTC
From: Charles R. Pfister
Topic: 816 Message: 816

Greetings Field Radio Group,

The build-it team of WD8AXB/WD8AXA & KB8CRT have placed my PFR-3 on the final path to completion.

T-2 and T-3 are being wound, then two of the big variable capacitors are installed.

Chippin' away at it a couple hours at a time have kept me fresh and focused. The 3 tests have not released any valuable smoke.

The photo of the PFR-3 perched on the rock is an inspiration.

73,
Charlie WD8AXB
Vicksburg, MI

817. CW filter and NiMh questions

Yahoo group: pfr3_group
Date: 2009-03-22 21:06:54 UTC
From: John Parnell
Topic: 817 Message: 817

Hello All! - I am eagerly (but patiently!) awaiting my kit to arrive. I have been checking mods I might want to do while building the beast... right now, all I know for sure is that

-I will add a fuse to the power

- make a pigtail with two diodes to enable the rig to run off a standard 13.8 VDC power supply.

What I *can't* find (searching this groups archives) is info on adding a CW filter. I searched the group for "filter" and did not find anything relevant. I suspect that I could use one that can be placed inline with the audio output: like this

http://www.morsex.com/misc/filter.htm

I would prefer not to "reinvent the wheel": has anybody found a nice little cw filter board that would fit inside the PFR box? OR.. am I on a Fool's Errand; that is, the unit is selective enough without messing with it? I suppose I could put one outboard in an altoids tin, but I would prefer to keep it inside...

While I am here, I would also like to ask about using 8, 1.2 NiMh batteries in the PFR: I have a bunch of these (2000 AH). Doing the math, I see that this provides 9.6 Volts - I am worried that these puppies might quickly drop below the 8 volt threshold. I note that someone posted a mod to trickle charge NiMh inside the box, I am just wondering how long theselast...?

I might try the pricey lithium disposable bats for backpacking (with a dummy bat to keep the voltage down as suggested here). For shorter trips where I can carry extra weight, I can bring a small 3 AH gel cell and my folding solar panel.

Anyway, I am glad this group is here. I have noted many good hints and suggestions that I will incorporate when I make my run at the kit. I will continue to Lurk and only show my face if I am stumped...

73! de john/k7hv

818. Re: CW filter questions

Yahoo group: pfr3_group
Date: 2009-03-23 00:37:16 UTC
From: Charles R. Pfister
Topic: 817 Message: 818

--- In pfr3_group@yahoogroups.com, "John Parnell" <jparnell@...> wrote:
>
> Hello All! - I am eagerly (but patiently!) awaiting my kit to arrive.
>
> What I *can't* find (searching this groups archives) is info on adding a CW filter. I searched the group for "filter" and did not find anything relevant. I suspect that I could use one that can be placed inline with the audio output: like this
>
> http://www.morsex.com/misc/filter.htm
>
> I would prefer not to "reinvent the wheel": has anybody found a nice little cw filter board that would fit inside the PFR box? OR.. am I on a Fool's Errand; that is, the unit is selective enough without messing with it? I suppose I could put one outboard in an altoids tin, but I would prefer to keep it inside...
>

Hi John,

The radio is quite selective as it is made for CW in the field.
It is already in-the-box selective. You won't tune SSB with this radio.

Charlie WD8AXB

819. Re: [pfr3_group] CW filter and NiMh questions

Yahoo group: pfr3_group
Date: 2009-03-23 01:14:39 UTC
From: Ed - K9EW
Topic: 817 Message: 819

> I would prefer not to "reinvent the wheel": has anybody found a nice little
> cw filter board that would fit inside the PFR box? OR.. am I on a Fool's
> Errand; that is, the unit is selective enough without messing with it? I
> suppose I could put one outboard in an altoids tin, but I would prefer to
> keep it inside...

Hi John,

This rig has great IF selectivity - a 4-pole crystal filter - which is
why I bought it. Most others only have 3 crystals in the IF filter,
and the 4-Pole is noticeably better. And it's only 300 Hz wide, so no
need for additional audio filtering.

73,
ed - k9ew
www.k9ew.us

820. Re: [pfr3_group] Into Group 5

Yahoo group: pfr3_group
Date: 2009-03-23 14:43:07 UTC
From: Mike Malone
Topic: 816 Message: 820

Had mine out in the field a bit this weekend and let a couple of others try
it out and it is definitely a keeper.
I really have not used to tuner yet, I need to try that next and work out
internal batteries, but I am well on my
way to a complete solution.

Mike KD5KXF

On Sun, Mar 22, 2009 at 12:53 PM, Charles R. Pfister <crp.wd8axb@...
> wrote:

> Greetings Field Radio Group,
>
> The build-it team of WD8AXB/WD8AXA & KB8CRT have placed my PFR-3 on the
> final path to completion.
>
> T-2 and T-3 are being wound, then two of the big variable capacitors are
> installed.
>
> Chippin' away at it a couple hours at a time have kept me fresh and
> focused. The 3 tests have not released any valuable smoke.
>
> The photo of the PFR-3 perched on the rock is an inspiration.
>
> 73,
> Charlie WD8AXB
> Vicksburg, MI
>
>
>

821. Low Power

Yahoo group: pfr3_group
Date: 2009-03-23 15:01:40 UTC
From: Stewart Whitehouse
Topic: 821 Message: 821

Hi all,
Finally got to the point of testing the transmitter and am not getting full power out. Watt meter shows 2w, 3w and 4w on 40m, 30, and 20m respectively. I re-flowed the solder joints in the filter section with no change. Turns count on the toroid's are correct and playing with the spacings didn't change much. Tonight I'll see what the scope can show me. Any suggestions?
72
Stew ke4yh

822. Re: Low Power

Yahoo group: pfr3_group
Date: 2009-03-24 01:23:27 UTC
From: lwwb100
Topic: 821 Message: 822

Stew,

My first transmitter test was much like yours, only my power output was lower, but the high bands had more output than the lower bands. In my case, it was a couple contacts on one of the band switches I forgot to solder. I would go over every solder connection in the transmitter section with a magnifying glass and make sure they all look good.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, Stewart Whitehouse <ke4yh@...> wrote:
>
> Hi all,
> Finally got to the point of testing the transmitter and am not getting
> full power out. Watt meter shows 2w, 3w and 4w on 40m, 30, and 20m
> respectively. I re-flowed the solder joints in the filter section with
> no change. Turns count on the toroid's are correct and playing with the
> spacings didn't change much. Tonight I'll see what the scope can show
> me. Any suggestions?
> 72
> Stew ke4yh
>

823. Re: CW filter and NiMh questions

Yahoo group: pfr3_group
Date: 2009-03-26 02:18:26 UTC
From: wb8yyy_curt
Topic: 817 Message: 823

John

yes awaiting the start of assembly can lead to wild thoughts!

one could add a DSP filter (or a SCAF) but remember this rig was designed to be a basic rig to take anywhere (although mine is in listen mode here next to the PC at home now).

this past weekend there was a small international contest, and it was no chore separating that stations sufficiently to make some contacts, DX even, and with my low wire not my vertical!

for these bands one can do pretty well without an audio filter (which one might be more tempted to have for 80 or 160 meters not covered by this rig). if you must have an audio filter, build a NESCAF but I recommend a separate box, as you just might want to use it with other rigs. yes the case is quite full.

i have some NiMH batteries in there, but I haven't tried to drain them to see how low it will go. even at home i plug it into a medium sized gel cell, so you got the right idea to major on using the external battery, and using a set of freshly charged batteries for short periods of operating.

i recommend staying with its basic equipment for now. yes its already got enough features integrated inside. and three bands are enough diversity for a take-it-with you rig.

enjoy the build and operating it when time comes.

73 curt

--- In pfr3_group@yahoogroups.com, "John Parnell" <jparnell@...> wrote:
>
> Hello All! - I am eagerly (but patiently!) awaiting my kit to arrive. I have been checking mods I might want to do while building the beast... right now, all I know for sure is that
>
> -I will add a fuse to the power
>
> - make a pigtail with two diodes to enable the rig to run off a standard 13.8 VDC power supply.
>
> What I *can't* find (searching this groups archives) is info on adding a CW filter. I searched the group for "filter" and did not find anything relevant. I suspect that I could use one that can be placed inline with the audio output: like this
>
> http://www.morsex.com/misc/filter.htm
>
> I would prefer not to "reinvent the wheel": has anybody found a nice little cw filter board that would fit inside the PFR box? OR.. am I on a Fool's Errand; that is, the unit is

selective enough without messing with it? I suppose I could put one outboard in an altoids tin, but I would prefer to keep it inside...
>
> While I am here, I would also like to ask about using 8, 1.2 NiMh batteries in the PFR: I have a bunch of these (2000 AH). Doing the math, I see that this provides 9.6 Volts - I am worried that these puppies might quickly drop below the 8 volt threshold. I note that someone posted a mod to trickle charge NiMh inside the box, I am just wondering how long theselast...?
>
> I might try the pricey lithium disposable bats for backpacking (with a dummy bat to keep the voltage down as suggested here). For shorter trips where I can carry extra weight, I can bring a small 3 AH gel cell and my folding solar panel.
>
> Anyway, I am glad this group is here. I have noted many good hints and suggestions that I will incorporate when I make my run at the kit. I will continue to Lurk and only show my face if I am stumped...
>
> 73! de john/k7hv
>

824. Re: CW filter and NiMh questions

Yahoo group: pfr3_group
Date: 2009-03-26 14:59:32 UTC
From: John Parnell
Topic: 817 Message: 824

>
> yes awaiting the start of assembly can lead to wild thoughts!
>

- I think Curt hit the nail on the head with this comment! I am grateful for those who pointed out that the rig is selective enough - I will stick with building the rig as is... my only "mod" will be a fuse on the battery pack. Now my anxiety can shift to the prospecet of winding all those torroids (dl2bqd's excellent photos here will make that much easier). Thanks again...

-k7hv

825. Re: [pfr3_group] CW filter and NiMh questions

Yahoo group: pfr3_group
Date: 2009-03-22 21:14:14 UTC
From: w2bpi1@aol.com
Topic: 817 Message: 825

These rigs are pretty sharp as is. Doubt you will need any more filtering. I like the NesCafe filter myself. I did build it in it's own enclosure so I can use it with any rig. 72 George/W2bpi

In a message dated 3/22/2009 17:07:19 Eastern Daylight Time, jparnell@... writes:

Hello All! - I am eagerly (but patiently!) awaiting my kit to arrive. I have been checking mods I might want to do while building the beast... right now, all I know for sure is that

-I will add a fuse to the power

- make a pigtail with two diodes to enable the rig to run off a standard 13.8 VDC power supply.

What I *can't* find (searching this groups archives) is info on adding a CW filter. I searched the group for "filter" and did not find anything relevant. I suspect that I could use one that can be placed inline with the audio output: like this

http://www.morsex.http://wwhttp://www
(http://www.morsex.com/misc/filter.htm)

I would prefer not to "reinvent the wheel": has anybody found a nice little cw filter board that would fit inside the PFR box? OR.. am I on a Fool's Errand; that is, the unit is selective enough without messing with it? I suppose I could put one outboard in an altoids tin, but I would prefer to keep it inside...

While I am here, I would also like to ask about using 8, 1.2 NiMh batteries in the PFR: I have a bunch of these (2000 AH). Doing the math, I see that this provides 9.6 Volts - I am worried that these puppies might quickly drop below the 8 volt threshold. I note that someone posted a mod to trickle charge NiMh inside the box, I am just wondering how long theselast...Wh

I might try the pricey lithium disposable bats for backpacking (with a dummy bat to keep the voltage down as suggested here). For shorter trips where I can carry extra weight, I can bring a small 3 AH gel cell and my folding solar panel.

Anyway, I am glad this group is here. I have noted many good hints and suggestions that I will incorporate when I make my run at the kit. I will continue to Lurk and only show my face if I am stumped...

73! de john/k7hv

**********A Good Credit Score is 700 or Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100126575x1220685763x1201394209/aol?redir=http:%2F%2Fwww.freecreditreport.com%2Fpm%2Fdefault.aspx%3Fsc%3D668072%26hmpgID%3D62%26bcd%3DMarchfooterNO62)

826. magnet wire supplied

Yahoo group: pfr3_group
Date: 2009-03-30 06:25:03 UTC
From: jtrenalone
Topic: 826 Message: 826

Hello anyone who is checking in. I am new to kit building, and have a question that may seem dumb.

I am building the PFR, and the manual indicates that the toroids are wound with either #30, #28, or #24 (T3) wire, I only seem to have supplied to magnet wire sizes. One length of larger magnet wire(green enamel), and one length of smaller dia wire (red enamal).

So, I asume that is is alright to wind toroids that call for #28 or #30 with the red wire, and the one that calls for #24 with the green wire.

Thanks in advance for any information,

Joel

827. Re: magnet wire supplied

Yahoo group: pfr3_group
Date: 2009-03-30 09:51:09 UTC
From: lwwb100
Topic: 826 Message: 827

Joels.

That doesn't sound right, I just received a kit last month with 3 different sizes of magnet wire. You probably need to contact Doug and let him know you only received two sizes of magnet wire. Or if you are in a hurry, you could probably buy some #28 and #30 wire, however last time I bought magne wire from Radio Shack, they only had #26.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, "jtrenalone" <jtrenalone@...> wrote:
>
> Hello anyone who is checking in. I am new to kit building, and have a question that may seem dumb.
>
> I am building the PFR, and the manual indicates that the toroids are wound with either #30, #28, or #24 (T3) wire, I only seem to have supplied to magnet wire sizes. One length of larger magnet wire(green enamel), and one length of smaller dia wire (red enamal).
>
> So, I asume that is is alright to wind toroids that call for #28 or #30 with the red wire, and the one that calls for #24 with the green wire.
>
> Thanks in advance for any information,
>
> Joel
>

828. Re: [pfr3_group] Re: magnet wire supplied

Yahoo group: pfr3_group
Date: 2009-03-30 14:53:54 UTC
From: Stewart Whitehouse
Topic: 826 Message: 828

I only got two sizes of wire with mine. Luckly I had a small supply on hand.
Stew ke4yh

On Mon, 2009-03-30 at 09:51 +0000, lwwb100 wrote:
> Joels.
>
> That doesn't sound right, I just received a kit last month with 3
> different sizes of magnet wire. You probably need to contact Doug and
> let him know you only received two sizes of magnet wire. Or if you are
> in a hurry, you could probably buy some #28 and #30 wire, however last
> time I bought magne wire from Radio Shack, they only had #26.
>
> Bill, KF8GE
>
> --- In pfr3_group@yahoogroups.com, "jtrenalone" <jtrenalone@...>
> wrote:
> >
> > Hello anyone who is checking in. I am new to kit building, and have
> a question that may seem dumb.
> >
> > I am building the PFR, and the manual indicates that the toroids are
> wound with either #30, #28, or #24 (T3) wire, I only seem to have
> supplied to magnet wire sizes. One length of larger magnet wire(green
> enamel), and one length of smaller dia wire (red enamal).
> >
> > So, I asume that is is alright to wind toroids that call for #28 or
> #30 with the red wire, and the one that calls for #24 with the green
> wire.
> >
> > Thanks in advance for any information,
> >
> > Joel
> >
>
>
>
>
>

829. Fully assembled and operational PFR-3 for sale

Yahoo group: pfr3_group
Date: 2009-04-02 16:25:46 UTC
From: nick_ulman
Topic: 829 Message: 829

See: http://www.eham.net/classifieds/detail/285136

For Sale: Fully assembled and working Hendricks PFR-3 QRP CW 40/30/20 m transceiver. See http://www.qrpkits.com/pfr3.html for specs and details about the radio. Includes internal keyer, antenna tuner, and battery holder. Does not include optional paddles. I built this radio in December 2008 and made many contacts across the USA from the west coast. It's very tough; good for portable ops or camping. Selling because I would like to buy/build more radios and XYL has a limit on number of radios in the house. $250 /obo including shipping to USA. PayPal preferred; check OK, but must wait for check to clear before shipping.

Send email to nick@... if you have questions. I don't check this group's messages very frequently. 73, Nick KZ2V

830. Test Equipment

Yahoo group: pfr3_group
Date: 2009-04-03 14:24:24 UTC
From: Joseph
Topic: 830 Message: 830

Hello group!!

I would like to know from the folks who have built and use the PFR-3, what you would consider essential test equipment that is needed in order to successfully build the PFR-3. What would you consider "Must Have" test equipment vs. "It would be nice to have, but not essential".

Thank you for taking the time to read and reply.

Regards,

Joseph
KF6VVQ

831. RE: [pfr3_group] Test Equipment

Yahoo group: pfr3_group
Date: 2009-04-03 14:42:14 UTC
From: Norm Schklar
Topic: 830 Message: 831

I used a vom and another hf rig.

Norm Schklar

Amateur Radio Station WA4ZXV

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Joseph
Sent: Friday, April 03, 2009 10:24 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Test Equipment

Hello group!!

I would like to know from the folks who have built and use the PFR-3, what you would consider essential test equipment that is needed in order to successfully build the PFR-3. What would you consider "Must Have" test equipment vs. "It would be nice to have, but not essential".

Thank you for taking the time to read and reply.

Regards,

Joseph
KF6VVQ

832. Re: [pfr3_group] Test Equipment

Yahoo group: pfr3_group
Date: 2009-04-03 15:56:41 UTC
From: Dieter Klaschka
Topic: 830 Message: 832

Hi, Joseph,
A good Digital Voltmeter will perfectly do here for the kit builder
- when one knows what one will measure at certain points in the circuit.
The manual tells you.

A Dummy Load is useful to send and hear your sig in a monitor RX. So you
protect your own PFR and do not stress others.

An RF probe helps to measure and calculate power, or a Power Meter with
enclosed 50 Ohms.

A good friend who knows how to use an Oscilloscope and who can
interprete the screen - I can't.
(But since a scope also only "measures voltage", hi... use your DVM and
try to understanmd what you measure.)

72, Dieter

Joseph schrieb:
>
> Hello group!!
>
> I would like to know from the folks who have built and use the PFR-3,
> what you would consider essential test equipment that is needed in
> order to successfully build the PFR-3. What would you consider "Must
> Have" test equipment vs. "It would be nice to have, but not essential".
>
> Thank you for taking the time to read and reply.
>
> Regards,
>
> Joseph
> KF6VVQ
>
>
>

833. Re: Test Equipment

Yahoo group: pfr3_group
Date: 2009-04-03 16:03:58 UTC
From: wb8yyy_curt
Topic: 830 Message: 833

Joseph

Except for a DVM nothing else is required for building this rig.

Given the investment, if you haven't built a project or two, I would suggest a simpler warm-up project. Do invest in a solder station if you dont have one -- they are much less expensive than they used to be!

Download the manual to see what you are in for!

Yes listening to its oscillators on a receiver can come in handy, but if receiver works the first time - you won't need this.

Alignment steps on the rig are simple, and supported by the microcontroller in the rig.

73 Curt

--- In pfr3_group@yahoogroups.com, Joseph <capsule_losing_contact@...> wrote:
>
> Hello group!!
>
> I would like to know from the folks who have built and use the PFR-3, what you would consider essential test equipment that is needed in order to successfully build the PFR-3. What would you consider "Must Have" test equipment vs. "It would be nice to have, but not essential".
>
> Thank you for taking the time to read and reply.
>
> Regards,
>
> Joseph
> KF6VVQ
>

834. Re: [pfr3_group] Test Equipment

Yahoo group: pfr3_group
Date: 2009-04-03 20:03:59 UTC
From: w2bpi1@aol.com
Topic: 830 Message: 834

Me to. Geo/W2BPI
**********Hurry! April 15th is almost here. File your Federal taxes FREE
with TaxACT.
(http://pr.atwola.com/promoclk/100126575x1220714320x1201367638/aol?redir=http:%2F%2Fwww.taxact.com%2F08tax.asp%3Fsc%3D084102950001%26p%3D82)

835. RE: [pfr3_group] Test Equipment

Yahoo group: pfr3_group
Date: 2009-04-03 22:59:42 UTC
From: Dale Putnam
Topic: 830 Message: 835

Hi Joseph, and all,

The list of needed test equipment is pretty much a good vom or vtvm, something with a 20,000 ohms/volt spec. and a freq readout, like another rx. Now what would also be nice would be a swr bridge with pwr measurement ability, and a generator... like a small xtal rig, say, rockmite?

It is a good rig to build, and there are many good folks here that can help out with the little problems that creep outta no where. A good soldering iron with a good technique comes in real handy too...

Kinda like riding a horse... it simply doesn't work..... until...

you get in the saddle.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: capsule_losing_contact@...
Date: Fri, 3 Apr 2009 07:24:24 -0700
Subject: [pfr3_group] Test Equipment

Hello group!!

I would like to know from the folks who have built and use the PFR-3, what you would consider essential test equipment that is needed in order to successfully build the PFR-3. What would you consider "Must Have" test equipment vs. "It would be nice to have, but not essential".

Thank you for taking the time to read and reply.

Regards,

Joseph
KF6VVQ

_____
Quick access to your favorite MSN content and Windows Live with Internet Explorer 8.
http://ie8.msn.com/microsoft/internet-explorer-8/en-us/ie8.aspx?ocid=B037MSN55C0701A

836. Re: magnet wire supplied

Yahoo group: pfr3_group
Date: 2009-04-04 03:08:13 UTC
From: John Parnell
Topic: 826 Message: 836

Ditto with me, my kit arrived yesterday: I also only received thin red and thick green magnet wire - I am also missing the 6, nylon washers. No big deal: it IS a nice piece of gear. I am happy to wait for the right wire to come from Steve vs guessing which is which...

> I am building the PFR, and the manual indicates that the toroids are wound with either #30, #28, or #24 (T3) wire, I only seem to have supplied to magnet wire sizes. One length of larger magnet wire(green enamel), and one length of smaller dia wire (red enamal).
>
> So, I asume that is is alright to wind toroids that call for #28 or #30 with the red wire, and the one that calls for #24 with the green wire.
>
> Thanks in advance for any information,
>
> Joel
>

837. Keyer wiring

Yahoo group: pfr3_group
Date: 2009-04-04 16:12:30 UTC
From: Stewart Whitehouse
Topic: 837 Message: 837

I know the PFR3 paddle jack is supposed to be wired for the tip=dit ring=dah. For some reason mine came out just the opposite. Isn't that a function of the chip programing?
I'm still fighting low output on 40 and 30 meters and have pulled out L9 and L11 to rewind them; already did L8. This has been giving me fits and I had to walk away for while.
72
Stew ke4yh

838. RE: [pfr3_group] Keyer wiring

Yahoo group: pfr3_group
Date: 2009-04-04 16:21:23 UTC
From: Dale Putnam
Topic: 837 Message: 838

Hi Stew,

I had a reversed paddle, for a bit, but a short trip around the soldering iron, and a pair of

long nose pliers... (had the wires reversed) going to the paddle. Well..... you see... I had a 50-50 chance right? *G*

About the low output, does it tune into a 50 ohm dummy load, correctly? I mean with two peaks of power? Or does it appear to reach for the peak then drop off... not tuning through the peak, just approaching it? Counting turns on toroids is a challange... I found, that I really don't like to wind toroids after midnight... soldering is ok... but not counting winding...*G*

Good luck...

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ke4yh@...
Date: Sat, 4 Apr 2009 12:12:30 -0400
Subject: [pfr3_group] Keyer wiring

I know the PFR3 paddle jack is supposed to be wired for the tip=dit
ring=dah. For some reason mine came out just the opposite. Isn't that a
function of the chip programing?
I'm still fighting low output on 40 and 30 meters and have pulled out L9
and L11 to rewind them; already did L8. This has been giving me fits and
I had to walk away for while.
72
Stew ke4yh

_____
Rediscover Hotmail®: Get quick friend updates right in your inbox.
http://windowslive.com/RediscoverHotmail?ocid=TXT_TAGLM_WL_HM_Rediscover_Updates1_042009

839. Re: [pfr3_group] Keyer wiring

Yahoo group: pfr3_group
Date: 2009-04-04 17:53:08 UTC
From: Chris Herd
Topic: 837 Message: 839

Dale Putnam wrote:
>
> Hi Stew,
> I had a reversed paddle, for a bit, but a short trip around the
> soldering iron, and a pair of
> long nose pliers... (had the wires reversed) going to the paddle.
> Well..... you see... I had a 50-50 chance right? *G*
> About the low output, does it tune into a 50 ohm dummy load,
> correctly? I mean with two peaks of power? Or does it appear to reach
> for the peak then drop off... not tuning through the peak, just
> approaching it? Counting turns on toroids is a challange... I found,
> that I really don't like to wind toroids after midnight... soldering
> is ok... but not counting winding...*G*
>
> Good luck...
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
> ---
> To: pfr3_group@yahoogroups.com
> From: ke4yh@...
> Date: Sat, 4 Apr 2009 12:12:30 -0400
> Subject: [pfr3_group] Keyer wiring
>
> I know the PFR3 paddle jack is supposed to be wired for the tip=dit
> ring=dah. For some reason mine came out just the opposite. Isn't that a
> function of the chip programing?
> I'm still fighting low output on 40 and 30 meters and have pulled out L9
> and L11 to rewind them; already did L8. This has been giving me fits and
> I had to walk away for while.
> 72
> Stew ke4yh
>
>
>
> ---
> Rediscover Hotmail?: Get quick friend updates right in your inbox.
> Check it out.
>
<http://windowslive.com/RediscoverHotmail?ocid=TXT_TAGLM_WL_HM_Rediscover_Updates1_042009>
>
>

Hi Guys

I am on in years, but a trick I learned from somewhere in the net is to digitally photograph a toroid with windings. Then enlarge it on my pc, then print,then count.

Counting the windings on a toroid that is A4 or letter sized is a cinch.

Have fun.

840. Re: [pfr3_group] Keyer wiring

Yahoo group: pfr3_group
Date: 2009-04-04 18:53:29 UTC
From: Stewart Whitehouse
Topic: 837 Message: 840

On Sun, 2009-04-05 at 03:53 +1000, Chris Herd wrote:
> Dale Putnam wrote:
> >
> > Hi Stew,
> > I had a reversed paddle, for a bit, but a short trip around the
> > soldering iron, and a pair of
> > long nose pliers... (had the wires reversed) going to the paddle.
> > Well..... you see... I had a 50-50 chance right? *G*

I'm using my vibroplex paddles and I know it is wired correctly.

> > About the low output, does it tune into a 50 ohm dummy load,
> > correctly? I mean with two peaks of power? Or does it appear to
> reach
> > for the peak then drop off...

I think you're talking about tuning through the built-in tuner. I'm
using the coax output to a dummy load through a WM2 watt meter. Getting
2 watts on 40, 3 watts on 30 and 4.5 watts on 20.

> not tuning through the peak, just
> > approaching it? Counting turns on toroids is a challange... I
> found,
> > that I really don't like to wind toroids after midnight...
> soldering
> > is ok... but not counting winding...*G*

Turns count is correct but power is falling off in the lpf. Have good DC
path but not RF.

> >
> > Good luck...
> >
> > --... ...-- Dale - WC7S in Wy
> >
> >
> >
> >
> > ---
> > To: pfr3_group@yahoogroups.com
> > From: ke4yh@...
> > Date: Sat, 4 Apr 2009 12:12:30 -0400
> > Subject: [pfr3_group] Keyer wiring
> >
> > I know the PFR3 paddle jack is supposed to be wired for the tip=dit
> > ring=dah. For some reason mine came out just the opposite. Isn't

> that a
> > function of the chip programing?
> > I'm still fighting low output on 40 and 30 meters and have pulled
> out L9
> > and L11 to rewind them; already did L8. This has been giving me fits
> and
> > I had to walk away for while.
> > 72
> > Stew ke4yh
> >
> >
> >
> > ---
> > Rediscover Hotmail®: Get quick friend updates right in your inbox.
> > Check it out.
> >
>
<http://windowslive.com/RediscoverHotmail?ocid=TXT_TAGLM_WL_HM_Rediscover_Updates1_042009>
> >
> >
> Hi Guys
>
> I am on in years, but a trick I learned from somewhere in the net is
> to
> digitally photograph a toroid with windings. Then enlarge it on my
> pc,
> then print,then count.
>
> Counting the windings on a toroid that is A4 or letter sized is a
> cinch.
>
> Have fun.
>
I'll remember this trick. Thanks.

>

841. Magnet wire and washers revisited

Yahoo group: pfr3_group
Date: 2009-04-05 23:20:55 UTC
From: John Parnell
Topic: 841 Message: 841

I successfully did the first assembly group and passed the smoke test. I am now working on Group 2.

Erring on the side of being OCD, I am holding up work on the bottom of the board til I find out about these items:

- the correct size of magnet wire to be used on L1 and T1 (as per pg 7 of the manual). I have only two hanks of magnet wire: red and green. I suspect that the red wire I have is #30 and that the green wire I have is #24 - the missing THIRD batch of magnet wire is either #28 or #30... looking at dl3bqd's photo of t1, I see his #30 is red.. but I don't want to make any assumptions that mine is the same.

I also noted (in msgs 800, 801,804) that there is the possibility of needing to use the nylon washers for the varicaps. No one weighed in on the question of whether or not the nylon washers are for the varicaps or what their purpose is in the rig, if not the varicaps. I did a search of the pdf manual and the "Nylon" is mentioned only in the parts list (and in ref to the tuning knob spacers)...

I have a email query out to steve, if any of you have any clues/suggetions as to the above items, let me know.

btw: a bit of "humor": at my first attempt at the smoke test, nothing happened when I hooked up a 9 v bat and flicked the pwr switch: my heart sank as I pondered what to do next... then I noted that U6 was EMPTY!! I plugged in the processor and all was well... I bet I am not the only one to do this...hi hi..

I AM having fun and not in a hurry,; it will be a month or two before the mud dries on the trails here in Wa state...

-john / k7hv

842. Re: [pfr3_group] Magnet wire and washers revisited

Yahoo group: pfr3_group
Date: 2009-04-05 23:43:10 UTC
From: Stewart Whitehouse
Topic: 841 Message: 842

> .
>
> I also noted (in msgs 800, 801,804) that there is the possibility of
> needing to use the nylon washers for the varicaps. No one weighed in
> on the question of whether or not the nylon washers are for the
> varicaps or what their purpose is in the rig, if not the varicaps. I
> did a search of the pdf manual and the "Nylon" is mentioned only in
> the parts list (and in ref to the tuning knob spacers)...
>
Hi John,
I never got the nylon washers and several inquires to Doug haven't brought any response as to what they are for. I used the thin metal flat washers to mount the varicaps and they worked fine. I understand, from others, that the nylon washers are too thick to use for that purpose. Bill, KF8GE, and I are having fits with the Low Pass Filters and it seems the inductance values are too high. I am waiting for information on what the design values are and rewind them accordingly. For instance 15 windings on a T37-2 core (L11) should be about 1uh but I am measuring 1.6uh. Bill has reduced the number of turns on L8 and L9 and is now getting close to the correct power out on 40 meters. I wonder if some of the cores were mismarked.
72
Stew ke4yh

>

843. Re: [pfr3_group] Magnet wire and washers revisited

Yahoo group: pfr3_group
Date: 2009-04-06 00:28:48 UTC
From: w2bpi1@aol.com
Topic: 841 Message: 843

I built my kit when they first came out using the on line manual Rev B.2
dated 6/10/08. I had no problems building with these instructions. Call or
e-mail Doug and he will send you the wire you are missing. See my notes below. 72
Geo/W2BPI

> I also noted (in msgs 800, 801,804) that there is the possibility of
> needing to use the nylon washers for the varicaps. No one weighed in
> on the question of whether or not the nylon washers are for the
> varicaps or what their purpose is in the rig, if not the varicaps. I
> did a search of the pdf manual and the "Nylon" is mentioned only in
> the parts list (and in ref to the tuning knob spacers)...
>

I used nylon washers on the varicaps.

Hi John,
I never got the nylon washers and several inquires to Doug haven't
brought any response as to what they are for. I used the thin metal flat
washers to mount the varicaps and they worked fine. I understand, from
others, that the nylon washers are too thick to use for that purpose.
Bill, KF8GE, and I are having fits with the Low Pass Filters and it
seems the inductance values are too high. I am waiting for information
on what the design values are and rewind them accordingly. For instance
15 windings on a T37-2 core (L11) should be about 1uh but I am measuring
1.6uh. Bill has reduced the number of turns on L8 and L9 and is now
getting close to the correct power out on 40 meters. I wonder if some of
the cores were mismarked.
72
Stew ke4yh
Are you sure you are counting the turns correctly? See the note in red on
page 11 of the manual.
>

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steps!
(http://pr.atwola.com/promoclk/100126575x1220572833x1201387477/aol?redir=http:%2F%2Fwww.fr
eecreditreport.com%2Fpm%2Fdefault.aspx%3Fsc%3D668072%26hmpgID
%3D62%26bcd%3DAprilfooterNO62)

844. Re: Magnet wire and washers revisited

Yahoo group: pfr3_group
Date: 2009-04-06 16:04:26 UTC
From: John Parnell
Topic: 841 Message: 844

Hi- I received a prompt reply from Doug on my questions:

- there ARE indeed 3 different thicknesses of magnet wire - he is sending me the missing wire (I only had the red and green)

-The 6 flat metal flat washers are to be used in the place of the nylon washers on the varicaps.

A cautionary bit of advice: I tried to pull one of the small caps out of the paper tape and managed to tear the wire off: the cap came off but the wire stayed put :) . Doug is graciously replacing one-legged cap and offers this hint: to snip the cap wires at the top of the tape - there is plenty left for fitting and soldering.

I am taking this as an indicator that it is best (for me) to do my building in 2-3 hour chunks vs a marathon session...

thanks for the replies!

-jp

--- In pfr3_group@yahoogroups.com, Stewart Whitehouse <ke4yh@...> wrote:
>
>
> > .
> >
> > I also noted (in msgs 800, 801,804) that there is the possibility of
> > needing to use the nylon washers for the varicaps. No one weighed in
> > on the question of whether or not the nylon washers are for the
> > varicaps or what their purpose is in the rig, if not the varicaps. I
> > did a search of the pdf manual and the "Nylon" is mentioned only in
> > the parts list (and in ref to the tuning knob spacers)...
> >
> Hi John,
> I never got the nylon washers and several inquires to Doug haven't
> brought any response as to what they are for. I used the thin metal flat
> washers to mount the varicaps and they worked fine. I understand, from
> others, that the nylon washers are too thick to use for that purpose.
> Bill, KF8GE, and I are having fits with the Low Pass Filters and it
> seems the inductance values are too high. I am waiting for information
> on what the design values are and rewind them accordingly. For instance
> 15 windings on a T37-2 core (L11) should be about 1uh but I am measuring
> 1.6uh. Bill has reduced the number of turns on L8 and L9 and is now
> getting close to the correct power out on 40 meters. I wonder if some of
> the cores were mismarked.
> 72
> Stew ke4yh
>

>
> >
>

845. Re: magnet wire supplied

Yahoo group: pfr3_group
Date: 2009-04-06 17:43:56 UTC
From: jtrenalone
Topic: 826 Message: 845

UPDATE:
I received an email message from Doug at Hendricks, and he indicate that the red wire would be fine for all of the cores except the big one.
>
> Joel
>

846. Re: magnet wire supplied

Yahoo group: pfr3_group
Date: 2009-04-06 18:36:03 UTC
From: John Parnell
Topic: 826 Message: 846

aha! Now I don't have an excuse to put off winding those little beggars... I kinda wondered if that was so: #28 and #30 is not that different...

--- In pfr3_group@yahoogroups.com, "jtrenalone" <jtrenalone@...> wrote:
>
> UPDATE:
> I received an email message from Doug at Hendricks, and he indicate that the red wire would be fine for all of the cores except the big one.
> >
> > Joel
> >
>

847. Re: magnet wire supplied

Yahoo group: pfr3_group
Date: 2009-04-08 04:28:15 UTC
From: John Parnell
Topic: 826 Message: 847

Joel - maybe you have run into this as well by now: I tried winding L-1 (40 turns of #30): 40 turns of the supplied red wire does NOT fit on the red toroid. I get up to 39 turns with the inner wire jammed tight all around the inner ring of the toroid. Even if I could cram it in, it certainly would not fit another 5 turns, as specified for T1... something is amiss - I will wait to see what Doug sends...

-k7hv

--- In pfr3_group@yahoogroups.com, "jtrenalone" <jtrenalone@...> wrote:
>
> UPDATE:
> I received an email message from Doug at Hendricks, and he indicate that the red wire would be fine for all of the cores except the big one.
> >
> > Joel
> >
>

848. For sale

Yahoo group: pfr3_group
Date: 2009-04-08 16:52:49 UTC
From: w2bpi
Topic: 848 Message: 848

PFR3. $260.00 shipped. USA only. Latest updates done. Added cap and resistor to increase audio. Has the knurled screws for the case. Pay via Paypal. E-mail me off list. I also have this listed on other forums. 72 George/W2BPI

849. Re: For sale

Yahoo group: pfr3_group
Date: 2009-04-09 14:58:33 UTC
From: w2bpi
Topic: 848 Message: 849

THIS ITEM HAS BEEN SOLD

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
> PFR3. $260.00 shipped. USA only. Latest updates done. Added cap and resistor to increase audio. Has the knurled screws for the case. Pay via Paypal. E-mail me off list. I also have this listed on other forums. 72 George/W2BPI
>

850. Poly-varicap & Washers

Yahoo group: pfr3_group
Date: 2009-04-12 17:04:49 UTC
From: Steven
Topic: 850 Message: 850

Pardon my novice building skills. I am in the second stage of the build. On page 7 of the manual it calls for me to mount the Poly-varicap to C1/2. In red it tells me to use 2.5mm washers between board and cap. Where do I place the washers? Is this done prior to soldering the leads to the board? Thank you for your time.

Steve

851. Re: [pfr3_group] Poly-varicap & Washers

Yahoo group: pfr3_group
Date: 2009-04-12 17:22:27 UTC
From: MAXXOUT2@AOL.COM
Topic: 850 Message: 851

Steve,
I never saw the kit but I assume they go between the caps 2 mounting holes
so the 2 screws that hold it in place don't bottom out inside the cap and lets
the cap turn and not have those too small screws damage the stators inside.
BOB
AF2Q

In a message dated 4/12/2009 12:06:42 PM Central Standard Time,
hortonstevenr@... writes:

Pardon my novice building skills. I am in the second stage of the build.
On page 7 of the manual it calls for me to mount the Poly-varicap to C1/2.
In red it tells me to use 2.5mm washers between board and cap. Where do I
place the washers? Is this done prior to soldering the leads to the board?
Thank you for your time.

Steve

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eecreditreport.com%2Fpm%2Fdefault.aspx%3Fsc%3D668072%26hmpgID
%3D62%26bcd%3DAprilfooterNO62)

852. RE: [pfr3_group] Poly-varicap & Washers

Yahoo group: pfr3_group
Date: 2009-04-12 17:52:13 UTC
From: Dale Putnam
Topic: 850 Message: 852

Yes, place the washers, then solder, with a hot iron, and don't hold the iron on for very long.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: MAXXOUT2@...
Date: Sun, 12 Apr 2009 13:22:27 -0400
Subject: Re: [pfr3_group] Poly-varicap & Washers

Steve,
I never saw the kit but I assume they go between the caps 2 mounting holes so the 2 screws that hold it in place don't bottom out inside the cap and lets the cap turn and not have those too small screws damage the stators inside.
BOB
AF2Q

In a message dated 4/12/2009 12:06:42 PM Central Standard Time, hortonstevenr@... writes:
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Steve

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_____
Windows Live™: Keep your life in sync.
http://windowslive.com/explore?ocid=TXT_TAGLM_WL_allup_1a_explore_042009

853. PFR-3 is bench-tested & ready

Yahoo group: pfr3_group
Date: 2009-04-13 04:20:25 UTC
From: Charles R. Pfister
Topic: 853 Message: 853

Hello fellow PFR-3ers!

My PFR-3 is all together and bench-tested: I bought it at Dayton FDIM in 2008.

5 watts out on all bands. It was 5 watts right off the bat.
Sensitivity is good on all bands.

When first put on the bench, it did not work.
A few mintes of checking solder connections rooted out whatever problem there was.

Folks, I followed the latest Hendricks website version of the manual.
I sent in the early IC to be reprogrammed.
I did the wire jumper mod across an IC.

I had help on the toroid-winding (for speed, and ease of my limited and interrupted assembly time).

T-3 was built "by committee" to check and double-check the windings. It was the only toroid that had to be rewound, and this was done before it was installed.

>>The transceiver works as advertised!<<

Now for the real world test with antennas. A little later this week!

73, Charlie WD8AXB
Kalamazoo County, MI
>>Thanx to WD8AXA and KB8CRT

854. RE: [pfr3_group] PFR-3 is bench-tested & ready

Yahoo group: pfr3_group
Date: 2009-04-13 13:30:46 UTC
From: Paul Feltz
Topic: 853 Message: 854

Good Job Charlie and All!

I currently have my PFR-3 in Fairbanks, AK on a temporary job here. However, I have tried but hear little on the air and think that is because I am within a few miles of a 50,000 Watt AM transmitter tower. Noted when they are off the air, I hear signals again but not many. Past weekend, heard two Japanese and one Oregon stations on 40 M.

Paul WA0VDM/KL7

To: pfr3_group@yahoogroups.com
From: crp.wd8axb@...t
Date: Mon, 13 Apr 2009 04:20:25 +0000
Subject: [pfr3_group] PFR-3 is bench-tested & ready

Hello fellow PFR-3ers!

My PFR-3 is all together and bench-tested: I bought it at Dayton FDIM in 2008.

5 watts out on all bands. It was 5 watts right off the bat.
Sensitivity is good on all bands.

When first put on the bench, it did not work.
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Folks, I followed the latest Hendricks website version of the manual.
I sent in the early IC to be reprogrammed.
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>>The transceiver works as advertised!<<

Now for the real world test with antennas. A little later this week!

73, Charlie WD8AXB
Kalamazoo County, MI
>>Thanx to WD8AXA and KB8CRT

_____
Rediscover Hotmail®: Now available on your iPhone or BlackBerry
http://windowslive.com/RediscoverHotmail?ocid=TXT_TAGLM_WL_HM_Rediscover_Mobile1_042009

855. Winding T3

Yahoo group: pfr3_group
Date: 2009-04-13 23:38:06 UTC
From: billrpier
Topic: 855 Message: 855

Hey All,
When winding T3 it says to scrape away part of the insulation on turn six. What gets attached to this? Any other more detailed instructions for this winding would be greatly appreciated. Thanks in advance.
Bill

856. Re: [pfr3_group] Winding T3

Yahoo group: pfr3_group
Date: 2009-04-14 00:48:18 UTC
From: w2bpi1@aol.com
Topic: 855 Message: 856

As I remember you attache a 2" long wire to it. I think there was an error in the on line manual saying to attache the wire to turn eight. Someone correct me if I am Wrong! Geo/W2BPI

In a message dated 4/13/2009 20:10:33 Eastern Daylight Time, billrpier@... writes:

Hey All,
When winding T3 it says to scrape away part of the insulation on turn six. What gets attached to this? Any other more detailed instructions for this winding would be greatly appreciated. Thanks in advance.
Bill

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857. RE: [pfr3_group] Winding T3

Yahoo group: pfr3_group
Date: 2009-04-14 03:40:20 UTC
From: Owen Younger
Topic: 855 Message: 857

You discover later on that a 2 inch piece of wire goes there and is installed in the board. Its not extremely clear from the instructions, but when you're placing that huge torroid it will dawn on you that there is an unused hold on the outside of the board that the tap is supposed to go to.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of billrpier
Sent: Monday, April 13, 2009 6:38 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Winding T3

Hey All,
When winding T3 it says to scrape away part of the insulation on turn six. What gets attached to this? Any other more detailed instructions for this winding would be greatly appreciated. Thanks in advance.
Bill

858. T3

Yahoo group: pfr3_group
Date: 2009-04-14 22:45:35 UTC
From: bill rapier
Topic: 713 Message: 858

Does anyone have a good picture of a completed T3? Thanks.
Bill

859. Re: [pfr3_group] T3

Yahoo group: pfr3_group
Date: 2009-04-15 00:39:16 UTC
From: w2bpi1@aol.com
Topic: 713 Message: 859

You will find pictures of T3 in the picture section. There are some here:
_http://groups.yahoo.com/group/pfr3_group/photos/album/988821293/pic/820888258/view?picmode=&mode=tn&order=ordinal&start=21&count=20&dir=asc_
(http://groups.yahoo.com/group/pfr3_group/photos/album/988821293/pic/820888258/view?picmode=&mode=tn&order=ordinal&start=21&count=20&dir=asc)

Geo/W2BPI

In a message dated 4/14/2009 18:45:59 Eastern Daylight Time,
billrpier@... writes:

Does anyone have a good picture of a completed T3? Thanks.
Bill

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(http://pr.atwola.com/promoclk/100126575x1221421325x1201417411/aol?redir=http:%2F%2Fwww.freecreditreport.com%2Fpm%2Fdefault.aspx%3Fsc%3D668072%26hmpgID%3D62%26bcd%3DAprilAvgfooterNO62)

860. Re: group 5 T3 main winding wire size

Yahoo group: pfr3_group
Date: 2009-04-15 14:59:01 UTC
From: David J. Wilcox, DO
Topic: 526 Message: 860

What is the real wire size needed to make the T3 torroid? I see the manual says #24, I bought Doug's kit of toroids and some extra 106-2's and the wire in the kit is #28 and #30. Deiter has worked it out to be #21 - 21.

Any suggestions? I am winding a new replacement toroid so I can just swap the new one with the correct windings and compare how it works with the original one (I bought one of the first kits at FDIM last year).

Thanks,

Dave K8WPE

861. Final Notes

Yahoo group: pfr3_group
Date: 2009-04-15 17:16:04 UTC
From: John Parnell
Topic: 861 Message: 861

Hi - Since I found others construction "de-briefs" to be of of value when I was building, I thought I would weigh in with my experience.

- I use the "revision B-2 " found in the files section of this group, not the Hendricks www page. It has the most up to date info, including the repair of the circuit board defect...

- there was some confusion with the ID of the 68 pf cap: apparently the Blue and Yellow ones marked "680" are OK to use and are interchangeable - the manual said they were marked "68"

- My kit arrived with only #24 (green) and #28 (red) magnet wire. I tried winding the "40 turn+ 5 turn" toroid and saw that it wouldn't fit. I was able to find #30 at radio shack.

- Being a former shipyard welder from the vacuum tube generation, I erred on the side of MORE heat vs cold solder joints. I used a 35 watt iron and made sure that the solder melted before lifting back the tip. I had no cold jointsn nor did I fry anything...

- The Dreaded T3: I found the drawing somewhat cryptic/confusing, but eventually figured it out it DOES contain all the info needed - the simple version: The center tap (the 2 inch piece at turn 5 1/2) goes to the hole centered on the *outer* edge of the circle - starting at the edge of the board working towards the center, the shorter the wire, the closer to the edge, the first set of holes contain the short 1 turn, the second 3 turn (?) interweaved row goes to the second and the 6 (?)turns goes to the holes furthest from the edge. Ignore the holes marked "L", they are for the BLT output. The holes will NOT neatly line up and are tricky to tighten. Tinning is important for this thick stuff... I have not tested the above with an antenna yet, if it is not right I will post a correction

- My mistakes: doing the first smoke test without plugging in the IC (!)and checking the U8 voltages on the wrong pins: the manual has a diagram showing how to count the pins (counter clockwise from the pin marked with the dot).

-Also, I did not wind the 6 "L" coils tight enough to hold my adjustments to tweak the power output; I needed to wick the solder off one side grab the nub with small needlenose, yank tight and resolder. As per suggestions: I am also going to put a dab of glue to the cores to keep them tight to the board as they bounce down the trail...

Upon my first test, using a 12.9V gel cell, I had 5 watts on 40 and 30, 2 watts on 20. After fiddling with the 20 meter coils spacing a little, it went up to 4 watss, close enough for me... it goes into the case tonight and this weekend I will try out the BLT with a lightweight doublet and wire vertical/counterpoise...

Doug promptly answered my emails, and I was always able to reach him by via phone. He was very patient and helpful. Also, thanks to those who posted advice and photos.

73 de john, k7hv

862. Tuner question-

Yahoo group: pfr3_group
Date: 2009-04-17 05:03:39 UTC
From: John Parnell
Topic: 862 Message: 862

I finished the kit last night round midnight and put it on 10.110 Mhz using my LDG Z100 tuner. The first station I heard was JA7EYL - I called him and he copied me 329! Not bad for midnight on 30!

This evening I tested the built-in tuner. From what I can divine from the instructions and group chatter, the proper way to connect it to my shorty g5rv was to set the rear panel toggle to balanced line, set switches to BLT and LOW Z.

I was able to tune the point where the SWR LED was dark (the tuning was SHARP)on 30 and 20. I could not tune it on 40. Just out of curiosity, I inserted an SWR meter at the output of the radio when the dark lamp indicated a match - the reading was 3:1...

Does this indicate something amiss with the tuner? Or is my knuckle-dragging, non-engineer brain missing something obvious? Also, I noted postings referring to "Steves Mods" to the BLT; I could not find any details here on this, so I assume that the Rev B2 pg 14 was the kosher way to go with BLT, T3 etc (?)...

(The reality is that, in the field, I will be using a simple vertical wire & counterpoise and/or a some kind of tv twinlead fed zepp - I don't wanna carry 2 lbs of RG8 in my backpack - I will do a dry run with these antennas in a city park this weekend and hope for the best.)

Thanks for your help...

-de k7hv/john

863. Re:Tuner question-

Yahoo group: pfr3_group
Date: 2009-04-17 09:05:52 UTC
From: rkavampsev@aol.com
Topic: 862 Message: 863

Ahhh please remember that what the L.E.D. is telling you is that there is a good match between the BLT and the output stage in the radio not the match to the antenna.
if the L.E.D. cant be dimmed then the mismatch is to great for the capabilities of the BLT to match the antenna to the output stage of the PFR3. ie 3:1 or above. In the field you will have to at least use a realitively cut length of wire to achieve a better match so the LED will dim .
I normally have with me a 120 pf variable cap with fly leads about 3 inches long and i either clip it in series with the antenna wire or accross the output and tune it. I find that this will usuall help to match the antenna and get the LED to go out .
hope that helps
Roy
GM4VKI

864. Re: [pfr3_group] Tuner question-

Yahoo group: pfr3_group
Date: 2009-04-17 18:19:39 UTC
From: w2bpi1@aol.com
Topic: 862 Message: 864

The BLT tuner will not match everything you might want to use as a antenna. I found with mine it would load most things on 20/30, but not on 40 meters. I tried adding more capacity to the variable cap. This worked quite well on 40 but not 30/20. I was going to add a small switch to put the cap either in or out of the circuit. I no longer have the PFR3. I sold it so I could buy another kit. I added the cap to the one that is in series. (100mfd or more mica cap.) The Emtech ZM-2 and some other BLT tuners have this added feature making the tuner much more versatile. 72 Geo/W2BPI

George

In a message dated 4/17/2009 01:04:05 Eastern Daylight Time, jparnell@... writes:

I finished the kit last night round midnight and put it on 10.110 Mhz using my LDG Z100 tuner. The first station I heard was JA7EYL - I called him and he copied me 329! Not bad for midnight on 30!

This evening I tested the built-in tuner. From what I can divine from the instructions and group chatter, the proper way to connect it to my shorty g5rv was to set the rear panel toggle to balanced line, set switches to BLT and LOW Z.

I was able to tune the point where the SWR LED was dark (the tuning was SHARP)on 30 and 20. I could not tune it on 40. Just out of curiosity, I inserted an SWR meter at the output of the radio when the dark lamp indicated a match - the reading was 3:1...

Does this indicate something amiss with the tuner? Or is my knuckle-dragging, non-engineer brain missing something obvious? Also, I noted postings referring to "Steves Mods" to the BLT; I could not find any details here on this, so I assume that the Rev B2 pg 14 was the kosher way to go with BLT, T3 etc (?)...

(The reality is that, in the field, I will be using a simple vertical wire & counterpoise and/or a some kind of tv twinlead fed zepp - I don't wanna carry 2 lbs of RG8 in my backpack - I will do a dry run with these antennas in a city park this weekend and hope for the best.)

Thanks for your help...

-de k7hv/john

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865. Still fighting, sota long

Yahoo group: pfr3_group
Date: 2009-04-19 18:25:14 UTC
From: Stewart Whitehouse
Topic: 865 Message: 865

After countless hours of troubleshooting and running LTSpice models of the low pass filters, I'm still scratching my head. Today, after winding new L8 and L9's (again), I still only get 2 watts out on 40 meters. I'm now pretty sure the the Low Pass Filter section is not the problem. Spice models show they can be improved.

I noticed that when I touched my scope probe to TP1 the output jumped from 2 watts to 3.75 Watts!!! When I did this on 20 it blew a one amp fuse

I also notice the square wave at pin 1, 3 and 13 of U8 is not very square with rounded and distorted wave peaks but is the same shape on all bands. (Pin 3 is 6V on 20 and 5v on 40) The signal at the junction of C58 and C59 is clean on 20 meters but is dirty on 40 meters. It is almost like two signals very close in freq and the LPF takes out the stronger one, leaving me with two watts (3 watts on 30)

I would suspect the BS170's but why would they be ok on 20 meters but not on the lower bands?

Just what function does D7 (47V zener) have? Does it protect the BS170 from an over voltage situation. If so, would it be safe to lift one end to see what effect it has on signal distortion?

Any advice will be greatly appreciated. but, I don't need any more "count the turns and check the solder joints" advice.

72
Stew ke4yh

866. T3 Help needed

Yahoo group: pfr3_group
Date: 2009-04-20 00:25:33 UTC
From: Steven
Topic: 866 Message: 866

My novice building skills have me sitting here dumbfounded. I feel like I have wound T3 correctly but I am baffled at the instructions. I'm stuck due to a lack of experience.

On the 8th turn I am to crip the 2" piece of #24 wire and solder to it??? Am I supposed to scrape the 8th turn???

In the instructions it says to place the windings close together but EVERY picture I have seen of them shows 3/4 of the toroid being used.

I am so close to being complete that I can smell it but I am stuck in the mud on this one.

Steve

867. Re: [pfr3_group] T3 Help needed

Yahoo group: pfr3_group
Date: 2009-04-20 01:16:37 UTC
From: Mike Malone
Topic: 866 Message: 867

Yes, every soldered joint on T3 has to be tinned. That 8th turn will need
to be scraped, heat stripping probably wont work.
If you look at the BLT instruction manual on Doug's site you will find some
good photographs of how it is wound.

Mike KD5KXF

On Sun, Apr 19, 2009 at 7:25 PM, Steven <hortonstevenr@...> wrote:

>
>
> My novice building skills have me sitting here dumbfounded. I feel like I
> have wound T3 correctly but I am baffled at the instructions. I'm stuck due
> to a lack of experience.
>
> On the 8th turn I am to crip the 2" piece of #24 wire and solder to it???
> Am I supposed to scrape the 8th turn???
>
> In the instructions it says to place the windings close together but EVERY
> picture I have seen of them shows 3/4 of the toroid being used.
>
> I am so close to being complete that I can smell it but I am stuck in the
> mud on this one.
>
> Steve
>
>
>

868. Re: Tuner question-

Yahoo group: pfr3_group
Date: 2009-04-20 02:42:29 UTC
From: John Parnell
Topic: 862 Message: 868

Hi! - I had a very helpful email exchange with Steve, WB6TNL. In explaining the naure of the blt, he concluded with this suggestion for the ideal PFR antenna, worthy of sharing with the group:

"Regarding antennas: A Zepp is only a Zepp if it's a halfwave long wire end fed with a quarterwave matching section. Otherwise it's an end-fed random wire. Be that as it may, a 52-55' ft. end-fed is a good random length wire because it's not resonant at any of the three bands so the liklihood of the impedance being out of range of the BLT is reduced. I'd suggest using that and some quarterwave radials at the bands of interest. But that's me :-)."

I took his advice, went out to a park and tossed a line over a tree. I hauled up a 55 ft inverted-L wire with 3, (30/40/20) 1/4 wavelength counterpoises radiating out from the PFR. It worked like a champ. This antenna tuned EASILY on all bands and I worked stations all over the US, with much better reports than I had at home with my shorty G5RV. I have found my antenna. It was a case of "Solomon going to the Mountain": that is: it MUCH easier to make an antenna that works with the PFR as it is than it is to fiddle with the tuner, at least for me. I am now ready to hit the trail!

Thanks to all, I am good to go... 73 de k7hv/john

--- In pfr3_group@yahoogroups.com, "John Parnell" <jparnell@...> wrote:
>
> I finished the kit last night round midnight and put it on 10.110 Mhz using my LDG Z100 tuner. The first station I heard was JA7EYL - I called him and he copied me 329! Not bad for midnight on 30!
>
> This evening I tested the built-in tuner. From what I can divine from the instructions and group chatter, the proper way to connect it to my shorty g5rv was to set the rear panel toggle to balanced line, set switches to BLT and LOW Z.
>
> I was able to tune the point where the SWR LED was dark (the tuning was SHARP)on 30 and 20. I could not tune it on 40. Just out of curiosity, I inserted an SWR meter at the output of the radio when the dark lamp indicated a match - the reading was 3:1...
>
> Does this indicate something amiss with the tuner? Or is my knuckle-dragging, non-engineer brain missing something obvious? Also, I noted postings referring to "Steves Mods" to the BLT; I could not find any details here on this, so I assume that the Rev B2 pg 14 was the kosher way to go with BLT, T3 etc (?)...
>
> (The reality is that, in the field, I will be using a simple vertical wire & counterpoise and/or a some kind of tv twinlead fed zepp - I don't wanna carry 2 lbs of RG8 in my backpack - I will do a dry run with these antennas in a city park this weekend and hope for the best.)
>
> Thanks for your help...

>
> -de k7hv/john
>

869. Re:T3 Help needed

Yahoo group: pfr3_group
Date: 2009-04-20 08:26:52 UTC
From: rkavampsev@aol.com
Topic: 866 Message: 869

hi steve
when winding the 16 turns
cut the lenght of wire required and fold it in half, at the fold scrape of the insulation enamel and solder a pickup loop around the folded bit as the centre connextion . then wind 8 turns either side of centre around t3 each half going the opposite way around T3 from the centre.
the ends of the windings go into the appropriate holes and the centre wire goes ito it designated hole.
hope that helps.
73's
Roy
GM4VKI

870. Receive Insensitivity

Yahoo group: pfr3_group
Date: 2009-04-20 15:40:44 UTC
From: miles.anderson_k2cby
Topic: 870 Message: 870

I seem to have run into a problem that -- after reading the prior posts -- nobody else has encountered: The receive sensitivity is marginal at best.

The transceiver passed all the smoke tests, and the transmitter delivers a solid 5 watts on all three bands.

The receiver "works." That is, it tunes to the right frequency, and the BFO works as it should. The problem is that I can't get a decent audio level at inputs less than 50 to 75 microvolts. When connected to an antenna the signals are few and far between, and the ambient noise on 40M is "too low." The problem is present on all bands.

I at first suspected the input tuned circuit but I have more or less eliminated that. C76 tunes the input signal on all 3 bands, and I can tweak the signal on and off peak with both trimmers.

I have also checked the parts values and solder joints.

I've got quite an assortment of test equipment.

Does anybody have measurements of the signal levels at the inputs of U4, U3a, U3b (audio), U2 and the input of the crystal filter and the output of U1 (IF)? How about the oscillator signal and BFO levels at pin 6 of U1 and U2?

Miles, K2CBY

871. Re: [pfr3_group] Receive Insensitivity

Yahoo group: pfr3_group
Date: 2009-04-20 16:02:00 UTC
From: Mike Malone
Topic: 870 Message: 871

I would go back and look at T1. Be sure it is wound exactly as per the
manual.
I had to rewind mine and it fixed the problem. Sure sounds like the same
problem
I had.
Mike KD5KXF

On Mon, Apr 20, 2009 at 10:40 AM, miles.anderson_k2cby <
miles.anderson_k2cby@...> wrote:

>
>
> I seem to have run into a problem that -- after reading the prior posts --
> nobody else has encountered: The receive sensitivity is marginal at best.
>
> The transceiver passed all the smoke tests, and the transmitter delivers a
> solid 5 watts on all three bands.
>
> The receiver "works." That is, it tunes to the right frequency, and the BFO
> works as it should. The problem is that I can't get a decent audio level at
> inputs less than 50 to 75 microvolts. When connected to an antenna the
> signals are few and far between, and the ambient noise on 40M is "too low."
> The problem is present on all bands.
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> I at first suspected the input tuned circuit but I have more or less
> eliminated that. C76 tunes the input signal on all 3 bands, and I can tweak
> the signal on and off peak with both trimmers.
>
> I have also checked the parts values and solder joints.
>
> I've got quite an assortment of test equipment.
>
> Does anybody have measurements of the signal levels at the inputs of U4,
> U3a, U3b (audio), U2 and the input of the crystal filter and the output of
> U1 (IF)? How about the oscillator signal and BFO levels at pin 6 of U1 and
> U2?
>
> Miles, K2CBY
>
>
>

872. Re: Magnet wire and washers revisited

Yahoo group: pfr3_group
Date: 2009-04-20 22:03:21 UTC
From: lwwb100
Topic: 841 Message: 872

Doug sent me the missing parts I requested to mount the varicaps, but the replacements had the nylon washers too, which were too thick. I ended up using the thin metal washers which worked OK.

At one point I was up to 4 watts output on 40 meters, put the rig in the case and started making contacts with it. While testing it with my different portable antennas in the backyard, and watching the output on a field strength meter, all of a sudden, the output dropped off to nothing. After playing with it and not getting any output on any band, I ended up taking it out of the case and troubleshooting for several days. I finally found a stupid wiring error on my part, fixed it and was back in business, however, while I was back to 5 watts on 30 and 20 meters, I was back down to 2.5 watts on 40 meters. The next day, I replaced L8 and L9 with T37-43 toroids wound for 1.15 uH on L8 and 1.4 uH for L9. I checked the inductance with my MFJ 259B (sure wish I had an AADE capacitance /inductance meter, it's nexzt on my list of projects). After putting in the new toroids, output was still 2.5 watts. At that point I said "screw it" and mounted it back in the case. Since then, I've found I'm having problems going through the BLT and not getting normal output when going to my 40 meter vee/balanced feedline antenna. I'm going to play with that over the next few days and see what I can do about it, I sure hope I don't have to mess with T3.

Stew, since our problems on 40 meters are so similar and we received our kits the same week (same day, I think), I'm wondering if maybe some bad parts didn't work their way through the pipeline. If I ever get up the energy to pull it out of the case again, I'm thinking of replacing the BS170's and the FQPF7P06. I just don't think it's the LPF anymore, I've replaced every single component and checked every solder joint for continuiy.

> Bill, KF8GE, and I are having fits with the Low Pass Filters and it
> seems the inductance values are too high. I am waiting for information
> on what the design values are and rewind them accordingly. For instance
> 15 windings on a T37-2 core (L11) should be about 1uh but I am measuring
> 1.6uh. Bill has reduced the number of turns on L8 and L9 and is now
> getting close to the correct power out on 40 meters. I wonder if some of
> the cores were mismarked.
> 72
> Stew ke4yh

873. Re: Tuner question-

Yahoo group: pfr3_group
Date: 2009-04-20 23:00:30 UTC
From: jtrenalone
Topic: 862 Message: 873

This is help-full information, thank you. I am a bit of a novice with these little radios. I have completed the PRF-3, and want to make sure that my assumption is correct.

If the radio is fed with an antenna on the BNC, and the BLT/COAX switch is switched to COAX, then according to the schematic (if I am reading correct), the tuner is completely out of the loop, and the TUNE and LOAD knobs have no effect. The only configuration that the built in tuner can be used is when you feed off of the BLACK and RED balanced line lugs. This may be obvious, but not to me at first.

I feed my base radio with a simple loop antenna, and it feeds through the window from the ladder line to a coax BNC connector. I thought that I could tune this antenna with the PFR, but I can't as long as I use the BNC in.

If anyone can confirm my logic, it would ease my piece of mind :)
Thanks,
Joel

874. Re: Tuner question-

Yahoo group: pfr3_group
Date: 2009-04-21 01:26:54 UTC
From: lwwb100
Topic: 862 Message: 874

Thanks for this info, I had tried a random wire (probably around 55-60 feet) with one end thrown up into a tree last weekend and was pretty disappointed with the results. While it was a lot easier to hook up and tune compared to my other QRP rigs, thanks to the BLT and binding posts, not only did it seem to be pretty dead on receive, but transmitting seemed even worse (an S7 QRP station I answered said he couldn't pull me out after several tries). I'm heading out to Lowe's to get some 14 AWG for radials, and here's hoping I have a lot better luck with this type of antenna tomorrow night.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, "John Parnell" <jparnell@...> wrote:
>
>
> Hi! - I had a very helpful email exchange with Steve, WB6TNL. In explaining the naure of the blt, he concluded with this suggestion for the ideal PFR antenna, worthy of sharing with the group:
>
> "Regarding antennas: A Zepp is only a Zepp if it's a halfwave long wire end fed with a quarterwave matching section. Otherwise it's an end-fed random wire. Be that as it may, a 52-55' ft. end-fed is a good random length wire because it's not resonant at any of the three bands so the liklihood of the impedance being out of range of the BLT is reduced. I'd suggest using that and some quarterwave radials at the bands of interest. But that's me :-)."
>
> I took his advice, went out to a park and tossed a line over a tree. I hauled up a 55 ft inverted-L wire with 3, (30/40/20) 1/4 wavelength counterpoises radiating out from the PFR. It worked like a champ. This antenna tuned EASILY on all bands and I worked stations all over the US, with much better reports than I had at home with my shorty G5RV. I have found my antenna. It was a case of "Solomon going to the Mountain": that is: it MUCH easier to make an antenna that works with the PFR as it is than it is to fiddle with the tuner, at least for me. I am now ready to hit the trail!
>
> Thanks to all, I am good to go... 73 de k7hv/john
>
>

875. Re: Tuner question-

Yahoo group: pfr3_group
Date: 2009-04-21 10:14:40 UTC
From: lwwb100
Topic: 862 Message: 875

It's possible to use the BLT with the BNC connector, so you can use the tuner on your loop antenna.

Put the COAX/BLT switch in the BLT position and place the toggle switch on the back so the binding posts and BNC connector are connected. The signal is now going through the BLT and is available at both the binding posts or the BNC connector.

Bil, KF8GE

--- In pfr3_group@yahoogroups.com, "jtrenalone" <jtrenalone@...> wrote:
>
>
> This is help-full information, thank you. I am a bit of a novice with these little radios. I have completed the PRF-3, and want to make sure that my assumption is correct.
>
> If the radio is fed with an antenna on the BNC, and the BLT/COAX switch is switched to COAX, then according to the schematic (if I am reading correct), the tuner is completely out of the loop, and the TUNE and LOAD knobs have no effect. The only configuration that the built in tuner can be used is when you feed off of the BLACK and RED balanced line lugs. This may be obvious, but not to me at first.
>
> I feed my base radio with a simple loop antenna, and it feeds through the window from the ladder line to a coax BNC connector. I thought that I could tune this antenna with the PFR, but I can't as long as I use the BNC in.
>
> If anyone can confirm my logic, it would ease my piece of mind :)
> Thanks,
> Joel
>

876. QRP DXCC

Yahoo group: pfr3_group
Date: 2009-04-21 14:39:58 UTC
From: k2qpn
Topic: 876 Message: 876

Last night I worked Cyprus on 40m. That brought me to 100 countries worked with my PFR-3. I am applying for QRP DXCC/PFR-3. My country count is 31 on 20m, 24 on 30m, and 55 on 40m. My longest contact is with VQ9RD on 40m - 9397 miles. 1879 miles per watt. Not bad for a Little Yellow Box and a vertical.

73, Bob K2QPN

877. re: [pfr3_group] QRP DXCC

Yahoo group: pfr3_group
Date: 2009-04-21 15:11:50 UTC
From: Dean Davis
Topic: 876 Message: 877

Bob,

Do you mind if I put these comments on the Hendricks Website?

Normal
0

false
false
false

MicrosoftInternetExplorer4

Normal
0

false
false
false

MicrosoftInternetExplorer4

D2
Dean Davis (N7XG)

Alpine Software

www.alpineso ft.com

From: "k2qpn" <K2QPN@...>
Sent: Tuesday, April 21, 2009 8:08 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] QRP DXCC

Last night I worked Cyprus on 40m. That brought me to 100 countries
worked with my PFR-3. I am applying for QRP DXCC/PFR-3. My country
count is 31 on 20m, 24 on 30m, and 55 on 40m. My longest contact is
with VQ9RD on 40m - 9397 miles. 1879 miles per watt. Not bad for a
Little Yellow Box and a vertical.

73, Bob K2QPN

Yahoo! Groups Links

878. Re: [pfr3_group] QRP DXCC

Yahoo group: pfr3_group
Date: 2009-04-21 19:03:08 UTC
From: Joseph Feustle
Topic: 876 Message: 878

Hey, Bob.

Congratulations! That's a nice accomplishment.

73,
Joe, N8JF

On Apr 21, 2009, at 10:39 AM, k2qpn wrote:

>
>
> Last night I worked Cyprus on 40m. That brought me to 100 countries
> worked with my PFR-3. I am applying for QRP DXCC/PFR-3. My country
> count is 31 on 20m, 24 on 30m, and 55 on 40m. My longest contact is
> with VQ9RD on 40m - 9397 miles. 1879 miles per watt. Not bad for a
> Little Yellow Box and a vertical.
>
> 73, Bob K2QPN
>
>

879. Re: QRP DXCC

Yahoo group: pfr3_group
Date: 2009-04-21 21:56:07 UTC
From: T. J. Whatley
Topic: 876 Message: 879

--- In pfr3_group@yahoogroups.com, Joseph Feustle <jafeustle@...> wrote:
>
> Hey, Bob.
>
> Congratulations! That's a nice accomplishment.
>
> 73,
> Joe, N8JF
>
> On Apr 21, 2009, at 10:39 AM, k2qpn wrote:
>
> > >
> > >
> > > Last night I worked Cyprus on 40m. That brought me to 100 countries
> > > worked with my PFR-3. I am applying for QRP DXCC/PFR-3. My country
> > > count is 31 on 20m, 24 on 30m, and 55 on 40m. My longest contact is
> > > with VQ9RD on 40m - 9397 miles. 1879 miles per watt. Not bad for a
> > > Little Yellow Box and a vertical.
> > >
> > > 73, Bob K2QPN
> > >
> > >
>
Now that is first class QRP DX. Good for you BOB, I hope to do half as good , T. Bone KI4FD

880. VFO

Yahoo group: pfr3_group
Date: 2009-04-24 07:37:14 UTC
From: g4gsa
Topic: 880 Message: 880

Hi Guys
Is it possible to make the dds vfo tune in smaller steps ? I don't have any experience with dds vfo's so it may be a silly question.
73 de Pete.

881. Re: [pfr3_group] QRP DXCC

Yahoo group: pfr3_group
Date: 2009-04-21 16:28:21 UTC
From: Bob Nelson
Topic: 876 Message: 881

Sure. Go ahead.

73 (Best Regards),

Bob Nelson K2QPN
k2qpn@...
www.k2qpn.ham-radio-op.net (http://www.k2qpn.ham-radio-op.net)

Burlington County Radio Club
Frankford Radio Club

Dean Davis wrote:

Bob,

Do you mind if I put these comments on the Hendricks Website?

D2
Dean Davis (N7XG)
Alpine Software
www.alpineso (http://www.alpineso)ft.com

From: "k2qpn"
Sent: Tuesday, April 21, 2009 8:08 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] QRP DXCC

Last night I worked Cyprus on 40m. That brought me to 100 countries
worked with my PFR-3. I am applying for QRP DXCC/PFR-3. My country
count is 31 on 20m, 24 on 30m, and 55 on 40m. My longest contact is
with VQ9RD on 40m - 9397 miles. 1879 miles per watt. Not bad for a
Little Yellow Box and a vertical.

73, Bob K2QPN

Yahoo! Groups Links

<*> To visit your group on the web, go to:
http://groups.yahoo.com/group/pfr3_group/

<*> Your email settings:
Individual Email | Traditional

<*> To change settings online go to:
http://groups.yahoo.com/group/pfr3_group/join

(Yahoo! ID required)

<*> To change settings via email:
mailto:pfr3_group-digest@yahoogroups.com
mailto:pfr3_group-fullfeatured@yahoogroups.com

<*> To unsubscribe from this group, send an email to:
pfr3_group-unsubscribe@yahoogroups.com

<*> Your use of Yahoo! Groups is subject to:
http://docs.yahoo.com/info/terms/

882. Re: QRP DXCC

Yahoo group: pfr3_group
Date: 2009-04-26 16:20:50 UTC
From: querencias
Topic: 876 Message: 882

Very impressive ! What antenna did you use?

Grant

883. Track Connection Mod

Yahoo group: pfr3_group
Date: 2009-04-27 05:38:44 UTC
From: Jon - N7WNX
Topic: 883 Message: 883

I saw this mod in the B.2 manual. I haven't seen it mentioned on this board since June 2008. Is this mod still necessary in a kit newly purchased in 2009?

Also, are there any other modifications I should know about?

Thanks,

Jon

884. Re: Track Connection Mod

Yahoo group: pfr3_group
Date: 2009-04-28 09:22:00 UTC
From: lwwb100
Topic: 883 Message: 884

I received my PFR-3 in Early March and as of then, the track mod is still necessary.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, "Jon - N7WNX" <jon@...> wrote:
>
> I saw this mod in the B.2 manual. I haven't seen it mentioned
> on this board since June 2008. Is this mod still necessary in
> a kit newly purchased in 2009?
>
> Also, are there any other modifications I should know about?
>
> Thanks,
>
> Jon
>

885. T3/BLT/.Norcal Doublet

Yahoo group: pfr3_group
Date: 2009-04-29 15:34:23 UTC
From: Jon - N7WNX
Topic: 885 Message: 885

I'm about to wind T3 according to the B.2 manual.
I heard something about the BLT not being able to tune
the Norcal doublet on 40m (or some other band) and that
there is a mod to the T3 winding to make it do so.

Is this true, where can I find out about it?

Thanks,

Jon

886. Ready for final test

Yahoo group: pfr3_group
Date: 2009-04-30 00:39:44 UTC
From: Jon - N7WNX
Topic: 886 Message: 886

I'm ready for the final test. However,
on page 12 it says to set the trimmers on the
backs of the variable capacitors to be fully
"meshed." What does that mean?

Thanks,

Jon
W7VH

887. RE: [pfr3_group] Ready for final test

Yahoo group: pfr3_group
Date: 2009-04-30 00:44:54 UTC
From: Dale Putnam
Topic: 886 Message: 887

Hi Jon,

If you look at the trimmers, you will see what appears to be a full or nearly full circle of brass. When the trimmers are fully meshed, the rotor (part the turns) will be meshed, (like fingers together when your hands are folded) and form what looks like a half circle of brass. This condition allows the trimmers to provide the most capacity.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jon@...
Date: Thu, 30 Apr 2009 00:39:44 +0000
Subject: [pfr3_group] Ready for final test

I'm ready for the final test. However,
on page 12 it says to set the trimmers on the
backs of the variable capacitors to be fully
"meshed." What does that mean?

Thanks,

Jon
W7VH

_____
Rediscover Hotmail®: Get quick friend updates right in your inbox.
http://windowslive.com/RediscoverHotmail?ocid=TXT_TAGLM_WL_HM_Rediscover_Updates2_042009

888. New Product Announcement - PFR-3 Portable Paddle

Yahoo group: pfr3_group
Date: 2009-04-30 02:25:50 UTC
From: w5jhjerry
Topic: 888 Message: 888

All,

This is a new product announcement for a light weight, high quality, portable paddle. This paddle was designed to fit the Hendricks PFR-3 transceiver. However, it can also be used as a portable paddle for any radio. I have also designed a paddle to fit the Elecraft KX1. However, I am about 2 weeks from announcing that product. What makes this paddle special? First it is a small size but not too small! The base measures 2 inch x 3 inch. The base is black anodized aluminum. The front bracket (which fits the PFR-3) is also anodized aluminum. This keeps the weight down to 7.5 ounces for the entire paddle. The paddle arms, contact posts, tension bar, and posts are made of brass. All parts are machined on CNC milling machines. The heavier brass arms help prevent contact bounce. Most keyers are very forgiving of contact bounce but some of the high speed keyers are not forgiving at all. The arms ride on ball bearings just like the Black Widow paddle for a very smooth feel. In fact, this paddle shares many of the design concepts of the Black Widow. Because of the similarities, the new paddle has been named the Baby Black Widow. The contacts are the same silver plated screws as is used by the Black Widow.
Like its big brother, this paddle comes as a kit. However, since the base and bracket are anodized, there is less finishing to be done. I have tryed to hold costs down so that almost everyone can own one of these paddles. This paddle sells for $46.50 shipped in the USA with payment via paypal. I ship via 1st Class Mail. More information and ordering can be seen at:

http://www.w5jh.net/bbw_pfr3.htm

I thank you for your support.

73, Jerry W5JH

889. Finished PFR3, some questions about the BLT

Yahoo group: pfr3_group
Date: 2009-05-01 05:23:10 UTC
From: Jon - N7WNX
Topic: 889 Message: 889

I just finished my PFR3 and brought the output to 5w on
all bands by messing with L8,10,12.

I tried the BLT today with my Norcal doublet. I can
totally darken the LED on 20m. I can dim it on
40 and 30 but not make it go away.

When I switch to coax mode and go through an external tuner,
the LED still functions when I'm in "tune" mode.
It seems that, in this configuration, I have a pretty good,
but not perfect SWR when the LED is dimmed 1/2 way but not off.

Do you think that means that I have an OK swr on 40 and 30
when I'm using the BLT and the LED dims 1/2 way?

It sure seems like that might be the case.

Let me know what you think?

Thanks,

Jon
W7VH

890. Re:Finished PFR3, some questions about the BLT

Yahoo group: pfr3_group
Date: 2009-05-01 09:07:26 UTC
From: rkavampsev@aol.com
Topic: 889 Message: 890

Hi Jon yep i had the same problem . which ever varicon is at it full i can remember on mine i put 47 pf across it and that allowed me to tune to completely dark on the LED i soldered it across the back on the varicon leads. Anybody fancy a cross the pond try today say 1400z on 40metres 7030 as i will be trying a new verticle out on the beach at Troon on the West Of Scotland, QRS please as my CW is rubbish.

.

cheers roy
GM4VKI

891. Re: [pfr3_group] Re: QRP DXCC

Yahoo group: pfr3_group
Date: 2009-04-26 21:01:51 UTC
From: Bob Nelson
Topic: 876 Message: 891

The antenna is nothing fancy. It is a Hustler 5BTV with a 30 meter trap and 17 add on from DXengineering. It is ground mounted with 16 radials. A decent antenna, patience and perseverance is the trick. I setup a separate logging program just for QRP. Allowed me to check the DX spots against what I need for QRP.

73 (Best Regards),

Bob Nelson K2QPN
k2qpn@...
www.k2qpn.ham-radio-op.net (http://www.k2qpn.ham-radio-op.net)

Burlington County Radio Club
Frankford Radio Club

querencias wrote:

Very impressive ! What antenna did you use?

Grant

892. Re:Finished PFR3, some questions about the BLT

Yahoo group: pfr3_group
Date: 2009-05-01 16:54:07 UTC
From: Jon - N7WNX
Topic: 889 Message: 892

Thanks Roy,

Actually, it looks like on 40m, my "tune" varicon wants to
go a little bit lower (counterclockwise), on 30m,
my "load" varicon wants to go a little bit lower.
On 20m, my load varicon is maxed out (clockwise) but gets the LED
dimmer than any of the other settings. Sounds like
maybe a cap across the load varicon might help with
20m but might screw up 30m further.

Which of the pins on the varicon do you solder the
cap across? The outside ones or one outside one to the
center?

Also, given this situation, does anyone have any suggestions
about compressing or widening the turns on T3?

Thanks,

Jon
W7VH

--- In pfr3_group@yahoogroups.com, rkavampsev@... wrote:
>
> Hi Jon yep i had the same problem . which ever varicon is at it full i
> can remember on mine i put 47 pf across it and that allowed me to tune to
> completely dark on the LED i soldered it across the back on the varicon leads.
> Anybody fancy a cross the pond try today say 1400z on 40metres 7030 as i
> will be trying a new verticle out on the beach at Troon on the West Of
> Scotland, QRS please as my CW is rubbish.
>
> .
>
> cheers roy
> GM4VKI
>

893. Re:Finished PFR3, some questions about the BLT

Yahoo group: pfr3_group
Date: 2009-05-02 19:20:05 UTC
From: rkavampsev@aol.com
Topic: 889 Message: 893

Hi again Jon
if needed you solder from the centre pin to either of the outside pins depending on which section of the varican required padding .
If you are tryng to get less capacity in the varicon then im afraid that its a matter of opening out the turns on T1 or 2. Ive not tried this but you try fitting a brass slug inside T1 or 2 and see if that reduces the inductance, just a thought.
cheers
roy
GM4VKI

894. New Trouble With New PFR3

Yahoo group: pfr3_group
Date: 2009-05-03 04:09:38 UTC
From: Jon - N7WNX
Topic: 894 Message: 894

Everything was working pretty much as expected but somehow
now, with an antenna plugged into the BNC/Coax Jack,
I only hear signals when I have the coax/blt switch on
blt. Does anyone know what might be causing that?
It wasn't doing this before and I haven't changed anything.

Thanks,

Jon
W7VH

895. ACTIVITY

Yahoo group: pfr3_group
Date: 2009-05-03 10:46:06 UTC
From: merlinrail
Topic: 895 Message: 895

Hi all .
Im going to be on the usual freq +/- a few Kcs for the next few days with my PFR3 on holiday, signing G4VKI/A if anybody would like a call.
7030/10116/ and 14060 but most likely 10116.
73's all
Roy
GM4VKI

896. Re: New Trouble With New PFR3

Yahoo group: pfr3_group
Date: 2009-05-03 17:39:45 UTC
From: Jon - N7WNX
Topic: 894 Message: 896

I'm a bozo (but you probably already figured that out).
I had the coax/blt switch on blt and the antenna switch
on coax.

Anyway, after widening the turns on T3 and tweeking
the trims on the "tune" varicap, I am now able to
tune 30m and 40m perfectly (with my Norcal 44ft doublet).

When tuning 20m, the "tune" varicap is all the way up
and the "load" varicap is all the way down but this
dims the LED halfway which according to my QRP
wattmeter when doing it the other way via coax and an external
tuner, is still a decent SWR.

Sounds like this is about as good a result as anyone
is getting.

Great rx. The filter is the perfect width. I don't seem to
tune by anyone by mistake but still can deal with stations
pretty close together.

Thanks for all advise and help,

Jon
W7VH

--- In pfr3_group@yahoogroups.com, "Jon - N7WNX" <jon@...> wrote:
>
> Everything was working pretty much as expected but somehow
> now, with an antenna plugged into the BNC/Coax Jack,
> I only hear signals when I have the coax/blt switch on
> blt. Does anyone know what might be causing that?
> It wasn't doing this before and I haven't changed anything.
>
> Thanks,
>
> Jon
> W7VH
>

897. Re: New Trouble With New PFR3

Yahoo group: pfr3_group
Date: 2009-05-03 18:08:29 UTC
From: John Parnell
Topic: 894 Message: 897

> Anyway, after widening the turns on T3 and tweeking
> the trims on the "tune" varicap, I am now able to
> tune 30m and 40m perfectly (with my Norcal 44ft doublet).
>

When you say "widening", you mean merely separating the wire turns on T3 more with a screwdriver or some-such? If so, I will certainly try it!

898. Re: New Trouble With New PFR3

Yahoo group: pfr3_group
Date: 2009-05-04 00:06:34 UTC
From: Jon - N7WNX
Topic: 894 Message: 898

Hi John,

Yes, this seemed to help. I also do not believe now that
the LED has to go that dark to have an acceptable SWR.
When I use the coax settings and an external tuner but
switch to the tune mode, I can dim the LED halfway and have
an SWR of 1.5:1. I hope this translates to the BLT side of
things but there is no way of knowing.

--- In pfr3_group@yahoogroups.com, "John Parnell" <jparnell@...> wrote:
>
>
>
> > Anyway, after widening the turns on T3 and tweeking
> > the trims on the "tune" varicap, I am now able to
> > tune 30m and 40m perfectly (with my Norcal 44ft doublet).
> >
>
> When you say "widening", you mean merely separating the wire turns on T3 more with a screwdriver or some-such? If so, I will certainly try it!
>

899. DIP Meter Usage?

Yahoo group: pfr3_group
Date: 2009-05-04 00:25:20 UTC
From: Jon - N7WNX
Topic: 899 Message: 899

I just discovered I have a couple DIP meter coils for my
MFJ-259 analyzer. Would I be able to use this
to determine whether I'm getting my balanced antenna
in tune using the BLT? Would I place the DIP coil next to
T3 after tuning the best I can? The MFJ-66 manual doesn't
explain much.

Thanks,

Jon
W7VH

900. RE: [pfr3_group] Re: New Trouble With New PFR3

Yahoo group: pfr3_group
Date: 2009-05-04 04:03:26 UTC
From: Dale Putnam
Topic: 894 Message: 900

Hi Jon,

Sounds to me that you are liking the PRF3.. it is a cool rig.

Now, don't take what I want to ask as being outta line, k?

I know of a fellow that is looking for a 3B... if, IF... for some reason, you would be interested in that.. I would be happy to send along his name, you deal with him...

I keep building... no problem.

I am getting very close to starting yours too. I ran into a bit of a fuss with a couple switchs.. the tune up switch.. but it is getting sorted out.

Did you tell me what tin you wanted? I'll go back and check the emails.. Likely start making the tin in a day or so.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jon@...
Date: Sun, 3 May 2009 17:39:45 +0000
Subject: [pfr3_group] Re: New Trouble With New PFR3

I'm a bozo (but you probably already figured that out).
I had the coax/blt switch on blt and the antenna switch
on coax.

Anyway, after widening the turns on T3 and tweeking
the trims on the "tune" varicap, I am now able to
tune 30m and 40m perfectly (with my Norcal 44ft doublet).

When tuning 20m, the "tune" varicap is all the way up
and the "load" varicap is all the way down but this
dims the LED halfway which according to my QRP
wattmeter when doing it the other way via coax and an external
tuner, is still a decent SWR.

Sounds like this is about as good a result as anyone
is getting.

Great rx. The filter is the perfect width. I don't seem to
tune by anyone by mistake but still can deal with stations
pretty close together.

Thanks for all advise and help,

Jon
W7VH

--- In pfr3_group@yahoogroups.com, "Jon - N7WNX" <jon@...> wrote:
>
> Everything was working pretty much as expected but somehow
> now, with an antenna plugged into the BNC/Coax Jack,
> I only hear signals when I have the coax/blt switch on
> blt. Does anyone know what might be causing that?
> It wasn't doing this before and I haven't changed anything.
>
> Thanks,
>
> Jon
> W7VH
>

_____
Hotmail® has ever-growing storage! Don’t worry about storage limits.
http://windowslive.com/Tutorial/Hotmail/Storage?ocid=TXT_TAGLM_WL_HM_Tutorial_Storage1_052009

901. Re: VFO

Yahoo group: pfr3_group
Date: 2009-05-06 02:06:09 UTC
From: wb8yyy_curt
Topic: 880 Message: 901

Pete

it is not a silly question. if you research this particular vfo part, you can find its minimum step size. however, note something has to create a digital word to command the DDS -- and that would be the limit in the PFR3.

i have not studied the pfr3 dds in detail, but if you sniff it with an external counter you can see what is going on. you may find for example that the step size may be a little smaller than the display.

and also note the RIT mode gives extra resolution! so unless you want to zero beat to extreme percision -- you may find RIT tuning sufficient.

if you want to experiment more with DDS's -- i suspect a few QRP clubs etc may still offer a circuit board that can be controlled from a pc.

73 curt

--- In pfr3_group@yahoogroups.com, "g4gsa" <Pete@...> wrote:
>
> Hi Guys
> Is it possible to make the dds vfo tune in smaller steps ? I don't have any experience with dds vfo's so it may be a silly question.
> 73 de Pete.
>

902. Re: [pfr3_group] Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-05-06 14:01:23 UTC
From: Marc G0AZS
Topic: 520 Message: 902

Hi Jos et al

Has anyone seen any sign of the thumbscrews in Europe? I hoped to have them now since they were to be shipped by Doug back at the end of January.

I'm still happy to pay or cover cost of postage but not I'm not sure who to chase now.

73 Marc G0AZS

2009/1/28 Warnier jos <on6wj@skynet.be>

> Hi Doug,
> no problem at all for the delay,
> due pc crash here have lost all data ,yes... no back-up ;-)
> for the moment I have only these names&addresses of
> DL2BQD, Dieter
> OE6WTD,Dieter
> G0AZS,Marc
> but I think there will be other OM's interested
> (as I do)
> as written before , to make life a bit easyer for You , gladly will
> distribute these sets of screws to the EU-PFR-fraternity
> (but do not have an idea how many of these yellow boxes crossed the
> pond)
> (again: no financial interests here , cost of postage will be only
> the effective charges :+/- 0,50 Euro !)
> best 73's
>
> My address:(qrz.com)
>
> ON6WJ
> Warnier Jos
> Kalendijk 28
> B-9200 Dendermonde
> Belgium
> e-mail: on6wj@... <on6wj%40skynet.be>
>
>
>

903. Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-05-07 08:31:51 UTC
From: rkavampsev@aol.com
Topic: 520 Message: 903

Hmmmmm as they say. This is one problem ive found with the PFR3 I Ibuilt mine and fitted the supplied battery pack used it with duracell batteries and they lasted about 4-5 hours use. Then got the screw driver out to replace them but in the meantime in Lidl super market found some NIMH battery at 2.5 amp AA size very cheap. However you need 10 to make up 12 volts so bought a double aa holder and stuck it on the outside with double sided tape and drilled a hole in the end plate which is part of the bottom and therefore comes away with the battery pack on unscrewing the bottom plate wired an 2.5mm jack from the battery pack so it plugs into the normal external supply socket and i havent had to change batteries now for over a year . Just unplug the lead from the battery pack, plug it into the charger and away we go . no batteries to buy and no unscrewing of the battery chassis.
I have fitted an external inline fuse with the battery fly lead just in case. (750milliamp)
So i would recommend doing this small mod instead of buying dry batteries all the time .
You can always fitt dry celll into the inside if you want and just short out the external battery container with a fly lead if nccessary should you not be able to charge the normal pack.
Now whilst im on i have been doing some checks of the tracking of the receiver front end and with the coils as described it is not that good .
I have removed the varicap and fitted trimmers which are switched into circiut with a three way switch in the hole for the varicon and trimmed each band to the main qrp frequency .
As doug says i can now get a good 0.2 uv sensitivity within +/- about 20 kcs of tuning which is all i want
cheers all and 73's
GM4VKI
Roy

904. Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-05-07 08:53:31 UTC
From: Warnier jos
Topic: 520 Message: 904

Hi Marc (and all)

sorri to tell You ,but NOTHING arrived here in Belgium!
as did not heard any sign of Doug, guess the screws are not posted yet...

best 73's to all
jos
on6wj

--- In pfr3_group@yahoogroups.com, Marc G0AZS <marc.g0azs@...> wrote:
>
> Hi Jos et al
>
> Has anyone seen any sign of the thumbscrews in Europe? I hoped to have them
> now since they were to be shipped by Doug back at the end of January.
>
> I'm still happy to pay or cover cost of postage but not I'm not sure who to
> chase now.
>
> 73 Marc G0AZS
>
>
> 2009/1/28 Warnier jos <on6wj@...>
>

905. Re: [pfr3_group] Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-05-07 17:11:12 UTC
From: ki6ds@dospalos.org
Topic: 520 Message: 905

I posted the screws several months ago. Have no idea what happened.
Warner, please send me your address and I will ship another batch. Doug

> Hi Marc (and all)
>
> sorri to tell You ,but NOTHING arrived here in Belgium!
> as did not heard any sign of Doug, guess the screws are not posted yet...
>
> best 73's to all
> jos
> on6wj
>
>
> --- In pfr3_group@yahoogroups.com, Marc G0AZS <marc.g0azs@...> wrote:
>>
>> Hi Jos et al
>>
>> Has anyone seen any sign of the thumbscrews in Europe? I hoped to have
>> them
>> now since they were to be shipped by Doug back at the end of January.
>>
>> I'm still happy to pay or cover cost of postage but not I'm not sure who
>> to
>> chase now.
>>
>> 73 Marc G0AZS
>>
>>
>> 2009/1/28 Warnier jos <on6wj@...>
>>
>
>
>

906. Re: [pfr3_group] Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-05-07 17:29:46 UTC
From: Marc G0AZS
Topic: 520 Message: 906

Thanks Doug. I look forward to getting them (via Jos). It'll make the
battery changing much more straightforward.

73 Marc G0AZS

2009/5/7 <ki6ds@...>

>
>
> I posted the screws several months ago. Have no idea what happened.
> Warner, please send me your address and I will ship another batch. Doug
>
>
> > Hi Marc (and all)
> >
> > sorri to tell You ,but NOTHING arrived here in Belgium!
> > as did not heard any sign of Doug, guess the screws are not posted yet...
> >
> > best 73's to all
> > jos
> > on6wj
> >
> >
> > --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com>, Marc
> G0AZS <marc.g0azs@...> wrote:
> >>
> >> Hi Jos et al
> >>
> >> Has anyone seen any sign of the thumbscrews in Europe? I hoped to have
> >> them
> >> now since they were to be shipped by Doug back at the end of January.
> >>
> >> I'm still happy to pay or cover cost of postage but not I'm not sure who
> >> to
> >> chase now.
> >>
> >> 73 Marc G0AZS
> >>
> >>
> >> 2009/1/28 Warnier jos <on6wj@...>
> >>
> >
> >
> >
>
>

>

907. Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-05-08 08:33:20 UTC
From: Warnier jos
Topic: 520 Message: 907

Doug, I am very very sorri to write this ,
but please note: NOTHING received here from You !!

my address
WARNIER JOS, ON6WJ
KALENDIJK 28
B-9200 DENDERMONDE
BELGIUM
e-mail:on6wj@...

pse
-can You give a sign when parcel is posted ?
-I will certainly confirm (on the forum) ,letting known everything is received in good order.

thank You very much

best 72&73's to all
jos
on6wj

--- In pfr3_group@yahoogroups.com, ki6ds@... wrote:
>
> I posted the screws several months ago. Have no idea what happened.
> Warner, please send me your address and I will ship another batch. Doug
>

908. Another happy user...

Yahoo group: pfr3_group
Date: 2009-05-09 16:51:12 UTC
From: poeli111
Topic: 908 Message: 908

Hi folks,

just finished building my new "yellow fellow" PFR-3! The kit was almost complete, 2 resistors 330k and the swr indicator LED were missing but easily found in the junk box. In opposite, all 3 sizes of magnet wire were supplied. Wow!

Building and calibrating the kit went fine without problems, the pics of the toroids in the photo section helped a lot. With the low pass filter L´s wound quite tight and evenly spaced I instantly got between 5 and 5.4 watts out, so no further adjustment required.

I did the audio mod with a 2.2 µF tantalum cap between pins 1 and 8 of the audio amp, and damped down the side tone with a 150 pF capacitor between the C27/R14 junction and ground. With a cap, the side tone sound is not so harsh anymore.

As well, I included a battery monitor with a LED and a test pushbutton on the rear side: A transistor turns the LED on when the supply voltage (decreased by 2 zener diodes of 5.1 volts each) is still above 0.7 volts. The parts are wired "manhattan style".

Best 73 and thanks to the group de Christian DL1ELU

909. My Baby Black Widow paddle

Yahoo group: pfr3_group
Date: 2009-05-10 02:21:50 UTC
From: Paul Smith
Topic: 909 Message: 909

The mail man delivered my paddle kit this afternoon. I polished it up sprayed some laquer on the brass pieces and it is nicely hanging on the front of my PFR 3. If you have not seen them go to this link and have a look. Cool little paddle and hangs real pretty on the front, PRETTY RED screws too!de Paul N0NBD

910. Re: [pfr3_group] My Baby Black Widow paddle

Yahoo group: pfr3_group
Date: 2009-05-10 15:24:23 UTC
From: Mike Malone
Topic: 909 Message: 910

I am finishing mine now and taking it to FDIM. These paddle kits are probably one of the best deals in ham radio these days. I still use my AZ Sqrpions paddle in the car for mobile... serious miles per dollar on his stuff. Find me at show and tell at FDIM and play with it.

Mike Malone KD5KXF

On Sat, May 9, 2009 at 9:21 PM, Paul Smith <psmith61@...> wrote:

>
>
> The mail man delivered my paddle kit this afternoon. I polished it up
> sprayed some laquer on the brass pieces and it is nicely hanging on the
> front of my PFR 3. If you have not seen them go to this link and have a
> look. Cool little paddle and hangs real pretty on the front, PRETTY RED
> screws too!de Paul N0NBD
>
>
>

911. Re: [pfr3_group] My Baby Black Widow paddle

Yahoo group: pfr3_group
Date: 2009-05-10 16:50:11 UTC
From: Gary W. Marklund
Topic: 909 Message: 911

I've just built a Scorpion, Black Widow and a Baby Black Widow. These are fine quality paddles. Now I'm just waiting for my PFR-3. Ordered it 10 days ago.

Gary
KJ7RT

912. Re:Another happy user...

Yahoo group: pfr3_group
Date: 2009-05-10 18:47:34 UTC
From: rkavampsev@aol.com
Topic: 908 Message: 912

lucky you, i expect mine in about 6 months being in the far flug corners ie Scotland .
What does it feel like ?????

cheers
roy
GM4VKI

913. Sorry abt the missing link!

Yahoo group: pfr3_group
Date: 2009-05-10 19:09:17 UTC
From: Paul Smith
Topic: 913 Message: 913

I was so excited I forgot the CTRL C to put in the link... HERE IS THE LINK:
http://www.w5jh.net/BBW_PFR3.htm
I think it is a cool paddle. Mine is clicky and I love it. I also have a AZ paddle number 250 that is always in my go bag. I love it too. Next purchase is the full size black widow. OH I will get the holes drilled and tapped tomorrow for my KEnt paddle but the red oblong finger pieces look like a fine fit. de Paul N0NBD

914. Re:Another happy user...

Yahoo group: pfr3_group
Date: 2009-05-12 07:14:14 UTC
From: poeli111
Topic: 908 Message: 914

Hello Roy,

it is really nice and a real "take away" radio. Now I am looking for a tiny foldable magnetic loop to complete the set.

73 Christian

--- In pfr3_group@yahoogroups.com, rkavampsev@... wrote:
>
> lucky you, i expect mine in about 6 months being in the far flug corners ie
> Scotland .
> What does it feel like ?????
>
> cheers
> roy
> GM4VKI
>

915. Unfinished PFR-3

Yahoo group: pfr3_group
Date: 2009-05-17 01:04:18 UTC
From: fghester
Topic: 915 Message: 915

Greetings all. I have a PFR-3 which is completed through group 1 and smoke test is A-O.K. I am working 60 hours a week and just can't get it finished. I am also pretty intimidated by the complexity of correcting the circuit board error and getting the toroids right. I would pay a resonable amount if someone would be willing to finish the kit for me. Any interest? Please reply off list and thanks!

916. Unfinished PFR-3

Yahoo group: pfr3_group
Date: 2009-05-17 15:51:30 UTC
From: fghester
Topic: 915 Message: 916

Thanks to the several who responded. I have a taker and am grateful. I have been an amateur and a QRPer for 31 years. I continue to be humbled by the generosity and willingness of Hams to help fellow Hams. 73/72 to all!

917. For Sale: Un-built PFR-3 Transceiver Kit, Digital Dial Kit, Toroid Kit, Polyvaricon Caps

Yahoo group: pfr3_group
Date: 2009-05-19 23:01:02 UTC
From: Jeff T. Casey
Topic: 917 Message: 917

Hi gang,

I have for sale a not-yet-built PFR-3 transceiver kit that I won’t have the time to build/operate anytime soon. All parts are still sealed in the packages, just as they came from Doug Hendricks. The price is $140 including shipping within the continental U.S.

I also have for sale three additional Hendricks kits:
- a Digital Dial kit for $20
- a Toroid kit for $25
- a Polyvaricon Cap kit for $8

The price for the entire package, including the PFR-3 transceiver, Digital Dial, Toroids, and Polyvaricon Caps, is $175.

All prices include shipping within the continental U.S.

Payment by USPS money order only.

Thanks very much, 73 & 72,
Jeff
NE2J (formerly WB5GWB)

918. Re: [pfr3_group] For Sale: Un-built PFR-3 Transceiver Kit, Digital Dial Kit, Toroid Kit, Polyvaricon Caps

Yahoo group: pfr3_group
Date: 2009-05-20 00:18:51 UTC
From: Tim Dolan
Topic: 917 Message: 918

If still available, I would like to purchase the PFR3.

Thanks,

Tim, K6OM

--- On Tue, 5/19/09, Jeff T. Casey <ne2j@...> wrote:

> From: Jeff T. Casey <ne2j@...>
> Subject: [pfr3_group] For Sale: Un-built PFR-3 Transceiver Kit, Digital Dial Kit, Toroid Kit, Polyvaricon Caps
> To: pfr3_group@yahoogroups.com
> Date: Tuesday, May 19, 2009, 4:01 PM
> Hi gang,
>
> I have for sale a not-yet-built PFR-3 transceiver kit that
> I won't have the time to build/operate anytime soon. All
> parts are still sealed in the packages, just as they came
> from Doug Hendricks. The price is $140 including shipping
> within the continental U.S.
>
> I also have for sale three additional Hendricks kits:
> - a Digital Dial kit for $20
> - a Toroid kit for $25
> - a Polyvaricon Cap kit for $8
>
> The price for the entire package, including the PFR-3
> transceiver, Digital Dial, Toroids, and Polyvaricon Caps, is
> $175.
>
> All prices include shipping within the continental U.S.
>
> Payment by USPS money order only.
>
> Thanks very much, 73 & 72,
> Jeff
> NE2J (formerly WB5GWB)

919. Re: [pfr3_group] SOLD: Un-built PFR-3 Transceiver Kit, Digital Dial Kit, Toroid Kit, Polyvaricon Caps

Yahoo group: pfr3_group
Date: 2009-05-24 16:19:56 UTC
From: Jeff T. Casey
Topic: 919 Message: 919

The PFR-3 kit and the other items that I advertised below have been sold.

Thanks & 72,
Jeff
NE2J (formerly WB5GWB)

--- On Tue, 5/19/09, Jeff T. Casey <ne2j@...> wrote:

From: Jeff T. Casey <ne2j@...>
Subject: [pfr3_group] For Sale: Un-built PFR-3 Transceiver Kit, Digital Dial Kit, Toroid Kit, Polyvaricon Caps
To: pfr3_group@yahoogroups.com
Date: Tuesday, May 19, 2009, 7:01 PM

Hi gang,

I have for sale a not-yet-built PFR-3 transceiver kit that I won't have the time to build/operate anytime soon. All parts are still sealed in the packages, just as they came from Doug Hendricks. The price is $140 including shipping within the continental U.S.

I also have for sale three additional Hendricks kits:
- a Digital Dial kit for $20
- a Toroid kit for $25
- a Polyvaricon Cap kit for $8

The price for the entire package, including the PFR-3 transceiver, Digital Dial, Toroids, and Polyvaricon Caps, is $175.

All prices include shipping within the continental U.S.

Payment by USPS money order only.

Thanks very much, 73 & 72,
Jeff
NE2J (formerly WB5GWB)

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 3
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to your groups.

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in 3 easy steps.
Connect with others.
..

920. Baby Black Widow!!!!

Yahoo group: pfr3_group
Date: 2009-05-25 13:36:45 UTC
From: Johnny Matlock
Topic: 920 Message: 920

Gm to all on the group:
I just finished my Baby Black Widow. If you haven't seen or tried this little paddle, it a great match for the PFR 3. Thanks Jerry W5JH for the nice kit with lots of fine detail in the machine work, NICE JOB!
HERE IS THE LINK: http://www.w5jh.net/BBW_PFR3.htm
72, 73 Hope to cu on the air soon.
De Johnny AC0BQ

921. Re: Baby Black Widow!!!!

Yahoo group: pfr3_group
Date: 2009-05-27 03:11:47 UTC
From: lwwb100
Topic: 920 Message: 921

I've been trying to hold off until my ham radio budget is balanced, but I can't stand it anymore! I just ordered a Baby Black Widow and can't wait for it to arrive.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, Johnny Matlock <jomatlock@...> wrote:
>
> Gm to all on the group:
> I just finished my Baby Black Widow. If you haven't seen or tried this
> little paddle, it a great match for the PFR 3. Thanks Jerry W5JH for
> the nice kit with lots of fine detail in the machine work, NICE JOB!
> HERE IS THE LINK: http://www.w5jh.net/BBW_PFR3.htm
> 72, 73 Hope to cu on the air soon.
> De Johnny AC0BQ
>

922. RE: [pfr3_group] Re: Baby Black Widow!!!!

Yahoo group: pfr3_group
Date: 2009-05-27 03:47:37 UTC
From: Jerry Haigwood
Topic: 920 Message: 922

Bill,

I saw your comments and went ahead and kitted s/n 38 for you. It will be in tomorrow's mail. You should see it Friday or Saturday.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of lwwb100
Sent: Tuesday, May 26, 2009 8:12 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Baby Black Widow!!!!

I've been trying to hold off until my ham radio budget is balanced, but I can't stand it anymore! I just ordered a Baby Black Widow and can't wait for it to arrive.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , Johnny Matlock <jomatlock@...> wrote:
>
> Gm to all on the group:
> I just finished my Baby Black Widow. If you haven't seen or tried this
> little paddle, it a great match for the PFR 3. Thanks Jerry W5JH for
> the nice kit with lots of fine detail in the machine work, NICE JOB!
> HERE IS THE LINK: http://www.w5jh.net/BBW_PFR3.htm
> 72, 73 Hope to cu on the air soon.
> De Johnny AC0BQ
>

923. RE: [pfr3_group] Re: Baby Black Widow!!!!

Yahoo group: pfr3_group
Date: 2009-05-28 00:32:29 UTC
From: Paul D. Smith
Topic: 920 Message: 923

I have had a couple weekends at the lake with my PFR-3 and Baby black widow. Not too many contacts but I enjoyed every one with my BBW # 17 de Paul N0NBD Great paddle tnx Jerry

-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Jerry Haigwood
Sent: Tuesday, May 26, 2009 10:48 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: Baby Black Widow!!!!

Bill,
I saw your comments and went ahead and kitted s/n 38 for you. It will be in tomorrow's mail. You should see it Friday or Saturday.
Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of lwwb100
Sent: Tuesday, May 26, 2009 8:12 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Baby Black Widow!!!!

I've been trying to hold off until my ham radio budget is balanced, but I can't stand it anymore! I just ordered a Baby Black Widow and can't wait for it to arrive.

Bill, KF8GE

--- In pfr3_group@yahoogro <mailto:pfr3_group%40yahoogroups.com> ups.com, Johnny Matlock <jomatlock@...> wrote:
>
> Gm to all on the group:
> I just finished my Baby Black Widow. If you haven't seen or tried this
> little paddle, it a great match for the PFR 3. Thanks Jerry W5JH for
> the nice kit with lots of fine detail in the machine work, NICE JOB!
> HERE IS THE LINK: http://www.w5jh. <http://www.w5jh.net/BBW_PFR3.htm> net/BBW_PFR3.htm
> 72, 73 Hope to cu on the air soon.
> De Johnny AC0BQ
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.339 / Virus Database: 270.12.41/2136 - Release Date: 05/26/09 20:20:00

924. Re: Baby Black Widow!!!!

Yahoo group: pfr3_group
Date: 2009-05-28 00:33:52 UTC
From: lwwb100
Topic: 920 Message: 924

Thanks, Jerry, I can't wait! I am really looking forward to it.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, "Jerry Haigwood" <jerry@...> wrote:
>
> Bill,
>
> I saw your comments and went ahead and kitted s/n 38 for you. It will
> be in tomorrow's mail. You should see it Friday or Saturday.
>
> Jerry W5JH
>
>
>
>
>

925. Re: [pfr3_group] Re: Waiting for "European knurled thumbscrews"

Yahoo group: pfr3_group
Date: 2009-05-29 20:07:18 UTC
From: Marc G0AZS
Topic: 520 Message: 925

Hi Doug

After speaking with Jos, I know that he has again not received any screws
from the shipment that you made made 3 weeks ago.

If there is a problem, please could you let us know the situation..

73 Marc G0AZS

2009/5/7 <ki6ds@...>

>
>
> I posted the screws several months ago. Have no idea what happened.
> Warner, please send me your address and I will ship another batch. Doug
>
> > Hi Marc (and all)
> >
> > sorri to tell You ,but NOTHING arrived here in Belgium!
> > as did not heard any sign of Doug, guess the screws are not posted yet...
> >
> > best 73's to all
> > jos
> > on6wj
> >
> >
> > --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com>, Marc
> G0AZS <marc.g0azs@...> wrote:
> >>
> >> Hi Jos et al
> >>
> >> Has anyone seen any sign of the thumbscrews in Europe? I hoped to have
> >> them
> >> now since they were to be shipped by Doug back at the end of January.
> >>
> >> I'm still happy to pay or cover cost of postage but not I'm not sure who
> >> to
> >> chase now.
> >>
> >> 73 Marc G0AZS
> >>
> >>
> >> 2009/1/28 Warnier jos <on6wj@...>
> >>
> >
> >

> >
>
>
>

926. C61 spec?

Yahoo group: pfr3_group
Date: 2009-05-30 23:16:51 UTC
From: Gary W. Marklund
Topic: 926 Message: 926

My PFR-3 kit is missing C61, 680 pfd (681, mono). I'm going to email Doug for a replacement, but does anyone know what additional info I need so I can try to get one locally at Fry's? Otherwise, my weekend fun just came to a screeching halt :-(.

Thanks and 73

Gary KJ7RT

927. RE: [pfr3_group] C61 spec?

Yahoo group: pfr3_group
Date: 2009-05-30 23:48:59 UTC
From: Ken Evans
Topic: 926 Message: 927

Gary,

You have all the info you need. Go to Frys as they will probably have it. Just tell them 680 pf mono capacitor. If there is a voltage rating it would be at most 50 volts.

If you cannot find one, you could still test the PFR out on 30 or 20 meters as C61 appears to be in the 40 M bpf.

Ken

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Gary W. Marklund
Sent: Saturday, May 30, 2009 19:17
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] C61 spec?

My PFR-3 kit is missing C61, 680 pfd (681, mono). I'm going to email Doug for a replacement, but does anyone know what additional info I need so I can try to get one locally at Fry's? Otherwise, my weekend fun just came to a screeching halt :-(.

Thanks and 73

Gary KJ7RT

928. Re: [pfr3_group] C61 spec?

Yahoo group: pfr3_group
Date: 2009-05-30 23:56:16 UTC
From: Gary W. Marklund
Topic: 926 Message: 928

Ken,

Thanks, that is just what I needed.

Gary

Ken Evans wrote:
>
>
> Gary,
>
>
>
> You have all the info you need. Go to Frys as they will probably have
> it. Just tell them 680 pf mono capacitor. If there is a voltage
> rating it would be at most 50 volts.
>
> If you cannot find one, you could still test the PFR out on 30 or 20
> meters as C61 appears to be in the 40 M bpf.
>
> Ken
>
>
>
> ---
>
> *From:* pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]
> *On Behalf Of *Gary W. Marklund
> *Sent:* Saturday, May 30, 2009 19:17
> *To:* pfr3_group@yahoogroups.com
> *Subject:* [pfr3_group] C61 spec?
>
>
>
>
>
>
>
> My PFR-3 kit is missing C61, 680 pfd (681, mono). I'm going to email
> Doug for a replacement, but does anyone know what additional info I need
> so I can try to get one locally at Fry's? Otherwise, my weekend fun just
> came to a screeching halt :-(.
>
> Thanks and 73
>
> Gary KJ7RT
>

>

929. PFR3 for sale

Yahoo group: pfr3_group
Date: 2009-06-02 18:38:17 UTC
From: boblusby
Topic: 929 Message: 929

For sale: PFR3 and paddle recently completed with low mileage (no QSOs). The internal battery case has not been installed in order for the new owner to incorporate one of the battery mods as part of the install. Likewise the paddle has not been built. Asking $235 shipped in the lower 48. This is the second PFR3 I have built and this one is all checked out and ready to go on the air. Reply off-list to k9foh@.... I can't get the picture attachment feature to work but will email pictures on request. Cheers, Bob.

www.k9foh.net/images/pfr4.jpg

930. Question re battery voltage

Yahoo group: pfr3_group
Date: 2009-06-03 00:37:08 UTC
From: Gary W. Marklund
Topic: 930 Message: 930

My 12 volt gel cell measures 12.7 volts after its first charge. Am I safe using that or should I step it down?

Thanks and 73

Gary KJ7RT

931. RE: [pfr3_group] Question re battery voltage

Yahoo group: pfr3_group
Date: 2009-06-03 02:32:55 UTC
From: Jerry Haigwood
Topic: 930 Message: 931
Attachments: 2 described; binary payloads are missing from this source WARC

Gary,

The 12.7 Volt battery will not hurt anything.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Gary W. Marklund
Sent: Tuesday, June 02, 2009 5:37 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Question re battery voltage

My 12 volt gel cell measures 12.7 volts after its first charge. Am I safe using that or should I step it down?

Thanks and 73

Gary KJ7RT

932. Re: [pfr3_group] Question re battery voltage

Yahoo group: pfr3_group
Date: 2009-06-03 14:57:32 UTC
From: Gary W. Marklund
Topic: 930 Message: 932

Thanks, Jerry. I still have a couple of "issues" with the PFR-3 but hope
to have it running before long.

Gary

Jerry Haigwood wrote:
>
>
> Gary,
>
> The 12.7 Volt battery will not hurt anything.
>
> Jerry W5JH
>
>
>
> *From:* pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]
> *On Behalf Of *Gary W. Marklund
> *Sent:* Tuesday, June 02, 2009 5:37 PM
> *To:* pfr3_group@yahoogroups.com
> *Subject:* [pfr3_group] Question re battery voltage
>
>
>
>
>
>
>
> My 12 volt gel cell measures 12.7 volts after its first charge. Am I
> safe using that or should I step it down?
>
> Thanks and 73
>
> Gary KJ7RT
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.339 / Virus Database: 270.12.51/2151 - Release Date: 06/02/09 17:53:00
>
>

933. Almost there

Yahoo group: pfr3_group
Date: 2009-06-04 20:38:56 UTC
From: Gary W. Marklund
Topic: 933 Message: 933

I'm getting a flat 5 watts on 40M, 4.75 watts on 30M and about 2 watts on 20M. I've confirmed the turns count and moved the windings about, but can't get better than 2 or 2.5 watts on 20M. Also, the external power connector is a bit oversized for the hole in the back of the chassis. What have others done? Look for another connector, use a step drill to enlarge the existing hole or try to tap the hole to allow the connector to be threaded in?

Thanks and 73,

Gary KJ7RT

934. PFR-3 and NorCal Doublet

Yahoo group: pfr3_group
Date: 2009-06-06 15:01:46 UTC
From: Michael
Topic: 934 Message: 934

Modifications to my NorCal doublet antenna.
After last years SOTA activations with the PFR-3 and norcal doublet I decided to try a few "improvements".
One aspect of the computer ribbon cable doublet that gave cause for concern was its apparent fragility, during the last portable season one of the 22' legs managed to stretch by 6 inches.
I seem to remember getting it snagged on a rock while on SOTA GM/SI-209 .
The other problem I encountered was the excess of feeder when using the standard 7-meter fishing pole as a support, but this rather depends on the type/height of pole and distance from the mast to the operating position.
As I tend to operate quite close to the base of the mast 17 feet of feeder seemed to be about the optimum length needed. Starting out with 50 feet of speaker wire or zip cord and by using 17 feet of this as the feeder the remaining 33 feet was separated to form both legs of the dipole.
This arrangement seems to work very well with the PFR-3, the atu tuning all bands very easily. A test in the garden resulted in QSO's with LA1ENA/P on 7MHz, DL/LX1NO/P on 10Mhz, and 9A/OE3WGC on 14MHz.
Now to get out and try it on a hill ..

Photo on http://www.flickr.com/photos/g0bpu/3600818322/
73 Mike G0BPU

935. A video featuring my PFR3

Yahoo group: pfr3_group
Date: 2009-06-08 21:31:35 UTC
From: J.-P. Couture
Topic: 935 Message: 935

Hi,

Thought you'd like to watch this: http://www.n3epa.org/Pages/PolarBear.htm

72!

VA2SG

936. PFR-3 For Sale.

Yahoo group: pfr3_group
Date: 2009-06-10 01:46:50 UTC
From: k7ddmjb
Topic: 936 Message: 936

I have a PFR3 which is assembled and has been to KD1JV for tweeking.
The basic radio works as published but I haven't been able to get the tuner section to work correctly. I have no idea what I haven't done correctly but it simply won't tune anything.
I don't have time to mess with it at the moment and quite frankly, I can't seem to get use to using something without a KNOB so, I am going to make room for something new and want to clear out a few of the items I am not currently using.
Bonus, it comes with the optional key and has the internal battery cases included.
Looks great and works as described.
I'll take PayPal if you want, or US Postal Money Order via Mail.
First come, first served and $210 and its yours. Shipping is included to the lower 48.
I would prefer not to deal with the whole customs issue but if you are from outside the USA and are the first one I confirm then we can talk about the shipping and paperwork..
Local buyers can pick it up in Peoria, AZ.

OK, now is your chance.

Thanks...
Best 72,73

Mike Baker K7DD
k7dd@...
623-487-8780

937. Re: A video featuring my PFR3

Yahoo group: pfr3_group
Date: 2009-06-10 02:52:21 UTC
From: J.-P. Couture
Topic: 935 Message: 937

I realised a made a mistake. The video is here http://www.youtube.com/watch?v=S-aGb_G1rfA

72 de JP VA2SG

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...> wrote:
>
> Hi,
>
> Thought you'd like to watch this: http://www.n3epa.org/Pages/PolarBear.htm
>
> 72!
>
> VA2SG
>

938. RE: PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2009-06-12 16:14:20 UTC
From: k7ddmjb
Topic: 938 Message: 938

The rig has been sold.
Thanks for the listing..

939. I love my baby black wodow paddle

Yahoo group: pfr3_group
Date: 2009-06-16 00:21:24 UTC
From: J.-P. Couture
Topic: 939 Message: 939

Boy am I happy with my new paddle Thanks Jerry W5JH, I have serial nr 40 pfr3 baby widow paddle.

It sends smooth smooth.

JP Couture VA2SG

940. PFR-3 Switches

Yahoo group: pfr3_group
Date: 2009-06-16 20:20:54 UTC
From: lwwb100
Topic: 940 Message: 940

Has anyone else had any problems with the switches in their PFR-3's? Shortly after finishing mine, the rig would refuse to switch to 40 meters sometimes and would stay on 30 when the switch was in the 40 meter position. At least once, while it was on 40 meters, it switched to 30 meters by itself. I thought it may have been an intermittent short on one of the resistors coming off the processor which controls band selection. Now, the power switch refuses to slide all the way into the off position and I have to switch it to External to get it to turn off. I'm thinking both the switches are bad and am going to replace all of them. Just wondering if anyone else has had the same problem?

Bill, KF8GE

941. Re: [pfr3_group] PFR-3 Switches

Yahoo group: pfr3_group
Date: 2009-06-16 20:25:24 UTC
From: Steve Miller
Topic: 940 Message: 941

An ohmmeter should answer your question. Steve

lwwb100 wrote:
>
>
> Has anyone else had any problems with the switches in their PFR-3's?
> Shortly after finishing mine, the rig would refuse to switch to 40
> meters sometimes and would stay on 30 when the switch was in the 40
> meter position. At least once, while it was on 40 meters, it switched
> to 30 meters by itself. I thought it may have been an intermittent
> short on one of the resistors coming off the processor which controls
> band selection. Now, the power switch refuses to slide all the way
> into the off position and I have to switch it to External to get it to
> turn off. I'm thinking both the switches are bad and am going to
> replace all of them. Just wondering if anyone else has had the same
> problem?
>
> Bill, KF8GE
>
>

942. RE: [pfr3_group] PFR-3 Switches

Yahoo group: pfr3_group
Date: 2009-06-16 21:49:18 UTC
From: Bob Miller
Topic: 940 Message: 942

Bill,

I'm having the same problem with the power switch. Went so far as to take the ckt board
out of the case and then the switch worked but not for long. I needed to take it out anyway
to get the chip upgraded.

Bob
wb6kwt
-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]On Behalf Of lwwb100
Sent: Tuesday, June 16, 2009 1:21 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3 Switches

Has anyone else had any problems with the switches in their PFR-3's?
Shortly after finishing mine, the rig would refuse to switch to 40 meters
sometimes and would stay on 30 when the switch was in the 40 meter position.
At least once, while it was on 40 meters, it switched to 30 meters by
itself. I thought it may have been an intermittent short on one of the
resistors coming off the processor which controls band selection. Now, the
power switch refuses to slide all the way into the off position and I have
to switch it to External to get it to turn off. I'm thinking both the
switches are bad and am going to replace all of them. Just wondering if
anyone else has had the same problem?

Bill, KF8GE

943. RE: [pfr3_group] PFR-3 Switches

Yahoo group: pfr3_group
Date: 2009-06-17 00:02:34 UTC
From: Dale Putnam
Topic: 940 Message: 943

I havn't had that problem with the switches on the PFR3, however there are switches very similar that I have experienced similar situations with, traceable to too much heat applied for too long during a soldering process. I'm not sayin that that is specifically the case, however, if that is a possiblity, it might be worth checking out. with either clip leads across the switch contacts, or with another means.

--... ...-- Dale - WC7S in Wy

_____
Bing™ brings you maps, menus, and reviews organized in one place. Try it now.
http://www.bing.com/search?q=restaurants&form=MLOGEN&publ=WLHMTAG&crea=TEXT_MLOGEN_Core_tagline_local_1x1

944. Re:PFR-3 Switches

Yahoo group: pfr3_group
Date: 2009-06-17 08:58:03 UTC
From: rkavampsev@aol.com
Topic: 940 Message: 944

Bill the power switch not switching off was a problem i had, but found that
it was the paddle screw that was going to far into the set and stopping
the power switch from moving fully over .
I filed about an 1/8 inch of the screww and all was then ok .
Ive had no problems touch wood with the other switches as yet .
cheers roy
GM4VKI

945. Re: PFR-3 Switches

Yahoo group: pfr3_group
Date: 2009-06-17 11:23:44 UTC
From: n96xh
Topic: 940 Message: 945

--- In pfr3_group@yahoogroups.com, "Bob Miller" <wb6kwt@...> wrote:
>
> Bill,
>
> I'm having the same problem with the power switch. Went so far as to take
> the ckt board
> out of the case and then the switch worked but not for long. I needed to
> take it out anyway
> to get the chip upgraded.
>
> Bob
> wb6kwt
> -----Original Message-----
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]On
> Behalf Of lwwb100
> Sent: Tuesday, June 16, 2009 1:21 PM
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] PFR-3 Switches
>
>
>
>
>
>
> Has anyone else had any problems with the switches in their PFR-3's?
> Shortly after finishing mine, the rig would refuse to switch to 40 meters
> sometimes and would stay on 30 when the switch was in the 40 meter position.
> At least once, while it was on 40 meters, it switched to 30 meters by
> itself. I thought it may have been an intermittent short on one of the
> resistors coming off the processor which controls band selection. Now, the
> power switch refuses to slide all the way into the off position and I have
> to switch it to External to get it to turn off. I'm thinking both the
> switches are bad and am going to replace all of them. Just wondering if
> anyone else has had the same problem?
>
> Bill, KF8GE
>
Bill
I had the same problem with the power switch after putting the screws in that hold the KEY without the key, just did not want to lose the screws. Screw out fixed,
Jim AJ4BG

946. paddles modification

Yahoo group: pfr3_group
Date: 2009-06-17 16:19:56 UTC
From: poeli111
Topic: 946 Message: 946

Hi folks,

since day one with my yellow fellow I struggeled with the original paddles, the touch was too soft and wobbly and it gave too little feedback when operating. Sometimes I even managed to stick together the paddles when squeezing too hard...

Now the day has come to do some improvement: I disassembled the whole thing and cut the flexing metal stripes about 18 mm (3/4"). I turned the center contact screw fully in and left away the nut as the screw was self locking at the end of the thread. Now the silicon fingerpieces sit next to the center screw. I melted holes into the inner side of the fingerpieces using a small soldering iron (not very professional and stinks, I know...) Having reassembled the paddles, I now have a defined turn-on point and much less travel. Keying is more fun now.

I made a photo of the shortened paddles, see the photo section.

73, Christian DL1ELU

947. Re: PFR-3 Switches

Yahoo group: pfr3_group
Date: 2009-06-18 10:49:09 UTC
From: lwwb100
Topic: 940 Message: 947

--- In pfr3_group@yahoogroups.com, "n96xh" <j_hansen@...> wrote:
> Bill
> I had the same problem with the power switch after putting the screws in that hold the KEY without the key, just did not want to lose the screws. Screw out fixed,
> Jim AJ4BG
>

Thanks, Jim, that was it! I should have seen that!

Bill, KF8GE

948. Re:PFR-3 Switches

Yahoo group: pfr3_group
Date: 2009-06-18 10:50:49 UTC
From: lwwb100
Topic: 940 Message: 948

Thanks Roy, that was it! I should have seen that! I'm gong to have to file it down a little bit. Now to figure out what's wrong with the band changeing switch.

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, rkavampsev@... wrote:
>
> Bill the power switch not switching off was a problem i had, but found that
> it was the paddle screw that was going to far into the set and stopping
> the power switch from moving fully over .
> I filed about an 1/8 inch of the screww and all was then ok .
> Ive had no problems touch wood with the other switches as yet .
> cheers roy
> GM4VKI
>

949. Another Scottish PFR-3 and BBW!

Yahoo group: pfr3_group
Date: 2009-06-18 11:44:08 UTC
From: jim_moar
Topic: 949 Message: 949

I'm glad to say that my PFR-3 and BBW are both assembled and working. 6W at 12V supply across all bands. I intend to use a LM2941T variable low drop-out regulator to give some control over the external supply voltage and output power. I'll probably incorporate it into the power lead.

Info for other potential UK buyers - PFR-3 delivery in 1 month, VAT £12.43, BBW delivery 19 days, VAT £4.10. Both had the Royal Mail £8.00 handling charge added on top of the VAT!

And a general question - the photo of T3 on the manual version B.2 shows one of the output wires passing through the T3 core centre. I built my one this way and it works, but does this not effectively add (or subtract) a turn on T3 secondary?

Both are nice kits, now to try to get my CW up to speed!

Jim
GM4EFR

950. Re: Another Scottish PFR-3 and BBW!

Yahoo group: pfr3_group
Date: 2009-06-18 17:42:58 UTC
From: J.-P. Couture
Topic: 949 Message: 950

Hi Jim
Glad you like your yellow box and BBW.

I made a video last nite's milliwatt sprint where you can see the BBW:
http://www.youtube.com/watch?v=6mIDqOJW3Rs

Hope to QSO Jim. My experience up to date show the best chances for DX from here to Europe is on 30m. I didnt have much luck on 20 and 40 gives strong reports all almost all over North America.

72 de VA2SG Jean-Pierre

--- In pfr3_group@yahoogroups.com, "jim_moar" <jim.moar@...> wrote:
>
> I'm glad to say that my PFR-3 and BBW are both assembled and working. 6W at 12V supply across all bands. I intend to use a LM2941T variable low drop-out regulator to give some control over the external supply voltage and output power. I'll probably incorporate it into the power lead.
>
> Info for other potential UK buyers - PFR-3 delivery in 1 month, VAT £12.43, BBW delivery 19 days, VAT £4.10. Both had the Royal Mail £8.00 handling charge added on top of the VAT!
>
> And a general question - the photo of T3 on the manual version B.2 shows one of the output wires passing through the T3 core centre. I built my one this way and it works, but does this not effectively add (or subtract) a turn on T3 secondary?
>
> Both are nice kits, now to try to get my CW up to speed!
>
> Jim
> GM4EFR
>

951. Re: paddles modification

Yahoo group: pfr3_group
Date: 2009-06-18 17:43:54 UTC
From: J.-P. Couture
Topic: 946 Message: 951

Hi Christian,

Thats a good idea. I'll try it on mine, and will use it when I dont use the BBW.

73!

Jean-Pierre VA2SG

--- In pfr3_group@yahoogroups.com, "poeli111" <csack@...> wrote:
>
> Hi folks,
>
> since day one with my yellow fellow I struggeled with the original paddles, the touch was too soft and wobbly and it gave too little feedback when operating. Sometimes I even managed to stick together the paddles when squeezing too hard...
>
> Now the day has come to do some improvement: I disassembled the whole thing and cut the flexing metal stripes about 18 mm (3/4"). I turned the center contact screw fully in and left away the nut as the screw was self locking at the end of the thread. Now the silicon fingerpieces sit next to the center screw. I melted holes into the inner side of the fingerpieces using a small soldering iron (not very professional and stinks, I know...) Having reassembled the paddles, I now have a defined turn-on point and much less travel. Keying is more fun now.
>
> I made a photo of the shortened paddles, see the photo section.
>
> 73, Christian DL1ELU
>

952. WOW, I almost made a big mistake!

Yahoo group: pfr3_group
Date: 2009-06-19 05:56:26 UTC
From: k7ddmjb
Topic: 939 Message: 952

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...> wrote:
>
> Boy am I happy with my new paddle Thanks Jerry W5JH, I have serial nr 40 pfr3 baby widow paddle.
>
> It sends smooth smooth.
>
> JP Couture VA2SG
>

953. WOW, I almost made a big mistake!

Yahoo group: pfr3_group
Date: 2009-06-19 06:15:14 UTC
From: k7ddmjb
Topic: 939 Message: 953

I became unhappy with my PFR-3 and put it up for sale.
The fellow who purchased it said it now didn't have proper output on 40 meters and I agreed to have him return it to me and we basiclly reversed the deal.
Sure enough, I had a problem. I decided to just sit down and figure out what was wrong and what I didn't like about the rig and see if I could solve my problems. I found a cold solder joint at one of the 40 meter band pass inductors so I reflowed it and then decided perhaps it might not be a bad idea to just use my hobby store embossing hot air tool to just reflow all of the joints on the bottom of the board, so I did. I then went about doing a bit of replacement of some of the wiring I had put in and generally clean up the rig.
I have been rewarded for my efforts. The rig works better than it ever has since I built it. More audio, the TUNER NOW WORKS, (RTFM helps, DUHHH!) and I have max power on all bands! WOO HOO!
Lets celebrate and put the thing on the air! 6BTV on the ground for antenna and a gel cell for power.

First qso, KØDTJ in Longmont Co, 569 40 meters. 0220 hrs.GMT
Second QSO, ZL2MYT on 20 meters, 559. 0248 hrs GMT
Third QSO, SM3EVR on 30 meters.559. 0300 Hrs.GMT
Forth Qso, VA7QB on 20 meters. 559. 0440 Hrs. GMT

Now that isn't bad for a trap vertical on the ground with only 2 chicken wire radials and 5 watts from a kit radio powered by a gel cell!

I now have my new Baby Black Widow Paddle properly adjusted and the spring stretched out a bit and we be on da air in style man! Thank you Jerry Haigwood.

I already thanked my would be buyer for getting me off my butt and fixing the issues I had with the rig and bringing it up to its full potential. Now I think the little yellow rig has a new found place of respect in my QRP arsenal of radio toys.

Now, when is that next QRP event outside? Field Day??

954. Weber Dual bander

Yahoo group: pfr3_group
Date: 2009-06-19 20:17:39 UTC
From: boblusby
Topic: 954 Message: 954

Although it is not a PFR-3 I would like to comment on the new Weber Dual Band CW Transceiver that I purchased at Dayton this year. This is one of the best buys I have made in the last several years. Over the last several years I have built most of tht Elecraft line, two PFR-3's, the Wilderness Radio Sierra, LDG tuners, Tuna Tins, a Genesis G-40, and a few others I don't recall. But the little 'Red-top' Weber Dual Bander has to be one of the easiest and smoothest builds to date.
One tip I would offer for builders is to be sure to install the tilt stand prior to final installation. Otherwise you'll do what I had to do and unsolder the coax connector and remove the board. A step needs to be added to the construction as I just breezed right on through and was so pleased to get full power output that I missed the tilt stand. Working with #30 wire for the T-1 & T-2 coils was the hardest step. I recommend the lighter/sandpaper method of stripping the enamel.
I also added an on/off switch on the rear panel and a slightly larger tuning knob. Operation is straight forward. I plan on using this on 40/15 for Field Day with the Wilderness Radio Sierra on the other bands.

Cheers, Bob, k9foh

955. RE: [pfr3_group] Weber Dual bander

Yahoo group: pfr3_group
Date: 2009-06-19 22:48:42 UTC
From: Paul Feltz
Topic: 954 Message: 955

Bob:

Tnx for the report. I been looking at that one and thinking of 40 and 30 M. Built the PFR-3 and very pleased with it. With a real tuning knob, AGC, and other things that makes it a nice unit for the home shack.

73, Paul

WA0VDM

To: pfr3_group@yahoogroups.com
From: boblusby@yahoo.com
Date: Fri, 19 Jun 2009 20:17:39 +0000
Subject: [pfr3_group] Weber Dual bander

Although it is not a PFR-3 I would like to comment on the new Weber Dual Band CW Transceiver that I purchased at Dayton this year. This is one of the best buys I have made in the last several years. Over the last several years I have built most of tht Elecraft line, two PFR-3's, the Wilderness Radio Sierra, LDG tuners, Tuna Tins, a Genesis G-40, and a few others I don't recall. But the little 'Red-top' Weber Dual Bander has to be one of the easiest and smoothest builds to date.
One tip I would offer for builders is to be sure to install the tilt stand prior to final installation. Otherwise you'll do what I had to do and unsolder the coax connector and remove the board. A step needs to be added to the construction as I just breezed right on through and was so pleased to get full power output that I missed the tilt stand. Working with #30 wire for the T-1 & T-2 coils was the hardest step. I recommend the lighter/sandpaper method of stripping the enamel.
I also added an on/off switch on the rear panel and a slightly larger tuning knob. Operation is straight forward. I plan on using this on 40/15 for Field Day with the Wilderness Radio Sierra on the other bands.

Cheers, Bob, k9foh

Lauren found her dream laptop. Find the PC that’s right for you.
http://www.microsoft.com/windows/choosepc/?ocid=ftp_val_wl_290

956. Re: [pfr3_group] Weber Dual bander

Yahoo group: pfr3_group
Date: 2009-06-19 23:19:28 UTC
From: Mike Malone
Topic: 954 Message: 956

The hardest part of that purchase at FDIM was picking the bands... I like
the 40-15 idea... I ended up going 30 and 17. WARC wonder.

On Fri, Jun 19, 2009 at 5:48 PM, Paul Feltz <paulfeltz@...> wrote:

>
>
> Bob:
> Tnx for the report. I been looking at that one and thinking of 40 and 30 M.
> Built the PFR-3 and very pleased with it. With a real tuning knob, AGC, and
> other things that makes it a nice unit for the home shack.
>
> 73, Paul
>
> WA0VDM
>
> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: boblusby@...
> Date: Fri, 19 Jun 2009 20:17:39 +0000
> Subject: [pfr3_group] Weber Dual bander
>
>
>
> Although it is not a PFR-3 I would like to comment on the new Weber Dual
> Band CW Transceiver that I purchased at Dayton this year. This is one of the
> best buys I have made in the last several years. Over the last several years
> I have built most of tht Elecraft line, two PFR-3's, the Wilderness Radio
> Sierra, LDG tuners, Tuna Tins, a Genesis G-40, and a few others I don't
> recall. But the little 'Red-top' Weber Dual Bander has to be one of the
> easiest and smoothest builds to date.
> One tip I would offer for builders is to be sure to install the tilt stand
> prior to final installation. Otherwise you'll do what I had to do and
> unsolder the coax connector and remove the board. A step needs to be added
> to the construction as I just breezed right on through and was so pleased to
> get full power output that I missed the tilt stand. Working with #30 wire
> for the T-1 & T-2 coils was the hardest step. I recommend the
> lighter/sandpaper method of stripping the enamel.
> I also added an on/off switch on the rear panel and a slightly larger
> tuning knob. Operation is straight forward. I plan on using this on 40/15
> for Field Day with the Wilderness Radio Sierra on the other bands.
>
> Cheers, Bob, k9foh
>
>

>
> ------------------------------
> Lauren found her dream laptop. Find the PC that’s right for
you.<http://www.microsoft.com/windows/choosepc/?ocid=ftp_val_wl_290>
>
>

957. Re: paddles modification

Yahoo group: pfr3_group
Date: 2009-06-20 22:31:50 UTC
From: Michael
Topic: 946 Message: 957

Christian,
Thanks for sharing the paddle modifications, set about my key last night with the tin snips, Completed the mod as you described but used a craft knife to cut the apertures in the finger pieces!!!.
After trying the modified key on the air today, it was well worth the effort.
The soft soggy feel is gone, its now positive and responsive with the added bonus that the slightly shorter paddles = more room in the travel case.
73 Mike G0BPU

--- In pfr3_group@yahoogroups.com, "J.-P. Couture" <jpcouture68@...> wrote:
>
> Hi Christian,
>
> Thats a good idea. I'll try it on mine, and will use it when I dont use the BBW.
>
> 73!
>
> Jean-Pierre VA2SG
>
> --- In pfr3_group@yahoogroups.com, "poeli111" <csack@> wrote:
> >
> > Hi folks,
> >
> > since day one with my yellow fellow I struggeled with the original paddles, the touch was too soft and wobbly and it gave too little feedback when operating. Sometimes I even managed to stick together the paddles when squeezing too hard...
> >
> > Now the day has come to do some improvement: I disassembled the whole thing and cut the flexing metal stripes about 18 mm (3/4"). I turned the center contact screw fully in and left away the nut as the screw was self locking at the end of the thread. Now the silicon fingerpieces sit next to the center screw. I melted holes into the inner side of the fingerpieces using a small soldering iron (not very professional and stinks, I know...) Having reassembled the paddles, I now have a defined turn-on point and much less travel. Keying is more fun now.
> >
> > I made a photo of the shortened paddles, see the photo section.
> >
> > 73, Christian DL1ELU
> >
>

958. Pictures uploaded to K7DD Pictures area. One tongue in cheek! ;>)

Yahoo group: pfr3_group
Date: 2009-06-21 03:22:56 UTC
From: k7ddmjb
Topic: 958 Message: 958

Well I decided to post a few pictures and put in a few comments about my newly reserected PFR3.
I have installed a set of LiPo4 batteries (the blue ones in the picture) with double stick tape and used PowerPoles to make then removeable and thus rechargable when outside the radio.
As you can see, the Baby Black Widow has taken it's rightful place and is my dedicated paddle for that rig.
I am so happy that it is working full tilt boogie and the tuner is working that I decided to take a few measurement and use an external power meter to aid in the tune up and see what it was doing. WOW! nearly 6 watts on all bands if you use the BLT and tweek it in carefully! I double checked the WM-2 against my SX-1000 meter and it shows 7 watts output! Guess I'll have to keep an eye on the power to keep it "Legal" for QRP qualifying events!
I found a fellow in China on E-Bay that offered these in the ear bud earphones designed for the I-Pod and MP3 players and the sensitivity on these was VERY good at 108Db and they were only about $7 with Free shipping so I tried them out and liked them so well I bought a couple of additional pairs for spares. It really makes the audio LOUD in this rig now. No mods needed.
I'll post more as interest and activity permit.
Gotta get ready for Field Day next weekend!

Best 72, 73
Mike Baker K7DD@...

959. PFR3 goes maritime mobile

Yahoo group: pfr3_group
Date: 2009-06-21 11:21:19 UTC
From: J.-P. Couture
Topic: 959 Message: 959

I thooought you'd like to watch this: http://www.youtube.com/watch?v=PbmcttsJmos

72 enjoy

Jean-Pierre VA2SG

960. RE: [pfr3_group] PFR3 goes maritime mobile

Yahoo group: pfr3_group
Date: 2009-06-21 13:34:02 UTC
From: Paul Feltz
Topic: 959 Message: 960

Tnx, always enjoy the videos.

73, Paul

WA0VDM

To: pfr3_group@yahoogroups.com
From: jpcouture68@...
Date: Sun, 21 Jun 2009 11:21:19 +0000
Subject: [pfr3_group] PFR3 goes maritime mobile

I thoought you'd like to watch this: http://www.youtube.com/watch?v=PbmcttsJmos

72 enjoy

Jean-Pierre VA2SG

_____
Hotmail® has ever-growing storage! Don’t worry about storage limits.
http://windowslive.com/Tutorial/Hotmail/Storage?ocid=TXT_TAGLM_WL_HM_Tutorial_Storage_062009

961. Re: paddles modification

Yahoo group: pfr3_group
Date: 2009-06-21 16:20:38 UTC
From: lwwb100
Topic: 946 Message: 961

Thanks, Christian,

I made this modification today and it works great!

Bill, KF8GE

--- In pfr3_group@yahoogroups.com, "poeli111" <csack@...> wrote:
>

>
> Now the day has come to do some improvement: I disassembled the whole thing and cut the flexing metal stripes about 18 mm (3/4"). I turned the center contact screw fully in and left away the nut as the screw was self locking at the end of the thread. Now the silicon fingerpieces sit next to the center screw. I melted holes into the inner side of the fingerpieces using a small soldering iron (not very professional and stinks, I know...) Having reassembled the paddles, I now have a defined turn-on point and much less travel. Keying is more fun now.
>
> I made a photo of the shortened paddles, see the photo section.
>
> 73, Christian DL1ELU
>

962. PFR fore sale (unbuilt)

Yahoo group: pfr3_group
Date: 2009-06-23 16:35:24 UTC
From: Dave Krieger
Topic: 962 Message: 962

I have an unopend unbuilt PFR for sale. $150 plus shipping Call Dave 516 458 1952

963. Re: PFR fore sale (unbuilt)

Yahoo group: pfr3_group
Date: 2009-06-23 17:10:47 UTC
From: Dave Krieger
Topic: 962 Message: 963

--- In pfr3_group@yahoogroups.com, "Dave Krieger" <wa2vyu@...> wrote:
>
> I have an unopend unbuilt PFR for sale. $150 plus shipping Call Dave 516 458 1952
>KIT HAS BEEN SOLD thanks Ed.

964. FD 2009 de WD9F-IL / Woody

Yahoo group: pfr3_group
Date: 2009-06-28 13:53:39 UTC
From: fghester
Topic: 964 Message: 964

Great Field Day 2009. See photos. Used an EFHWA and Counterpoise (63ft. / 35ft. in inverted L confirguration. I took a major break (8 hours) to sleep through thunder storms and more than an inch of rain. Highligts were working Steve (WG0AT), Peanuts, Rooster & Dave on 20 before the official start. Worked W1AW too. Didn't hear many of my friends. FD is a lot like Church on Easter Sunday. The turn out is awesome but it's hard to find your friends among all the strangers! The PFR-3 worked like a champ & thanks to Dale Putnam (WC7R) for finishing the build I started in time for FD!

965. Whoops, correction to my FD Post

Yahoo group: pfr3_group
Date: 2009-06-28 14:44:32 UTC
From: fghester
Topic: 965 Message: 965

Whoops.. Dale's call is WC7S. Sorry Dale, I'm brain dead :-(/ Woody

966. RE: [pfr3_group] Whoops, correction to my FD Post

Yahoo group: pfr3_group
Date: 2009-06-28 14:47:14 UTC
From: Dale Putnam
Topic: 965 Message: 966

Shucks Woody, I figured it was left over residue from Field Day...*G*

No problem.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@...m
From: fghester@...
Date: Sun, 28 Jun 2009 14:44:32 +0000
Subject: [pfr3_group] Whoops, correction to my FD Post

Whoops.. Dale's call is WC7S. Sorry Dale, I'm brain dead :-(/ Woody

_____
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2009

967. Group 2 test fails

Yahoo group: pfr3_group
Date: 2009-06-30 03:59:39 UTC
From: don_k7og
Topic: 967 Message: 967

OK. I triple checked the parts placement and retouched all the solder joints and Group 1 test works fine.

When I power up, I hear hiss that adjusts with the volume and the side tone when I hit the keyer. Voltages are about right for U1, U2, U3, and U4.

In CAL.r mode, I can't get any signal on my scope at the test point TP1. I have no frequency counter but I should at least see something.

In CAL.o mode, I don't see audio product detector beat note on pin 7 with my scope. Just junk, I guess unless it's higher frequency than my scope can detect.

I cannot hear the BFO beat note, just the really loud side tone.

Where do I look? I touched up the crystal solder joints three times. I'm at my wits end. I managed to build an MMR-40 that works and other kits so this should work FB.

Don, K7OG
http://ac7fa.net

968. Current price

Yahoo group: pfr3_group
Date: 2009-06-30 08:06:12 UTC
From: Francesco
Topic: 968 Message: 968

How much is it the PFR3?
The site doesn't mention the price.
Thanks in advance.

969. Re: Current price

Yahoo group: pfr3_group
Date: 2009-06-30 12:47:58 UTC
From: Jerry Palsson
Topic: 968 Message: 969

Francesco,

Hendricks QRP Kits has temporarily removed price information so people won't try to place orders while they're closed during June and July.

When I ordered mine last year, it was $200 plus $40 for the optional paddle. Not sure if that price changed in the interim, but I don't think so.

Jerry AA6KI

--- In pfr3_group@yahoogroups.com, "Francesco" <fparisi@...> wrote:
>
> How much is it the PFR3?
> The site doesn't mention the price.
> Thanks in advance.
>

970. Re: [pfr3_group] Re: Current price

Yahoo group: pfr3_group
Date: 2009-06-30 14:42:09 UTC
From: Gary W. Marklund
Topic: 968 Message: 970

That is the price I paid, plus $20 for shipping.
Gary

Jerry Palsson wrote:
>
>
> Francesco,
>
> Hendricks QRP Kits has temporarily removed price information so people
> won't try to place orders while they're closed during June and July.
>
> When I ordered mine last year, it was $200 plus $40 for the optional
> paddle. Not sure if that price changed in the interim, but I don't
> think so.
>
> Jerry AA6KI
>
> --- In pfr3_group@yahoogroups.com
> <mailto:pfr3_group%40yahoogroups.com>, "Francesco" <fparisi@...> wrote:
> >
> > How much is it the PFR3?
> > The site doesn't mention the price.
> > Thanks in advance.
> >
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.339 / Virus Database: 270.13.0/2209 - Release Date: 06/29/09 14:43:00
>
>

971. Re: [pfr3_group] Group 2 test fails

Yahoo group: pfr3_group
Date: 2009-06-30 19:03:19 UTC
From: chuck
Topic: 967 Message: 971

Hi Don:
I can offer another set of eyes and maybe some tech help.
We could meet somewhere and look it over.
Chuck/AC7QN

On Tue, 2009-06-30 at 03:59 +0000, don_k7og wrote:
>
>
> OK. I triple checked the parts placement and retouched all the solder
> joints and Group 1 test works fine.
>
> When I power up, I hear hiss that adjusts with the volume and the side
> tone when I hit the keyer. Voltages are about right for U1, U2, U3,
> and U4.
>
> In CAL.r mode, I can't get any signal on my scope at the test point
> TP1. I have no frequency counter but I should at least see something.
>
> In CAL.o mode, I don't see audio product detector beat note on pin 7
> with my scope. Just junk, I guess unless it's higher frequency than my
> scope can detect.
>
> I cannot hear the BFO beat note, just the really loud side tone.
>
> Where do I look? I touched up the crystal solder joints three times.
> I'm at my wits end. I managed to build an MMR-40 that works and other
> kits so this should work FB.
>
> Don, K7OG
> http://ac7fa.net
>
>
>
>
>

972. Re: [pfr3_group] Group 2 test fails

Yahoo group: pfr3_group
Date: 2009-06-30 20:46:46 UTC
From: Steven Weber
Topic: 967 Message: 972

Don,

It sounds like the DDS is not generating a signal. I could be it is not getting data from the processor, are one or more missing solder connections to some of the SMT parts, or the DDS somehow got toasted.

Look carefully at all the SMT parts to make sure they got soldered on both ends and there are no solder shorts between pins on the DDS chip. (except for the two in the lower right corner, which are connected together and may look like a short)

You might have to send the board to me to replace the chip.

73, Steve KD1JV

973. RE: [pfr3_group] Group 2 test fails

Yahoo group: pfr3_group
Date: 2009-07-01 00:21:24 UTC
From: Dale Putnam
Topic: 967 Message: 973

Hi Don,

If you'd like, send it to me, I'll take it to the point of making the tests, appropriately, and let you know..why/how... then send it back.. no charge.

If you want to?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: chuckek@...
Date: Tue, 30 Jun 2009 12:03:19 -0700
Subject: Re: [pfr3_group] Group 2 test fails

Hi Don:
I can offer another set of eyes and maybe some tech help.
We could meet somewhere and look it over.
Chuck/AC7QN

On Tue, 2009-06-30 at 03:59 +0000, don_k7og wrote:
>
>
> OK. I triple checked the parts placement and retouched all the solder
> joints and Group 1 test works fine.
>
> When I power up, I hear hiss that adjusts with the volume and the side
> tone when I hit the keyer. Voltages are about right for U1, U2, U3,
> and U4.
>
> In CAL.r mode, I can't get any signal on my scope at the test point
> TP1. I have no frequency counter but I should at least see something.
>
> In CAL.o mode, I don't see audio product detector beat note on pin 7
> with my scope. Just junk, I guess unless it's higher frequency than my
> scope can detect.
>
> I cannot hear the BFO beat note, just the really loud side tone.
>
> Where do I look? I touched up the crystal solder joints three times.
> I'm at my wits end. I managed to build an MMR-40 that works and other
> kits so this should work FB.
>
> Don, K7OG
> http://ac7fa.net
>
>

>
>
>

_____
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2009

974. Re: Group 2 test fails

Yahoo group: pfr3_group
Date: 2009-07-01 16:46:15 UTC
From: don_k7og
Topic: 967 Message: 974

Just the clue I was looking for when you said 'data.' I re-flowed the processor chip socket - no go - but then when I pulled the processor out and reseated it, I got a pulse. Must have a marginal connection to a pin or two.

--- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@...> wrote:
>
> Don,
>
> It sounds like the DDS is not generating a signal. I could be it is not
> getting data from the processor, are one or more missing solder connections
> to some of the SMT parts, or the DDS somehow got toasted.
>
> Look carefully at all the SMT parts to make sure they got soldered on both
> ends and there are no solder shorts between pins on the DDS chip. (except
> for the two in the lower right corner, which are connected together and may
> look like a short)
>
> You might have to send the board to me to replace the chip.
>
> 73, Steve KD1JV
>

975. Re: [pfr3_group] Re: Group 2 test fails

Yahoo group: pfr3_group
Date: 2009-07-01 18:54:25 UTC
From: Steven Weber
Topic: 967 Message: 975

> Just the clue I was looking for when you said 'data.' I re-flowed the
> processor chip socket - no go - but then when I pulled the processor out
> and reseated it, I got a pulse. Must have a marginal connection to a pin
> or two.

Whew, glad it was as simple at that!

Steve KD1JV

976. PFR 3 Field Day

Yahoo group: pfr3_group
Date: 2009-07-02 00:52:43 UTC
From: Johnny Matlock
Topic: 976 Message: 976

Ge all on the list:
I took the "the little yellow pig" (PFR 3) to field day. Well, it survived well. I used up one set of batteries on saturday, while on 20m. Fueled back up and finished out on 40 Sunday morning. I couldn't be more happy with a small rig. Seem like a work horse to boot!!
72, 73 to all on the list.
De Johnny AC0BQ

977. S indicator when receiving

Yahoo group: pfr3_group
Date: 2009-07-02 19:52:42 UTC
From: Francesco
Topic: 977 Message: 977

Does PFR3 provide a kind of indicator for the received signal?
Thanks in advance.

978. RE: [pfr3_group] S indicator when receiving

Yahoo group: pfr3_group
Date: 2009-07-02 20:37:33 UTC
From: Jerry Haigwood
Topic: 977 Message: 978
Attachments: 2 described; binary payloads are missing from this source WARC

Your ears and the position of the volume control. J

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Francesco
Sent: Thursday, July 02, 2009 12:53 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] S indicator when receiving

Does PFR3 provide a kind of indicator for the received signal?
Thanks in advance.

979. Re: [pfr3_group] S indicator when receiving

Yahoo group: pfr3_group
Date: 2009-07-03 12:39:33 UTC
From: Mike Malone
Topic: 977 Message: 979

We are QRP. Everything is 559. 55n.

Sorry... couldn't resist.

Mike Malone
KD5KXF

On Thu, Jul 2, 2009 at 12:52 PM, Francesco <fparisi@...> wrote:

>
>
> Does PFR3 provide a kind of indicator for the received signal?
> Thanks in advance.
>
>
>

980. Re: S indicator when receiving

Yahoo group: pfr3_group
Date: 2009-07-03 13:04:10 UTC
From: Steven
Topic: 977 Message: 980

No

--- In pfr3_group@yahoogroups.com, "Francesco" <fparisi@...> wrote:
>
> Does PFR3 provide a kind of indicator for the received signal?
> Thanks in advance.
>

981. Noisy Audio with Ext Spkr Amp

Yahoo group: pfr3_group
Date: 2009-07-03 21:23:04 UTC
From: jim.ford15
Topic: 981 Message: 981

I often use an external Radio Shack (LM386) speaker amp instead of using headphones but get a pronounced objectionable hiss in the audio. I think this is due to a noisy LM385 in the PFR or possibly the LM386 in either the PFR or external Radio Shack amp. On headphones the noise is not as bad but still noisier than I think it should be. I tried to look up the LM385 noise specs but I could not find them. Does anybody have any lower noise amp suggestions?

Thanks,

Jim Ford, N6JF

982. Re: [pfr3_group] Noisy Audio with Ext Spkr Amp

Yahoo group: pfr3_group
Date: 2009-07-03 22:38:38 UTC
From: sigcom@juno.com
Topic: 981 Message: 982

Jim,

The RS amp. is a great little unit (I use mine for all sorts of testing) but has -way- too much gain when using it with the PFR. On a trip to the mountains with Mike WA6MER, we did manage to get it below the threshold of pain by finnagling the two volume controls but you're right, there's just too much noise floor in the RS amp. (My opinion is that this is -not- an issue with the 386 in the PFR, per se and the 358 is -not- contributing to the issue).

A more effective solution would be removing the gain boost capacitor from between pins 1 and 8 of the 386 in the RS amp.. That should do the trick for you. If you use the amp. for other testing and need the extra gain, you could install a toggle switch to switch the capacitor in and out.

-OR-

If you don't mind making a simple mod. to the PRF, simply hang a capacitor across pins 1 and 8 of the PFR's 386. I don't recommend the maximum value (10 uF), something smaller will probably be better (see the National Semi datasheet for the details).

Disclaimer: I have not tried this but I don't see why it won't work. It -will- add some noise but not anything like trying to use an unmodified RS amp.. and the PFR's current on receive will be somewhat higher.

Best of luck with the project.

73.......Steve Smith WB6TNL
"Snort Rosin"

---------- Original Message ----------
From: "jim.ford15" <n6jf@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Noisy Audio with Ext Spkr Amp
Date: Fri, 03 Jul 2009 21:23:04 -0000

I often use an external Radio Shack (LM386) speaker amp instead of using headphones but get a pronounced objectionable hiss in the audio. I think this is due to a noisy LM385 in the PFR or possibly the LM386 in either the PFR or external Radio Shack amp. On headphones the noise is not as bad but still noisier than I think it should be. I tried to look up the LM385 noise specs but I could not find them. Does anybody have any lower noise amp suggestions?

Thanks,

Jim Ford, N6JF

983. External battery for PFR3

Yahoo group: pfr3_group
Date: 2009-07-11 17:19:10 UTC
From: Bob
Topic: 983 Message: 983

I recently found what appears to be an excellent battery for the PFR3, KX1, K1 or other QRP rig in the field:

It's a very compact lithium battery pack rated at 12V 3.5Ah - just a little smaller than the KX1 footprint.

I have not used it over many re-charge cycles yet, or measured its performance but it does give several hours' operation with the KX1 and is a great deal lighter and easier to carry than an SLA type. The charger that comes with it looks cheap but works. The battery itself is encased in a metal box with on/off switch. I don't notice any heat when it's being charged.

I have no commercial ties with the guy selling these on eBay and I take no responsibility if you buy one and have any problems. Mine works just fine and I thought it may be of interest to other QRP enthusiasts.

Details are here: http://www.tinyurl.com/QRPbattery

73 Bob G3YIQ

984. New User

Yahoo group: pfr3_group
Date: 2009-07-14 19:24:41 UTC
From: f6ddv
Topic: 984 Message: 984

Hi all of the list
I am a new OM in this group , my Name ils Jean paul LE NAN , my Call F6DDV In France
y have not mounted the PFR3 but perhaps in few time vhen it was possible to purchase it ...
but the DC30B is OK and it is running very good Hi ... but a few modify by others
components
for good start and options RIT and others
Many Thanks and Best 73s tou Yours , ans sorry for my poor english
F6DDV

985. Re: New User

Yahoo group: pfr3_group
Date: 2009-07-15 01:46:33 UTC
From: J.-P. Couture
Topic: 984 Message: 985

Bienvenue Jean-Paul de Jean-Pierre!

VA2SG
- PFR3
- FT817ND

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hi all of the list
> I am a new OM in this group , my Name ils Jean paul LE NAN , my Call F6DDV In France
> y have not mounted the PFR3 but perhaps in few time vhen it was possible to purchase it
...
> but the DC30B is OK and it is running very good Hi ... but a few modify by others
components
> for good start and options RIT and others
> Many Thanks and Best 73s tou Yours , ans sorry for my poor english
> F6DDV
>

986. [pfr3_group] Re: New User

Yahoo group: pfr3_group
Date: 2009-07-15 06:13:13 UTC
From: f6ddv
Topic: 984 Message: 986

OK Jean Pierre Super FB
Je pense que je vais acheter le PFR3 dès que ça sera possible
73S
Jean paul F6DDV
PS: je ne sais pas si je peux utiliser la langue Française et le traducteur ... HI
Je pars jusqu'a Samedi
a +

----- Original Message -----
From: J.-P. Couture
To: pfr3_group@yahoogroups.com
Sent: Wednesday, July 15, 2009 3:46 AM
Subject: [!! SPAM] [pfr3_group] Re: New User

Bienvenue Jean-Paul de Jean-Pierre!

VA2SG
- PFR3
- FT817ND

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hi all of the list
> I am a new OM in this group , my Name ils Jean paul LE NAN , my Call F6DDV In France
> y have not mounted the PFR3 but perhaps in few time vhen it was possible to purchase it
...
> but the DC30B is OK and it is running very good Hi ... but a few modify by others
components
> for good start and options RIT and others
> Many Thanks and Best 73s tou Yours , ans sorry for my poor english
> F6DDV
>

987. Re: Group 2 test fails

Yahoo group: pfr3_group
Date: 2009-07-19 03:41:44 UTC
From: don_k7og
Topic: 967 Message: 987

> I cannot hear the BFO beat note, just the really loud side tone.
>
> Where do I look? I touched up the crystal solder joints three times. I'm at my wits end. I managed to build an MMR-40 that works and other kits so this should work FB.
>
> Don, K7OG
> http://ac7fa.net
>
.....

Thought I would update this. After final assembly the problem with the ATMEGA chip popped up again. If I pushed down on the chip, the BFO would oscillate. I reflowed the socket once again for the fourth or fifth time but still the same problem. I finally spent some quality time with unsolder braid and removed the socket. I don't have any evidence but I suspect the socket was damaged some how. I cannot imagine the PIC chip would respond to pressing down on it. I have a ZIF socket on order from Jameco and hope to put this rig on the air soon. A good mod, if you are just building, would be to buy a 28 pin socket with machine pins for a little insurance.

Don, K7OG
http://k7og.net

988. Re: [pfr3_group] Re: Group 2 test fails

Yahoo group: pfr3_group
Date: 2009-07-19 17:11:24 UTC
From: Steven Weber
Topic: 967 Message: 988

> Thought I would update this. After final assembly the problem with the
> ATMEGA chip popped up again. If I pushed down on the chip, the BFO would
> oscillate. I reflowed the socket once again for the fourth or fifth time
> but still the same problem.

Just because pushing on the processor chip fixes the problem, doesn't always mean the problem is there! The stress on put on the board when pushing on the processor chip goes all over the board.

When tracking down intermitents, I often find the problem far removed from the area of the board which seems most sensitive to the "tap test".

I would take a close look at the SMT parts around the DDS chip and make sure they are soldered on both ends. Also look around U2 and the BFO crystal. The problem is likely in one of these areas.

72, Steve KD1JV

989. Re: Group 2 test fails

Yahoo group: pfr3_group
Date: 2009-07-20 04:27:30 UTC
From: querencias
Topic: 967 Message: 989

Although unlikely it's possible there is a small fracture in the chip in a region that can cause an intermittent connection and yet still not go psychotic or completely cactus fucktus..

I have spent MANY hours tracking down intermittent problems - once at sea on a research vessel in which we had intermittent problems with a device made up of DIP strips and discrete (TTL - a hell of a long time ago) chips. We never found the problem until after a year of intermittent behavior when we disassembled the device and found a hair-line fracture - with exposure to sea air and dirt you can imagine the picture...

please update the list when you get the new socket - nothing will beat a ZIF - will it fit on the board?

Grant / KT6L

--- In pfr3_group@yahoogroups.com, "don_k7og" <don.ac7fa@...> wrote:
>
>
> > I cannot hear the BFO beat note, just the really loud side tone.
> >
> > Where do I look? I touched up the crystal solder joints three times. I'm at my wits end. I managed to build an MMR-40 that works and other kits so this should work FB.
> >
> > Don, K7OG
> > http://ac7fa.net
> >
> ....
>
> Thought I would update this. After final assembly the problem with the ATMEGA chip popped up again. If I pushed down on the chip, the BFO would oscillate. I reflowed the socket once again for the fourth or fifth time but still the same problem. I finally spent some quality time with unsolder braid and removed the socket. I don't have any evidence but I suspect the socket was damaged some how. I cannot imagine the PIC chip would respond to pressing down on it. I have a ZIF socket on order from Jameco and hope to put this rig on the air soon. A good mod, if you are just building, would be to buy a 28 pin socket with machine pins for a little insurance.
>
> Don, K7OG
> http://k7og.net
>

990. Flight of The Bumblebees 2009

Yahoo group: pfr3_group
Date: 2009-07-26 23:05:07 UTC
From: Steven
Topic: 990 Message: 990

This was my first Flight of the Bumblebees and I had a great time. There was no shortage of activity around 14.060mhz. I took the PFR-3 out today it it did a fine job. The more I use this rig the more I like it.

I have posted my full report at http://w6eod.blogspot.com

72,
Steve W6EOD

991. Re: Flight of The Bumblebees 2009

Yahoo group: pfr3_group
Date: 2009-07-26 23:28:52 UTC
From: fghester
Topic: 990 Message: 991

Hey Steve.. Your sig was 559 in Central Illinois as you worked yours truly (Bee #29 / WD9F). I was running my PFR-3 too. Guess we have a "Yellow to Yellow QSO" :-) 72! / Woody

--- In pfr3_group@yahoogroups.com, "Steven" <hortonstevenr@...> wrote:
>
> This was my first Flight of the Bumblebees and I had a great time. There was no
> shortage of activity around 14.060mhz. I took the PFR-3 out today it it did a fine job. The more I use this rig the more I like it.
>
> I have posted my full report at http://w6eod.blogspot.com
>
> 72,
> Steve W6EOD
>

992. Re: Flight of The Bumblebees 2009

Yahoo group: pfr3_group
Date: 2009-07-27 00:43:37 UTC
From: Steven
Topic: 990 Message: 992

Woody,
I noticed the category for "Most Interesting Equipment" on the ARS website. If we don't win it I don't know what will. If we were BB's with yellow and black rigs and they don't pick us, then we must be way off!!! Good to hear you and great signal!

Steve W6EOD

--- In pfr3_group@yahoogroups.com, "fghester" <fghester@...> wrote:
>
> Hey Steve.. Your sig was 559 in Central Illinois as you worked yours truly (Bee #29 / WD9F). I was running my PFR-3 too. Guess we have a "Yellow to Yellow QSO" :-) 72! / Woody
>
> --- In pfr3_group@yahoogroups.com, "Steven" <hortonstevenr@> wrote:
> >
> > This was my first Flight of the Bumblebees and I had a great time. There was no
> > shortage of activity around 14.060mhz. I took the PFR-3 out today it it did a fine job. The more I use this rig the more I like it.
> >
> > I have posted my full report at http://w6eod.blogspot.com
> >
> > 72,
> > Steve W6EOD
> >
>

993. FOBB 2009 and memory keyer

Yahoo group: pfr3_group
Date: 2009-07-27 02:55:02 UTC
From: w0ese
Topic: 993 Message: 993

Used the yellow radio this year in FOBB. The yellow reminds me more of "civil defense Yellow" than bumble bees so it sports a "CD" logo (center of front panel). Kindda looks like a mini Gonset "Gooney bird". The little radio did great matched up with a W3EDP set up like an inverted L up about 25 feet.

Wish the memory keyer worked better. It seems to enjoy botching my call sign about every 4th time. This issue has happened since it was born but usually does not bother me. It would have been nice to use it to call CQ for the contest but I just don't have enough confidence it using it.

-WØESE

994. Optimal Wire & Feedline Length

Yahoo group: pfr3_group
Date: 2009-07-27 21:58:04 UTC
From: Steven
Topic: 994 Message: 994

I intend to make a center fed antenna with twin lead as a feeder, for use with my PFR-3. Has anyone found the optimal length of wire and feedline?

So far it has been hit and miss with the antennas that I have been using. The BLT is very moody in my opinion. I know that the construction of my BLT is solid and correct according to the directions. Any thoughts would be greatly appreciated.

Steve W6EOD

995. Re: Optimal Wire & Feedline Length

Yahoo group: pfr3_group
Date: 2009-07-27 23:08:29 UTC
From: wb8yyy_curt
Topic: 994 Message: 995

Steve

definitely check out your pfr-3 tuning antennas you are familiar with. for a 40-20 m rig, i would consider these options:

a) end fed wire around 60 feet -- attach a counterpoise of say 15-20 feet on the other terminal. rationale - 66 feet is a half wave on 40. i used this a couple times with my rig when it was convenient to not have a t-line

b) try a center fed with twin lead at least 22 feet on each leg - i would not go any shorter than that.

i would travel with a and b both, and use what fits the situation.

also if your rig is an early one, make sure you are using the revised instructions for the BLT transformer. with the original design it would not match well on 20m.

the rig is nice but not quite plug-and-play -- of course this is supposed to be an experimental hobby!

73 curt

--- In pfr3_group@yahoogroups.com, "Steven" <hortonstevenr@...> wrote:
>
> I intend to make a center fed antenna with twin lead as a feeder, for use with my PFR-3. Has anyone found the optimal length of wire and feedline?
>
> So far it has been hit and miss with the antennas that I have been using. The BLT is very moody in my opinion. I know that the construction of my BLT is solid and correct according to the directions. Any thoughts would be greatly appreciated.
>
> Steve W6EOD
>

996. Re: [pfr3_group] Optimal Wire & Feedline Length

Yahoo group: pfr3_group
Date: 2009-07-28 00:25:20 UTC
From: Ed - K9EW
Topic: 994 Message: 996

Hi Steve,

It sounds like you're describing a 44-foot doublet. Each arm is 22 feet long, and it's fed with 300 or 450 ohm line. Why 44 feet? LB Cebik (SK) has an article that shows that this antenna will radiate broadside to the wire (just like a regular half-wave dipole) on 40 - 10meters. I like that because then I know what direction my power is going. It requires a balanced line tuner, and I use a BLT available in kit form from Hendricks QRP Kits. I use mine in an inverted vee configuration, since that only requires one "skyhook". Since you're using a PFR-3, you can cover 40, 30, and 20m with this single antenna - another nice feature.

The thing I like about this antenna compared to an end-fed wire is that - for a given height above ground (30 feet is convenient), the results are predictable.

I used the 44-foot dipole as an inverted vee in the Flight of the Bumblebees contest this weekend running 2 watts from my Wilderness Sierra, and I like it.

73,
ed - k9ew
www.k9ew.us

On Mon, Jul 27, 2009 at 4:58 PM, Steven<hortonstevenr@...> wrote:
>
>
> I intend to make a center fed antenna with twin lead as a feeder, for use
> with my PFR-3. Has anyone found the optimal length of wire and feedline?
>
> So far it has been hit and miss with the antennas that I have been using.
> The BLT is very moody in my opinion. I know that the construction of my BLT
> is solid and correct according to the directions. Any thoughts would be
> greatly appreciated.
>
> Steve W6EOD
>
>

997. RE: [pfr3_group] Optimal Wire & Feedline Length

Yahoo group: pfr3_group
Date: 2009-07-28 01:15:03 UTC
From: Paul Feltz
Topic: 994 Message: 997

I don't use the BLT. I use inverted Vees. Have seperate lengths for 40M and 30M all set up in break down kits. Have not yet run 20M.

Paul WA0VDM

To: pfr3_group@yahoogroups.com
From: hortonstevenr@...
Date: Mon, 27 Jul 2009 21:58:04 +0000
Subject: [pfr3_group] Optimal Wire & Feedline Length

I intend to make a center fed antenna with twin lead as a feeder, for use with my PFR-3. Has anyone found the optimal length of wire and feedline?

So far it has been hit and miss with the antennas that I have been using. The BLT is very moody in my opinion. I know that the construction of my BLT is solid and correct according to the directions. Any thoughts would be greatly appreciated.

Steve W6EOD

_____
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998. RE: [pfr3_group] Optimal Wire & Feedline Length

Yahoo group: pfr3_group
Date: 2009-07-28 13:55:00 UTC
From: Henry Schneider
Topic: 994 Message: 998

44 feet on each side

--- On Mon, 7/27/09, Paul Feltz <paulfeltz@...m> wrote:

From: Paul Feltz <paulfeltz@...>
Subject: RE: [pfr3_group] Optimal Wire & Feedline Length
To: pfr3_group@yahoogroups.com
Date: Monday, July 27, 2009, 8:15 PM

I don't use the BLT. I use inverted Vees. Have seperate lengths for 40M and 30M all set up in break down kits. Have not yet run 20M.

Paul WA0VDM

To: pfr3_group@yahoogro ups.com
From: hortonstevenr@ yahoo.com
Date: Mon, 27 Jul 2009 21:58:04 +0000
Subject: [pfr3_group] Optimal Wire & Feedline Length

I intend to make a center fed antenna with twin lead as a feeder, for use with my PFR-3. Has anyone found the optimal length of wire and feedline?

So far it has been hit and miss with the antennas that I have been using. The BLT is very moody in my opinion. I know that the construction of my BLT is solid and correct according to the directions. Any thoughts would be greatly appreciated.

Steve W6EOD

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999. Re: [pfr3_group] Optimal Wire & Feedline Length

Yahoo group: pfr3_group
Date: 2009-07-28 15:22:41 UTC
From: Steven Weber
Topic: 994 Message: 999

I concure that a "44" is the best CF antenna to use, as it will work on all three bands. I have tested this antenna with the PFR-3 and was able to match on all three bands with no problem. Just make sure the feed line length is not close to odd multiples of 1/4 wave on any of the bands.

72, Steve KD1JV

1000. Optimal feed line length

Yahoo group: pfr3_group
Date: 2009-07-28 17:01:32 UTC
From: David Wilcox
Topic: 1000 Message: 1000

Guys,

I have one of the first PR-3s right from the hands of Doug himself at Dayton in 2008. It has the original BLT coil (un-modified).

Last night I had a few minutes and cut 50 feet of four conductor computer wire into a NorCal Doublet. I strung it up in the center on a Black Widow 20 foot fishing pole on the lawn at my cottage. It tuned beautifully on all three bands. I have other antennas I use with this rig but for simplicity and low cost this antenna can't be beat. Try it. You'll like it!

Dave K8WPE

1001. Re: Optimal Wire & Feedline Length

Yahoo group: pfr3_group
Date: 2009-07-28 23:12:39 UTC
From: Steven
Topic: 994 Message: 1001

Steve,
Can you expound upon the 1/4 on each ban part? I haven't got that burned into my brain yet.

Steve W6EOD

--- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@...> wrote:
>
> I concure that a "44" is the best CF antenna to use, as it will work on all
> three bands. I have tested this antenna with the PFR-3 and was able to match
> on all three bands with no problem. Just make sure the feed line length is
> not close to odd multiples of 1/4 wave on any of the bands.
>
> 72, Steve KD1JV
>

1002. Re: Optimal Wire & Feedline Length

Yahoo group: pfr3_group
Date: 2009-07-30 02:39:27 UTC
From: Steven
Topic: 994 Message: 1002

What are my ideal feedline lengths for the 44' (total) dipole? I read on the NORCAL web page that 28' is a good start. What are lengths to avoid?

Steve W6EOD

--- In pfr3_group@yahoogroups.com, "Steven" <hortonstevenr@...> wrote:
>
> Steve,
> Can you expound upon the 1/4 on each ban part? I haven't got that burned into my brain yet.
>
> Steve W6EOD
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@> wrote:
> >
> > I concure that a "44" is the best CF antenna to use, as it will work on all
> > three bands. I have tested this antenna with the PFR-3 and was able to match
> > on all three bands with no problem. Just make sure the feed line length is
> > not close to odd multiples of 1/4 wave on any of the bands.
> >
> > 72, Steve KD1JV
> >
>

1003. RE: [pfr3_group] Re: Optimal Wire & Feedline Length

Yahoo group: pfr3_group
Date: 2009-07-30 09:40:58 UTC
From: Paul Feltz
Topic: 994 Message: 1003

I just ordered a "dublet" from e-Bay and sold by a ham. His is 46' (total dipole). Sold as "QRP HF Portable Backback Doublet Antenna 10-40 meters". In his letter of thanks to the seller, he said he has sold many of these and had no complaints. $15 plus shipping.

73 Paul, WA0VDM

To: pfr3_group@yahoogroups.com
From: hortonstevenr@...
Date: Thu, 30 Jul 2009 02:39:27 +0000
Subject: [pfr3_group] Re: Optimal Wire & Feedline Length

What are my ideal feedline lengths for the 44' (total) dipole? I read on the NORCAL web page that 28' is a good start. What are lengths to avoid?

Steve W6EOD

--- In pfr3_group@yahoogroups.com, "Steven" <hortonstevenr@...> wrote:
>
> Steve,
> Can you expound upon the 1/4 on each ban part? I haven't got that burned into my brain yet.
>
> Steve W6EOD
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@> wrote:
> >
> > I concure that a "44" is the best CF antenna to use, as it will work on all
> > three bands. I have tested this antenna with the PFR-3 and was able to match
> > on all three bands with no problem. Just make sure the feed line length is
> > not close to odd multiples of 1/4 wave on any of the bands.
> >
> > 72, Steve KD1JV
> >
>

_____
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1004. K7DD is going to CactusCon 2009 in Flagstaff.

Yahoo group: pfr3_group
Date: 2009-07-30 22:28:12 UTC
From: Michael Baker
Topic: 1004 Message: 1004

Hey Gang,

Well plans have changed twice but the final/final plan is to pick up
the XYL after work at 13:30 hrs and head North.
That should put us at Flagstaff in time for a brief check in and
drop the bags, find out where everyone is going for dinner and still get
there on time!
I'll be taking the IC-703+ in the truck along with a Hamstick for
20M and a 6 meter antenna.
The PFR3,Baby Black Widow and PAR Dual bander 40/20 will tag along
as well as my portable vertical. Just in case I get the chance to get on the
air.
Saturday at the forums and the pot luck dinner and then Sunday down
the road to Seligman to visit Mom. Home on Sunday evening.
Should be a full weekend. I only wish I could have gone up earlier but I'll
takes what I can gets. ;>)

I'll be listening on the way up between 14.06 and 50.125.

Michael Baker K7DD
k7dd@...

1005. Re: Group 2 test fails

Yahoo group: pfr3_group
Date: 2009-08-05 19:30:08 UTC
From: don_k7og
Topic: 967 Message: 1005

Final update on this topic. I sent the rig to Mr. Melt Solder who found the DDS chip needing a little solder and a shorted X2. With the rig returned aligned and tuned, I'm a happy camper.

--- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@...> wrote:
>
> > Thought I would update this. After final assembly the problem with the
> > ATMEGA chip popped up again. If I pushed down on the chip, the BFO would
> > oscillate. I reflowed the socket once again for the fourth or fifth time
> > but still the same problem.
>

1006. My best PFR-3 DX .

Yahoo group: pfr3_group
Date: 2009-08-13 16:45:15 UTC
From: Michael
Topic: 1006 Message: 1006

Last evening at 2314 utc i was able to work K9KLR 339/219 using my pfr-3 with inverted v dipole at around 25 feet.
Working from my /p location in the Outer hebrides on the west coast of Scotland,photos on Flickr just search "g0bpu".
73 Mike G0BPU/GM0BPU/P

1007. Re: My best PFR-3 DX .

Yahoo group: pfr3_group
Date: 2009-08-13 17:37:51 UTC
From: Michael
Topic: 1006 Message: 1007

--- In pfr3_group@yahoogroups.com, "Michael" <mike@...> wrote:
>
> Last evening at 2314 utc i was able to work K9KLR 339/219 using my pfr-3 with inverted v dipole at around 25 feet.
> Working from my /p location in the Outer hebrides on the west coast of Scotland,photos on Flickr just search "g0bpu".
> 73 Mike G0BPU/GM0BPU/P
>
Sri ..14.060Mhz
Mike G0BPU

1008. Re: My best PFR-3 DX .

Yahoo group: pfr3_group
Date: 2009-08-13 19:11:54 UTC
From: k2qpn
Topic: 1006 Message: 1008

My best PFR3 DX is VQ9RD on 40 meters. The antenna was a ground mounted hustler vertical - 1879 miles per watt. I also got my QRP DXCC certificate form the ARRL - all conracts with a PFR3 and a vertical.

73 Bob K2QPN

-- In pfr3_group@yahoogroups.com, "Michael" <mike@...> wrote:
>
> Last evening at 2314 utc i was able to work K9KLR 339/219 using my pfr-3 with inverted v dipole at around 25 feet.
> Working from my /p location in the Outer hebrides on the west coast of Scotland,photos on Flickr just search "g0bpu".
> 73 Mike G0BPU/GM0BPU/P
>

1009. Complete Kits

Yahoo group: pfr3_group
Date: 2009-08-17 21:45:11 UTC
From: dstroud27
Topic: 1009 Message: 1009

I don't have a lot of experience building kits at all but I was interested in the PFR3 with paddles. Is there anyone that visits here that makes completed kits?

1010. RE: [pfr3_group] Complete Kits

Yahoo group: pfr3_group
Date: 2009-08-17 21:55:53 UTC
From: Dale Putnam
Topic: 1009 Message: 1010

If you'd like to ship or have the kit shipped to me, I will be happy to build it for you, tune it, document the specs and keep you informed as to the progress along the way. There are a couple questions that I would be asking, one about the paddles, and second about the batteries. And the charges usually run about 10 or 12 dollars for the shipping each way. But we figure that out afterwards.

I've been building for many years, and am in commercial communications, and have been for the same years. I'd be happy to help you get a PFR3 on the air.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: dstroud27@...
Date: Mon, 17 Aug 2009 21:45:11 +0000
Subject: [pfr3_group] Complete Kits

I don't have a lot of experience building kits at all but I was interested in the PFR3 with paddles. Is there anyone that visits here that makes completed kits?

_____
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1011. Re: Complete Kits

Yahoo group: pfr3_group
Date: 2009-08-17 22:05:39 UTC
From: Jerry Palsson
Topic: 1009 Message: 1011

Sorry, I'm not aware of anyone who advertises such a service, but someone might step forward and offer to do it (for a fee, probably).

By the way, the designer, Steve Weber, KD1JV, will fix problems with a PFR-3 for a flat $35.

Jerry AA6KI

--- In pfr3_group@yahoogroups.com, "dstroud27" <dstroud27@...> wrote:
>
> I don't have a lot of experience building kits at all but I was interested in the PFR3 with paddles. Is there anyone that visits here that makes completed kits?
>

1012. PFR3 builder

Yahoo group: pfr3_group
Date: 2009-08-18 03:30:00 UTC
From: Dale Putnam
Topic: 1012 Message: 1012

Actually, there is someone that builds PFR3 rigs. Optimizes and documents the specs, and when done ships them to the owner, well packed. He is happy to help those that can't build for whatever reason. The cost is the actual cost of shipping, to and from.

No he hasn't advertised, and he isn't flash fast either.. just very good at what he does, and that is to provide the step that some have difficulty with.

--... ..---

Dale - WC7S in Wy

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1013. Re: [pfr3_group] PFR3 builder

Yahoo group: pfr3_group
Date: 2009-08-18 15:38:25 UTC
From: Dennis King
Topic: 1012 Message: 1013

If there is someone out there who is doing this, it would be nice if they could provide the optimized the documents as this seems to be the biggest weakness in the product.

Best regards,

Dennis King

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Monday, August 17, 2009 8:30:00 PM
Subject: [pfr3_group] PFR3 builder

Actually, there is someone that builds PFR3 rigs. Optimizes and documents the specs, and when done ships them to the owner, well packed. He is happy to help those that can't build for whatever reason. The cost is the actual cost of shipping, to and from.
No he hasn't advertised, and he isn't flash fast either.. just very good at what he does, and that is to provide the step that some have difficulty with.

--... ..---
Dale - WC7S in Wy

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1014. RE: [pfr3_group] PFR3 builder

Yahoo group: pfr3_group
Date: 2009-08-18 16:07:34 UTC
From: Dale Putnam
Topic: 1012 Message: 1014

Hi Dennis and all,

The optimized docs are individualized, as these are kits, and are not a production run, each radio may and do contain specifications that are individual to that particular radio. The specs could be averaged, and be presented as a not to exceed figure, however, that leads to other than specifics. And one should also take into consideration that each kit is not serial numbered.

for example:

PRF-3
Built for WD9F
By WC7S
Quality Electronics
5503 N. College Dr.
Cheyenne, Wy. 82009
12 June 2009
Specifications as measured
Tx into 50 ohm load
using General Dynamics R2600 System Analyzer
On indicated freq +/- >10 cycles.
Band Rx mds Tx pwr I(tx)-9.6/12/0vdc
40 .12uv/-125.4dbm 3.09/4.9 410/600ma
30 .11uv/--125.9dbm 3.63/5.75 600/700
20 .1uv/-126.4dbm 3.63/5.49 610/790
Nominal voltage 9.6/12.0
Your individual kit may, more than likely will be very similar.

--... ..---

Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: n6kd@...
Date: Tue, 18 Aug 2009 08:38:25 -0700
Subject: Re: [pfr3_group] PFR3 builder

If there is someone out there who is doing this, it would be nice if they could provide the optimized the documents as this seems to be the biggest weakness in the product.

Best regards,

Dennis King

From: Dale Putnam <daleputnam@hotmail.com>
To: pfr3_group@yahoogroups.com
Sent: Monday, August 17, 2009 8:30:00 PM

Subject: [pfr3_group] PFR3 builder

Actually, there is someone that builds PFR3 rigs. Optimizes and documents the specs, and when done ships them to the owner, well packed. He is happy to help those that can't build for whatever reason. The cost is the actual cost of shipping, to and from.
No he hasn't advertised, and he isn't flash fast either.. just very good at what he does, and that is to provide the step that some have difficulty with.

--... ..---
Dale - WC7S in Wy

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http://windowslive.com/Campaign/SocialNetworking?ocid=PID23285::T:WLMTAGL:ON:WL:en-US:SI_SB_facebook:082009

1015. Decals for PFR3 Charge Mod ???

Yahoo group: pfr3_group
Date: 2009-08-26 03:55:49 UTC
From: Mecsr
Topic: 1015 Message: 1015

Trying to contact WA4MNT in reference to getting decals for PFR3 Charge mod.
I am going to make the mod and was wondering where to get the decals for the toggle switch.

Mecsr MikeSr AB7OC

1016. Mod to shorten paddles,info needed

Yahoo group: pfr3_group
Date: 2009-08-26 04:55:52 UTC
From: Mecsr
Topic: 1016 Message: 1016

Several Months ago I saw a Mod to shorten the length of the paddles, that said it improved the "feel" of them and kinda made the whole kit alittle smaller. Does anyone have a link to the info they put out about the Mod?? (specs.,info about doing the mod). I searched the messages using a reference about the mod but couldn't find anything.

Mecsr Mike Califf,Sr. AB7OC

1017. Re: Mod to shorten paddles,info needed

Yahoo group: pfr3_group
Date: 2009-08-26 06:57:43 UTC
From: poeli111
Topic: 1016 Message: 1017

Hello Mike, see messgae no 946.

http://groups.yahoo.com/group/pfr3_group/message/946
<http://groups.yahoo.com/group/pfr3_group/message/946>

73 Christian DL1ELU

--- In pfr3_group@yahoogroups.com, "Mecsr" <mecsr@...> wrote:
>
> Several Months ago I saw a Mod to shorten the length of the paddles,
that said it improved the "feel" of them and kinda made the whole kit
alittle smaller. Does anyone have a link to the info they put out about
the Mod?? (specs.,info about doing the mod). I searched the messages
using a reference about the mod but couldn't find anything.
>
> Mecsr Mike Califf,Sr. AB7OC
>

1018. Antenna Tuner "reflections"

Yahoo group: pfr3_group
Date: 2009-08-26 18:03:46 UTC
From: orangelite
Topic: 1018 Message: 1018

Hi - I am just back from my first "field" use of the PFR: I was in N. California camping with my bro on the Trinity river, near Willow Creek off Hwy 299. I used a 3.5 Ah gel cell and a 48 ft longwire antenna with 1/4 wave ground counterpoises for each band.

My experience using the radio from the camp made me feel MUCH better about the built-in BLT: I was initially concerned that the tuner light did not dim all the way on 30 and 40. This fear was erased when I was able to work east coast stations on both bands. On 40, the light BARELY dimmed and I got out just fine. Upon return and fiddling around with the rig with a swr meter, I note that when the light barely dims, it is about a 2:1 match... not bad.

I have seen this mentioned before here, but felt I should chime in again; it might save some of you from fiddling with the beastly BLT torroid... it works better than you might think! In MY experience, if the tune LED dims even a little, it will work stations...

I will be QRV with the PFR from WA coast backpacking campsites Sept 2 - 6. Vertical wire next to salt water... Yee-haw...

73 de John, K7HV

1019. Re: Antenna Tuner "reflections"

Yahoo group: pfr3_group
Date: 2009-08-26 22:04:44 UTC
From: n3ham1
Topic: 1018 Message: 1019

I've been doing some backyard portable using my S9 vertical with 40 buried radials. It's a non resonant antenna so instead of hauling a tuner around I'm using the PFR3's with a banana plug to coax adapter and barrel connector. It seems to work just fine.
73 Jerry N3ham
--- In pfr3_group@yahoogroups.com, "orangelite" <jparnell@...> wrote:
>
> Hi - I am just back from my first "field" use of the PFR: I was in N. California camping with my bro on the Trinity river, near Willow Creek off Hwy 299. I used a 3.5 Ah gel cell and a 48 ft longwire antenna with 1/4 wave ground counterpoises for each band.
>
> My experience using the radio from the camp made me feel MUCH better about the built-in BLT: I was initially concerned that the tuner light did not dim all the way on 30 and 40. This fear was erased when I was able to work east coast stations on both bands. On 40, the light BARELY dimmed and I got out just fine. Upon return and fiddling around with the rig with a swr meter, I note that when the light barely dims, it is about a 2:1 match... not bad.
>
> I have seen this mentioned before here, but felt I should chime in again; it might save some of you from fiddling with the beastly BLT torroid... it works better than you might think! In MY experience, if the tune LED dims even a little, it will work stations...
>
> I will be QRV with the PFR from WA coast backpacking campsites Sept 2 - 6. Vertical wire next to salt water... Yee-haw...
>
> 73 de John, K7HV
>

1020. LPF adjustment...

Yahoo group: pfr3_group
Date: 2009-08-28 20:01:56 UTC
From: iapizloj
Topic: 1020 Message: 1020

Folks,
I have enjoyed the last two days of my holidays building a PFR3.
Other than a little detective work and a big loupe to trace down two or three SMD parts "half soldered", the rest is history.
Following some advices on the group I have used the BLT manual to get some hints for the preparation of the big toroid, and the advice from W4DU's review on "tagging" the wires.
Reception is OK, and power too, over 5 watts. I wonder how important is to tweek the LPF coils to reduce the power to 5 watts.
Any hints?
jon,ea2sn

1021. PFR-3 my best portable rig!

Yahoo group: pfr3_group
Date: 2009-09-01 01:30:51 UTC
From: fghester
Topic: 1021 Message: 1021

After almost two months of heavy use I'm ready to declare the PFR-3 my best portable rig. I'm comparing it to a shelf full of kit & commercial QRP rigs. Having the self contained batteries, the built in tuner, the versatility of antenna selection & power sources plus the great receiver packaged in the sturdy PFR-3 package, nothing I already have comes close to beating it....and I've even learned to like the color. Thanks to Steve and Doug for this awesome little gift! / Woody / WD9F

1022. RE: [pfr3_group] PFR-3 my best portable rig!

Yahoo group: pfr3_group
Date: 2009-09-01 02:26:47 UTC
From: Dale Putnam
Topic: 1021 Message: 1022

that is very cool Woody... very cool!!

It is a good radio. But better when you tell the guys responsible for it too.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: fghester@...
Date: Tue, 1 Sep 2009 01:30:51 +0000
Subject: [pfr3_group] PFR-3 my best portable rig!

After almost two months of heavy use I'm ready to declare the PFR-3 my best portable rig. I'm comparing it to a shelf full of kit & commercial QRP rigs. Having the self contained batteries, the built in tuner, the versatility of antenna selection & power sources plus the great receiver packaged in the sturdy PFR-3 package, nothing I already have comes close to beating it....and I've even learned to like the color. Thanks to Steve and Doug for this awesome little gift! / Woody / WD9F

_____
Windows Live: Keep your friends up to date with what you do online.
http://windowslive.com/Campaign/SocialNetworking?ocid=PID23285::T:WLMTAGL:ON:WL:en-US:SI_SB_online:082009

1023. Re: [pfr3_group] PFR-3 my best portable rig!

Yahoo group: pfr3_group
Date: 2009-09-01 12:56:19 UTC
From: Carey Magee (K2RNY)
Topic: 1021 Message: 1023

OK, then. That locks it for me ! I am putting it on Santa's list this year.

Thanks all for the great info posted on this site. I can't wait until Christmas!!

Mr. Carey Magee, K2RNY
Secretary, RDXA, Inc. (W2RDX)
Rochester, NY
==========
The New York State QSO Party - Saturday, Oct. 17, 2009: 1800 UTC thru Oct. 18, 0600 - 12 Hours
Email: info@... Web: www.nyqp.org

----- Original Message -----
From: "fghester" <fghester@yahoo.com>
To: "pfr3 group" <pfr3_group@yahoogroups.com>
Sent: Monday, August 31, 2009 9:30:51 PM GMT -05:00 US/Canada Eastern
Subject: [pfr3_group] PFR-3 my best portable rig!

After almost two months of heavy use I'm ready to declare the PFR-3 my best portable rig. I'm comparing it to a shelf full of kit & commercial QRP rigs. Having the self contained batteries, the built in tuner, the versatility of antenna selection & power sources plus the great receiver packaged in the sturdy PFR-3 package, nothing I already have comes close to beating it....and I've even learned to like the color. Thanks to Steve and Doug for this awesome little gift! / Woody / WD9F

1024. Re: PFR-3 my best portable rig!

Yahoo group: pfr3_group
Date: 2009-09-01 14:34:44 UTC
From: cyclist@sbcglobal.net
Topic: 1021 Message: 1024

I agree Woody, except for the comment about the color. That's the best part of the PFR3. You can flash it at the stream you are fishing to attract the fish or in an emergency use it to catch the attention of the rescue helicopter. I may even solder all the parts together someday and put them into the case!

Tim, k6om

--- In pfr3_group@yahoogroups.com, "fghester" <fghester@...> wrote:
>
> After almost two months of heavy use I'm ready to declare the PFR-3 my best portable rig. I'm comparing it to a shelf full of kit & commercial QRP rigs. Having the self contained batteries, the built in tuner, the versatility of antenna selection & power sources plus the great receiver packaged in the sturdy PFR-3 package, nothing I already have comes close to beating it....and I've even learned to like the color. Thanks to Steve and Doug for this awesome little gift! / Woody / WD9F
>

1025. PFR in the Field

Yahoo group: pfr3_group
Date: 2009-09-08 06:49:12 UTC
From: orangelite
Topic: 1025 Message: 1025

I finally took the PFR into the "field". I spent 4 days camping in on a wilderness beach on Wa state's Olympic Penninsula. I was impressed by the durability of the unit: I dropped it TWICE, once on a log another face down on to wet sand. It didn't miss a beat. I also realize why they wanted it yellow: it makes it hard to lose or step on. Using a 55 ft end fed longwire angled up to 35 ft (and 1/4 wave counterpoises), I worked ZL, FO8, KH6 and all over the US. Several observations:

- When it rained, to protect the PFR, I used 3 ft of RG-58 jumper to Emtech ZM2 tuner in a ziplock bag at the edge of the tarp. I wicked the water away from the tuner by tying a foot of nylon line to the wire where it entered the tarp; this diverted the water away from wire before it went to the tuner. I was thinking that I could have used my small (waterproof) 1:1 and 1:4 baluns in the same manner and used the internal tuner. I will bring them next time.

- I found that my 55ft wire would not tune on 40, so I had to use my Emtech tuner to go there. (even tho it tune on 40 at the home qth during a test!) I also noted that the radio played better with the antenna in an inverted L (20 ft vertical,35 horizontal) configuration vs the straight, angled wire going to the tree.

- I REALLY want to figure out how to use my lightweight solar panels to charge the internal batteries. I note the great schematic (pfr3 charge 8-10-08.pdf) in the files section here, but I am not sure of the value of R to use the panels 15.1 V output and my 2500 Ah AAs... This would save me from having to carry the 5lb gel cell! Anybody else here use small solar panels to charge their internal bats?

Last but certainly not least, I had a GREAT Q5 "Yellow to Yellow" QSO with KF7CX - my first. We chatted for a good 20 minutes without a hitch. Thanks Joe!

Here is a link to a short youtube video of the operation:

http://www.youtube.com/watch?v=yjxh_9y4Js4

and a set of photos on flickr:

http://www.flickr.com/photos/longwire/sets/72157622299391928/

73 de John, K7HV

1026. RE: [pfr3_group] PFR in the Field

Yahoo group: pfr3_group
Date: 2009-09-08 08:09:11 UTC
From: Keith Williams
Topic: 1025 Message: 1026

Great video John, really down to the QRP roots I reckon, inspired, I just went to the Hendricks website and added another PFR-3 to my cart!

I sold the previous one to a Russian colleague of mine, (Arthur RM9WA) here on Sakhalin Island, so listen out for him!

I have a 'nice' K1, but I like the balanced line/BLT option on the PFR-3 and the ease of use in the field (as it was designed for). Also, the K1 is twice the price of a PFR-3 by the time it arrives in the UK...no contest, the 'yellow box' is a great value for money rig that can withstand the rigours of rough field work.

Incidentally Maplin in the UK, appear to have a cheap (30 GBP) version of the Peli case, under the heading of High Impact Case, (always a neat idea for transporting these units).

73 de Keith GW4OKT

To: pfr3_group@yahoogroups.com
From: jparnell@...
Date: Tue, 8 Sep 2009 06:49:12 +0000
Subject: [pfr3_group] PFR in the Field

I finally took the PFR into the "field". I spent 4 days camping in on a wilderness beach on Wa state's Olympic Penninsula. I was impressed by the durability of the unit: I dropped it TWICE, once on a log another face down on to wet sand. It didn't miss a beat. I also realize why they wanted it yellow: it makes it hard to lose or step on. Using a 55 ft end fed longwire angled up to 35 ft (and 1/4 wave counterpoises), I worked ZL, FO8, KH6 and all over the US. Several observations:

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73 de John, K7HV

_____
Learn how to add other email accounts to Hotmail in 3 easy steps.
http://clk.atdmt.com/UKM/go/167688463/direct/01/

1027. Re: PFR in the Field

Yahoo group: pfr3_group
Date: 2009-09-08 18:57:03 UTC
From: g0bpu
Topic: 1025 Message: 1027

Thanks for sharing the nice activity report and video John.

I have also had the problem of antennas tuning up well in the back yard

then for some reason they refuse to play when out in the field (or up on a hill).

Favorite antenna at the moment is the End Fed Half wave on 7Mhz,

This I find also tunes well on 10 & 14Mhz with the PFR-3 tuner.

I have a photo's of this years SOTA activations

at http://www.flickr.com/photos/g0bpu/
<http://www.flickr.com/photos/g0bpu/>

72/73 Mike G0BPU

1028. Re: [pfr3_group] PFR in the Field

Yahoo group: pfr3_group
Date: 2009-09-16 23:36:54 UTC
From: pablo kiryluk
Topic: 1025 Message: 1028

great mail John! thank you for sharing...would you suggest me a link to have
a better look at your camp antenna configuration?
73
Pablo

2009/9/8 orangelite <jparnell@...>

>
>
> I finally took the PFR into the "field". I spent 4 days camping in on a
> wilderness beach on Wa state's Olympic Penninsula. I was impressed by the
> durability of the unit: I dropped it TWICE, once on a log another face down
> on to wet sand. It didn't miss a beat. I also realize why they wanted it
> yellow: it makes it hard to lose or step on. Using a 55 ft end fed longwire
> angled up to 35 ft (and 1/4 wave counterpoises), I worked ZL, FO8, KH6 and
> all over the US. Several observations:
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> - When it rained, to protect the PFR, I used 3 ft of RG-58 jumper to Emtech
> ZM2 tuner in a ziplock bag at the edge of the tarp. I wicked the water away
> from the tuner by tying a foot of nylon line to the wire where it entered
> the tarp; this diverted the water away from wire before it went to the
> tuner. I was thinking that I could have used my small (waterproof) 1:1 and
> 1:4 baluns in the same manner and used the internal tuner. I will bring them
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>
> - I found that my 55ft wire would not tune on 40, so I had to use my Emtech
> tuner to go there. (even tho it tune on 40 at the home qth during a test!) I
> also noted that the radio played better with the antenna in an inverted L
> (20 ft vertical,35 horizontal) configuration vs the straight, angled wire
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> - I REALLY want to figure out how to use my lightweight solar panels to
> charge the internal batteries. I note the great schematic (pfr3 charge
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> to use the panels 15.1 V output and my 2500 Ah AAs... This would save me
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>
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>
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>
> and a set of photos on flickr:
>
> http://www.flickr.com/photos/longwire/sets/72157622299391928/
>
> 73 de John, K7HV
>
>
>

1029. Poly Varicap C1/C2

Yahoo group: pfr3_group
Date: 2009-09-22 02:15:58 UTC
From: kprice2982
Topic: 1029 Message: 1029

New builder here and maybe a silly question. The instructions call for placing the washer between the board and the poly varicap. Am I supposed to use the plastic washers and the pan head screws to secure this to the board? If the pan head screws, then shouldn't I have 6 of them since I will use 2 per poly varicap and I have 3 poly varicaps (2 x 3 = 6)? I only have 4 of those screws.

Thanks
Keith, WA5LPW

1030. Re: [pfr3_group] Poly Varicap C1/C2

Yahoo group: pfr3_group
Date: 2009-09-22 17:17:32 UTC
From: hzp_electronics@juno.com
Topic: 1029 Message: 1030
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1031. Counting Turns on winding toroids L1 and T1

Yahoo group: pfr3_group
Date: 2009-09-24 16:47:24 UTC
From: K Price
Topic: 1031 Message: 1031
Attachments: 2 described; binary payloads are missing from this source WARC

Working on my pfr-3 and have attached two photos of L1 & T1. FYI ... If the photos don't make it through I will post them on my web-site and send a link. I am trying to make sure that I have counted the turns correctly. My count is the wire that I see "ON" the core. On T1 I have only wound the first 40 turns. I am concerned because the photo in the build manual shows the next part of T1 having a 5 turn secondary winding. When I count the turns in the manual it looks like 4 instead of 5. Is there something I am missing?

Keith Price (WA5LPW)
901-763-1275 (home) / 901-409-1432 (cell)

Micah 6:8 (NIV)
He has showed you, O man, what is good.
And what does the LORD require of you?
To act justly and to love mercy
and to walk humbly with your God.

www.wa5lpw.com / www.keithpricephotography.com

FISTS Member # 12699, SKCC # 3004
Flying Pig QRP # 1553, NAQCC # 1797, QRPARCI # 12927

1032. Re: [pfr3_group] Counting Turns on winding toroids L1 and T1 [2 Attachments]

Yahoo group: pfr3_group
Date: 2009-09-24 18:21:49 UTC
From: Steven Weber
Topic: 1032 Message: 1032

Each time the wire passes through the center of the core, that is one turn. Count the number turns on the inside of the core, not the outside. For L1 and T1, having one turn more or less isn't going to be of any importance, but it will be critical when you do the low pass filter toriods.

Steve, KD1JV

Working on my pfr-3 and have attached two photos of L1 & T1. FYI ... If the photos don't make it through I will post them on my web-site and send a link. I am trying to make sure that I have counted the turns correctly. My count is the wire that I see "ON" the core. On T1 I have only wound the first 40 turns. I am concerned because the photo in the build manual shows the next part of T1 having a 5 turn secondary winding. When I count the turns in the manual it looks like 4 instead of 5. Is there something I am missing?

1033. Re: [pfr3_group] Counting Turns on winding toroids L1 and T1

Yahoo group: pfr3_group
Date: 2009-09-24 23:17:00 UTC
From: lu4dqq@gmail.com
Topic: 1031 Message: 1033

I did it with 5 turns (counting inside) and my rig works wonders! (I had the same doubt and had a go at a 5 turns option... no probem...)
Pablo
(worked Russia with the Pfr3 and 1/2 g5rv just above my 2nd floor flat)

-----Mensaje original-----

De: "Steven Weber" <kd1jv@...>
Asun:Re: [pfr3_group] Counting Turns on winding toroids L1 and T1
Fecha: Jue 24 Sep 2009 15:21
Tama?o: 3K
A: <pfr3_group@yahoogroups.com>

Each time the wire passes through the center of the core, that is one turn. Count the number turns on the inside of the core, not the outside. For L1 and T1, having one turn more or less isn't going to be of any importance, but it will be critical when you do the low pass filter toriods.

Steve, KD1JV

Working on my pfr-3 and have attached two photos of L1 & T1. FYI ... If the photos don't make it through I will post them on my web-site and send a link. I am trying to make sure that I have counted the turns correctly. My count is the wire that I see "ON" the core. On T1 I have only wound the first 40 turns. I am concerned because the photo in the build manual shows the next part of T1 having a 5 turn secondary winding. When I count the turns in the manual it looks like 4 instead of 5. Is there something I am missing?

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1034. ssb receive / revisited

Yahoo group: pfr3_group
Date: 2009-09-25 22:25:49 UTC
From: hamradiobert
Topic: 1034 Message: 1034

Group,

Now that the condx are improving and voices can be heard has anyone come up with an easy modifcation or pcb that could be added to the rig so one could listen to some of the ssb chat? The circuity is easy,however, the execuition of the mod is not easy. Any ideas on how to widen the 4.9152 mhz cw filter that could be done in an easy and clever way would be nice. Bert M. Thompson KB3MHB/0 SSN = 2

1035. Re: [pfr3_group] ssb receive / revisited

Yahoo group: pfr3_group
Date: 2009-09-26 15:03:56 UTC
From: Steven Weber
Topic: 1034 Message: 1035

>come up with an easy modifcation or pcb that could be added to the rig so
> >one could listen to some of the ssb chat? The circuity is easy,however,
>the >execuition of the mod is not easy.

As you say, adding SSB reception would not be easy. Not only does the IF filter have to be made wider, but the audio band pass filter has to be by-passed and the BFO frequency shifted.

The easiest way to do it would be to build a whole new IF filter, product detector and audio pre-amp board. Use the tall 4.9152 MHz crystals, as these are easier to make a wider filter with (but will still be fairly narrow due to the relatively low frequency). The unused 1st mixer output could be used to drive the new SSB IF board. A toggle switch could be added to the case to switch the input of the audio amp between the CW and SSB.

There is enough room in the case to add such a SSB reception board along with the battery pack.

72, Steve KD1JV

1036. GOing from 13.8 to 12 volts

Yahoo group: pfr3_group
Date: 2009-09-27 21:14:24 UTC
From: Henry Schneider
Topic: 1036 Message: 1036

OK
My research tells me that one resistor in series with the power out cables will reduce the 13.8 volt in my 3 amp p/s to 12 volts, right? Is it .47 ohms or 4.7 ohms. I calculated .47 ohms but not sure about that decimal point. Didnt research the wattage on that resistor.
Henry W5HNS

1037. Re: [pfr3_group] GOing from 13.8 to 12 volts

Yahoo group: pfr3_group
Date: 2009-09-28 02:56:33 UTC
From: John Stevens
Topic: 1036 Message: 1037

Hi Henry,
Lots of guys use a high current power supply diode to drop the voltage by 1.something volts... Depends on the diode.

73 john k5js

On Sun, Sep 27, 2009 at 2:14 PM, Henry Schneider <w5hns@...>wrote:

>
>
> OK
> My research tells me that one resistor in series with the power out cables
> will reduce the 13.8 volt in my 3 amp p/s to 12 volts, right? Is it .47
> ohms or 4.7 ohms. I calculated .47 ohms but not sure about that decimal
> point. Didnt research the wattage on that resistor.
>
> Henry W5HNS
>
>
>

1038. RE: [pfr3_group] GOing from 13.8 to 12 volts

Yahoo group: pfr3_group
Date: 2009-09-28 11:29:23 UTC
From: Dale Putnam
Topic: 1036 Message: 1038

Hi Henry,

If I wanted to drop from 13.8 to 12, from a AA battery pack, filled with Nicd or NiMH, I would fill one slot with a dummy battery. If I were using an ac fed supply, then a dropping diode might work better for you, actually a series pair might be just the ticket. they would be less suseptable to voltage change due to current changes.

Good Luck,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: w5hns@sbcglobal.net
Date: Sun, 27 Sep 2009 14:14:24 -0700
Subject: [pfr3_group] GOing from 13.8 to 12 volts

OK

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Henry W5HNS

_____
Microsoft brings you a new way to search the web. Try Bing™ now
http://www.bing.com?form=MFEHPG&publ=WLHMTAG&crea=TEXT_MFEHPG_Core_tagline_try bing_1x1

1039. RE: [pfr3_group] GOing from 13.8 to 12 volts

Yahoo group: pfr3_group
Date: 2009-09-28 12:31:28 UTC
From: Henry Schneider
Topic: 1036 Message: 1039

I like the diode idea. Thank you.

--- On Mon, 9/28/09, Dale Putnam <daleputnam@...> wrote:

From: Dale Putnam <daleputnam@...>
Subject: RE: [pfr3_group] GOing from 13.8 to 12 volts
To: pfr3_group@yahoogroups.com
Date: Monday, September 28, 2009, 6:29 AM

Hi Henry,

  If I wanted to drop from 13.8 to 12, from a AA battery pack, filled with Nicd or NiMH, I would fill one slot with a dummy battery. If I were using an ac fed supply, then a dropping diode might work better for you, actually a series pair might be just the ticket. they would be less suseptable to voltage change due to current changes.

  Good Luck,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogro ups.com
From: w5hns@sbcglobal. net
Date: Sun, 27 Sep 2009 14:14:24 -0700
Subject: [pfr3_group] GOing from 13.8 to 12 volts

OK

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Henry W5HNS

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1040. RE: [pfr3_group] GOing from 13.8 to 12 volts

Yahoo group: pfr3_group
Date: 2009-09-29 01:01:07 UTC
From: Dale Putnam
Topic: 1036 Message: 1040

You're very welcome, Henry, happy to help,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: w5hns@...
Date: Mon, 28 Sep 2009 05:31:28 -0700
Subject: RE: [pfr3_group] GOing from 13.8 to 12 volts

I like the diode idea. Thank you.

--- On Mon, 9/28/09, Dale Putnam <daleputnam@...> wrote:

From: Dale Putnam <daleputnam@hotmail.com>
Subject: RE: [pfr3_group] GOing from 13.8 to 12 volts
To: pfr3_group@yahoogroups.com
Date: Monday, September 28, 2009, 6:29 AM

Hi Henry,
If I wanted to drop from 13.8 to 12, from a AA battery pack, filled with Nicd or NiMH, I would fill one slot with a dummy battery. If I were using an ac fed supply, then a dropping diode might work better for you, actually a series pair might be just the ticket. they would be less suseptable to voltage change due to current changes.
Good Luck,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogro ups.com
From: w5hns@sbcglobal. net
Date: Sun, 27 Sep 2009 14:14:24 -0700
Subject: [pfr3_group] GOing from 13.8 to 12 volts

OK

My research tells me that one resistor in series with the power out cables will reduce the 13.8 volt in my 3 amp p/s to 12 volts, right? Is it .47 ohms or 4.7 ohms. I calculated .47 ohms but not sure about that decimal point. Didnt research the wattage on that resistor.

Henry W5HNS

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_____
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http://www.bing.com?form=MFEHPG&publ=WLHMTAG&crea=TEXT_MFEHPG_Core_tagline_try bing_1x1

1041. Re: GOing from 13.8 to 12 volts

Yahoo group: pfr3_group
Date: 2009-09-29 09:03:30 UTC
From: querencias
Topic: 1036 Message: 1041

You might consider also adding a bypass cap such as 0.01 uFd across the the diode(s) because the current will change with transmit and therefore cause voltage spikes although minor - just a nice touch. the diodes are switched on/off depending on the bias - this can cause discontinuities in the voltage.

72 de Grant KT6L

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Henry,
>
> If I wanted to drop from 13.8 to 12, from a AA battery pack, filled with Nicd or NiMH, I would fill one slot with a dummy battery. If I were using an ac fed supply, then a dropping diode might work better for you, actually a series pair might be just the ticket. they would be less suseptable to voltage change due to current changes.
>
> Good Luck,
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: w5hns@...
> Date: Sun, 27 Sep 2009 14:14:24 -0700
> Subject: [pfr3_group] GOing from 13.8 to 12 volts
>
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>
> OK
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>
> My research tells me that one resistor in series with the power out cables will reduce the 13.8 volt in my 3 amp p/s to 12 volts, right? Is it .47 ohms or 4.7 ohms. I calculated .47 ohms but not sure about that decimal point. Didnt research the wattage on that resistor.

>
>
> Henry W5HNS
>
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> _____
> Microsoft brings you a new way to search the web. Try Bingï¿½ now
> http://www.bing.com?form=MFEHPG&publ=WLHMTAG&crea=TEXT_MFEHPG_Core_tagline_try bing_1x1
>

1042. Re: ssb receive / revisited

Yahoo group: pfr3_group
Date: 2009-09-30 03:32:13 UTC
From: hamradiobert
Topic: 1034 Message: 1042

--- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@...> wrote:
>
> >come up with an easy modifcation or pcb that could be added to the rig so
> > >one could listen to some of the ssb chat? The circuity is easy,however,
> >the >execuition of the mod is not easy.
>
> As you say, adding SSB reception would not be easy. Not only does the IF
> filter have to be made wider, but the audio band pass filter has to be
> by-passed and the BFO frequency shifted.
>
> The easiest way to do it would be to build a whole new IF filter, product
> detector and audio pre-amp board. Use the tall 4.9152 MHz crystals, as these
> are easier to make a wider filter with (but will still be fairly narrow due
> to the relatively low frequency). The unused 1st mixer output could be used
> to drive the new SSB IF board. A toggle switch could be added to the case to
> switch the input of the audio amp between the CW and SSB.
>
> There is enough room in the case to add such a SSB reception board along
> with the battery pack.
>
> 72, Steve KD1JV
>
Thanks Steve this could be a good winter project. I'm baby sitting my grand kids in Denver and have the nites free. Will give it some thought and see if I can get it together. Wish the Hendricks people had given it some thought. The kit is great and I hate to mess with the design, however, get tired of cw and like to listen to voice.

Bert M. Thompson KB3MHB 73 Steve

1043. Re: [pfr3_group] Re: ssb receive / revisited

Yahoo group: pfr3_group
Date: 2009-09-30 13:31:14 UTC
From: Steve Miller
Topic: 1034 Message: 1043

Rather than re-engineering the PFR-3, try the MMR-40. It's made for SSB. Steve N0SM

hamradiobert wrote:
>
>
> --- In pfr3_group@yahoogroups.com
> <mailto:pfr3_group%40yahoogroups.com>, "Steven Weber" <kd1jv@...> wrote:
> >
> > >come up with an easy modifcation or pcb that could be added to the
> rig so
> > > >one could listen to some of the ssb chat? The circuity is
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> > switch the input of the audio amp between the CW and SSB.
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> >
> Thanks Steve this could be a good winter project. I'm baby sitting my
> grand kids in Denver and have the nites free. Will give it some
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> had given it some thought. The kit is great and I hate to mess with
> the design, however, get tired of cw and like to listen to voice.
>
> Bert M. Thompson KB3MHB 73 Steve

>
>

1044. Re: [pfr3_group] Re: ssb receive / revisited

Yahoo group: pfr3_group
Date: 2009-09-30 14:27:51 UTC
From: ed palmer
Topic: 1034 Message: 1044

Hey Steve,

Just thought I would let you know I've recently picked up an unbuilt PFR-3 kit. I'll probably be contacting you for some assistance later this year when I'm retired and have time to build.

73 de Ed N0EHQ at Chariton

--- On Wed, 9/30/09, Steve Miller <hsmiller@...> wrote:

From: Steve Miller <hsmiller@...>
Subject: Re: [pfr3_group] Re: ssb receive / revisited
To: pfr3_group@yahoogroups.com
Date: Wednesday, September 30, 2009, 8:31 AM

Rather than re-engineering the PFR-3, try the MMR-40. It's made for SSB. Steve N0SM

hamradiobert wrote:
>
>
> --- In pfr3_group@yahoogro ups.com
> <mailto:pfr3_ group%40yahoogro ups.com>, "Steven Weber" <kd1jv@...> wrote:
> >
> > >come up with an easy modifcation or pcb that could be added to the
> rig so
> > > >one could listen to some of the ssb chat? The circuity is
> easy,however,
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> > filter have to be made wider, but the audio band pass filter has to be
> > by-passed and the BFO frequency shifted.
> >
> > The easiest way to do it would be to build a whole new IF filter,
> product
> > detector and audio pre-amp board. Use the tall 4.9152 MHz crystals,
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> >
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> > 72, Steve KD1JV
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> grand kids in Denver and have the nites free. Will give it some
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> had given it some thought. The kit is great and I hate to mess with
> the design, however, get tired of cw and like to listen to voice.
>
> Bert M. Thompson KB3MHB 73 Steve
>
>

1045. Re: [pfr3_group] Re: ssb receive / revisited

Yahoo group: pfr3_group
Date: 2009-09-30 15:42:41 UTC
From: Steven Weber
Topic: 1034 Message: 1045

Will give it some thought and see if I can get it together. Wish the Hendricks people had given it some thought. The kit is great and I hate to mess with the design, however, get tired of cw and like to listen to voice.
>
Well, when it comes to this rig, I am the "Hendricks people", hi. Adding SSB reception would have added complexity and cost to the rig or compermised its primary purpose of being a good CW receiver. Since SSB reception and possible "cross mode" (CW=>SSB) operation is of interest to only a very small number of guys, the added expense of adding that type of feature can't be justified.

73, Steve KD1JV

1046. RE: [pfr3_group] Re: ssb receive / revisited

Yahoo group: pfr3_group
Date: 2009-09-30 16:33:20 UTC
From: Paul Feltz
Topic: 1034 Message: 1046

Agree Steve. Don't fix what ain't broke.

Paul WA0VDM

To: pfr3_group@yahoogroups.com
From: kd1jv@...
Date: Wed, 30 Sep 2009 11:42:41 -0400
Subject: Re: [pfr3_group] Re: ssb receive / revisited

Will give it some thought and see if I can get it together. Wish the
Hendricks people had given it some thought. The kit is great and I hate to
mess with the design, however, get tired of cw and like to listen to voice.
>
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small number of guys, the added expense of adding that type of feature can't
be justified.

73, Steve KD1JV

_____
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1047. baby Black Widow paddle

Yahoo group: pfr3_group
Date: 2009-10-01 15:36:57 UTC
From: kd1jv
Topic: 1047 Message: 1047

A while back I bought a Black Widow paddle from Jerry, W5JH. I really, really liked it, so I got the baby one Jerry designed for the PFR-3. I really, really like this one too.

Yes, it is a little large and heavy for truely portable operation, but it is a solid paddle with a nice feel and good action. It is a good addition to the rig for when your car camping, operating from the local park or in the shack. What is also nice is you can make a simple cable with a stereo jack on one end and a plug on the other to use the paddle with other rigs. Or you could eliminate the back mounting panel and plug assembely, connect a standard cable to the paddle and use it that way.

Jerry tells me he only has about 35 of these left and will not be making more, so get one while you can!

72, Steve KD1JV

1048. Re: ssb receive / revisited

Yahoo group: pfr3_group
Date: 2009-10-03 12:12:04 UTC
From: hamradiobert
Topic: 1034 Message: 1048

--- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@...> wrote:
>
> Will give it some thought and see if I can get it together. Wish the
> Hendricks people had given it some thought. The kit is great and I hate to
> mess with the design, however, get tired of cw and like to listen to voice.
> >
> Well, when it comes to this rig, I am the "Hendricks people", hi. Adding SSB
> reception would have added complexity and cost to the rig or compermised its
> primary purpose of being a good CW receiver. Since SSB reception and
> possible "cross mode" (CW=>SSB) operation is of interest to only a very
> small number of guys, the added expense of adding that type of feature can't
> be jutstified.
>
> 73, Steve KD1JV
>
Steve,-3
Thanks for the good advice will let it rest. I love the PFR-3 and use it all the time. Bert M. Thompson KB3MHB 73

1049. Almost Done

Yahoo group: pfr3_group
Date: 2009-10-03 15:42:31 UTC
From: kprice2982
Topic: 1049 Message: 1049

I am almost done with my PFR3! I think everything is working except the BLT. I get 5-6 watts out on 20, 30, & 40 meters into a dummy load. I can hear signals on all bands. I can NOT get the BLT to tune my nearly resonant dipole. I believe it is due to my poor workmanship on T3. Photos off my work can be seen at:
http://www.keithpricephotography.com/pfr3.htm

I have a couple of questions for the group.

1. Is it necessary to use the nylon washers for C72/73 and C74/75? I used metal washers at the time as I had lost the nylon. Those have since been found but the board is now mounted. Do I need to change that?

2. What does it mean to "fully mesh" the trimmers of C74/75? Am I supposed to adjust some of the screws on the back of the cap? If so, which direction?

3. Is my winding of T3 (see link above) so poor that I should re-work it?

Thanks,
Keith WA5LPW

1050. Re: [pfr3_group] Almost Done

Yahoo group: pfr3_group
Date: 2009-10-03 16:37:48 UTC
From: Steven Weber
Topic: 1049 Message: 1050

> 1. Is it necessary to use the nylon washers for C72/73 and C74/75? I
> used metal washers at the time as I had lost the nylon. Those have since
> been found but the board is now mounted. Do I need to change that?
>

No, it doesn't matter. The reason for the washers is to space the cap slightly from the board, as the hole in the board is slightly smaller than the coller around the shaft of the cap, so the cap will not sit flat to the board without the washers.

> 2. What does it mean to "fully mesh" the trimmers of C74/75? Am I
> supposed to adjust some of the screws on the back of the cap? If so,
> which direction?
>

As you can see in your pictures, there are two "half moons" connected to the screws on the bottom of the tuning caps. These are the trimmers and are currently set to 50% meshed. Fully meshed is when you see a half moon, not a full moon.

> 3. Is my winding of T3 (see link above) so poor that I should re-work it?
>
So long as the wires are in the correct holes and making connection, it should work. To tune 40M, you will likely have to push the primary turns closer together, so thier not so spread out on the core.

To tune a nearly resonant dipole feed with coax, you must have the following switch settings:

1: rear toggle switch handle facing the binding posts.
2. BLT/COAX switch in BLT position
3. HI-Z/LOW-Z switch in LOW-Z position

Now its just a matter of finding the proper settings for the TUNE and LOAD controls, which is the tricky part. Tuning is very sharp, so has to be done slowly. Start with the LOAD control set about mid range. SLOWLY adjust the TUNE control until you see even the slightest dimming of the LED. Now see if you make it dimmer with the LOAD control. Now you need to re-adjust the TUNE control to dim it farther. Work back and forth between the two controls until the LED goes out or becomes very dim. Only very slight tweeks of the controls are needed at this point.

Steve KD1JV

1051. Re: Almost Done

Yahoo group: pfr3_group
Date: 2009-10-04 02:50:31 UTC
From: kprice2982
Topic: 1049 Message: 1051

Thanks Steve,

Made the changes you suggested and I was able to get the BLT to slightly dim on my dipole (yea!!!). Your description of the settings was especially beneficial as I am sure I had it wrong there too.

On a funny note I have made the 1st QSO with the rig. I was using an external tuner and a 40 meter dipole up 15 feet. I heard a station calling CQ and I answered. He was 599. He gave me a 579. His QTH? 2.5 miles (not a typo) away from mine!!! Ugh. At least it means I am getting a signal out.

72
Keith

1052. Re: Almost Done - Follow UP

Yahoo group: pfr3_group
Date: 2009-10-04 12:33:42 UTC
From: kprice2982
Topic: 1049 Message: 1052

I am now able to get the led to dim and now have a question about the power out! FYI ... I am using an Elecraft W1 watt/swr meter.

When using the BLT ... Is the power out impacted by the Load/Tune positions? I have noticed that as I am calling CQ that the power out goes up as high as 10 watts on my meter. If I change the Load/Tune, then the power out can drop to 1 watt. When I use an external tuner the power out stays at about 5-6 watts.

Thanks

1053. PFR-3 In The Field

Yahoo group: pfr3_group
Date: 2009-10-04 14:31:35 UTC
From: hortonstevenr
Topic: 1053 Message: 1053

Took the PFR-3 out yesterday. I posted my full report on the blog. Hope you enjoy and I hope to work you soon!

http://w6eod.blogspot.com

72
Steve W6EOD

1054. Re: [pfr3_group] Re: Almost Done - Follow UP

Yahoo group: pfr3_group
Date: 2009-10-04 17:23:12 UTC
From: Steven Weber
Topic: 1049 Message: 1054

The watt meter assumes it is looking into a 50 ohm load to give accruate
power readings. Placing the watt meter after the BLT, were the load and
source impedances are unknown, will produce meaningless readings.

To get proper power measurements when using in the BLT, you need to put the
watt meter between the transmitter LPF output and the input to the BLT,
which would require modifications to the rig.

> When using the BLT ... Is the power out impacted by the Load/Tune
> positions? I have noticed that as I am calling CQ that the power out goes
> up as high as 10 watts on my meter. If I change the Load/Tune, then the
> power out can drop to 1 watt. When I use an external tuner the power out
> stays at about 5-6 watts.
>

1055. New batch of PFR3s?

Yahoo group: pfr3_group
Date: 2009-10-04 20:54:20 UTC
From: w2lj@verizon.net
Topic: 1055 Message: 1055

Any idea of when the new batch of PFR3s will be ready?

I placed my order in September and then at the end of the following week the "Out of Stock" sign came up.

I'm patient and don't mind waiting; it's just that I was wondering ..... don't meant to ruffle feathers.

73 de Larry W2LJ

1056. RE: [pfr3_group] New batch of PFR3s?

Yahoo group: pfr3_group
Date: 2009-10-04 21:06:57 UTC
From: Dennis King
Topic: 1055 Message: 1056

I ordered one in June and still waiting - I heard that the Mr. Hendriks was gone for most of the summer and that not much was happening at his business.

He hasn't returned my emails.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of w2lj@...
Sent: Sunday, October 04, 2009 1:54 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] New batch of PFR3s?

Any idea of when the new batch of PFR3s will be ready?

I placed my order in September and then at the end of the following week the "Out of Stock" sign came up.

I'm patient and don't mind waiting; it's just that I was wondering ..... don't meant to ruffle feathers.

73 de Larry W2LJ

1057. Re: New batch of PFR3s?

Yahoo group: pfr3_group
Date: 2009-10-04 21:47:39 UTC
From: Jerry
Topic: 1055 Message: 1057

Yes, but they've been back in business for two months, so you should have received a reply.

About two weeks ago I ordered something that they have in stock, but I've heard nothing. It would be nice if they'd implement a system for feedback/status reports as other kit suppliers do.

That said, I have no doubt about Doug's integrity.

Jerry AA6KI

--- In pfr3_group@yahoogroups.com, "Dennis King" <n6kd@...> wrote:
>
> I ordered one in June and still waiting - I heard that the Mr. Hendriks was
> gone for most of the summer and that not much was happening at his business.
>
> He hasn't returned my emails.
>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On
> Behalf Of w2lj@...
> Sent: Sunday, October 04, 2009 1:54 PM
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] New batch of PFR3s?
>
>
>
>
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> don't meant to ruffle feathers.
>
> 73 de Larry W2LJ
>

1058. RE: [pfr3_group] PFR-3 In The Field

Yahoo group: pfr3_group
Date: 2009-10-04 22:54:23 UTC
From: Paul Feltz
Topic: 1053 Message: 1058

Steve:

Tnx for your report. I notice your comment for the lack of signals in the NW. I have this problem when I go to Fairbanks, AK but even much worse. However, I did manage a 30 M contact from North Pole, AK to Sacramento, CA at 4 and dropping to 3 watts in the end as batteries were going.

72, WA0VDM - Paul

To: pfr3_group@yahoogroups.com
From: hortonstevenr@yahoo.com
Date: Sun, 4 Oct 2009 14:31:35 +0000
Subject: [pfr3_group] PFR-3 In The Field

Took the PFR-3 out yesterday. I posted my full report on the blog. Hope you enjoy and I hope to work you soon!

http://w6eod.blogspot.com

72
Steve W6EOD

_____
Hotmail: Free, trusted and rich email service.
http://clk.atdmt.com/GBL/go/171222984/direct/01/

1059. RE: [pfr3_group] Re: New batch of PFR3s?

Yahoo group: pfr3_group
Date: 2009-10-04 23:31:42 UTC
From: Dennis King
Topic: 1055 Message: 1059

I have no doubt about Doug's integrity either - but it is a part-time business - so don't expect quite the same level of response as other mainstream suppliers. I was planning on using the PFR-3 on some hiking trips this summer - but can wait until next summer. The radio is a good value for the money.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Jerry
Sent: Sunday, October 04, 2009 2:48 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: New batch of PFR3s?

Yes, but they've been back in business for two months, so you should have received a reply.

About two weeks ago I ordered something that they have in stock, but I've heard nothing. It would be nice if they'd implement a system for feedback/status reports as other kit suppliers do.

That said, I have no doubt about Doug's integrity.

Jerry AA6KI

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , "Dennis King" <n6kd@...> wrote:
>
> I ordered one in June and still waiting - I heard that the Mr. Hendriks was
> gone for most of the summer and that not much was happening at his business.
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> From: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> [mailto:pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>] On
> Behalf Of w2lj@...
> Sent: Sunday, October 04, 2009 1:54 PM
> To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
> Subject: [pfr3_group] New batch of PFR3s?
>
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>
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> I placed my order in September and then at the end of the following week
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> "Out of Stock" sign came up.
>
> I'm patient and don't mind waiting; it's just that I was wondering .....
> don't meant to ruffle feathers.
>
> 73 de Larry W2LJ
>

1060. RE: [pfr3_group] Re: New batch of PFR3s?

Yahoo group: pfr3_group
Date: 2009-10-05 01:24:48 UTC
From: ki6ds@dospalos.org
Topic: 1055 Message: 1060

Dennis, I just checked my email file and show a message from you on Aug. 26th, and I cannot bring it up. I checked my paypal orders and show no order from a Dennis King. Please tell me how you ordered the kit. Did you do it via us mail or paypal. If you ordered by US mail, would you check to see if the check was cashed. I try to never cash a check until the order is shipped, but I suppose it could happen.

We will get to the bottom of this and will get is sorted out. I apologize for the inconvenience and slow response time, but I don't think I ever read your email in August, must have slipped through. Doug

> I have no doubt about Doug's integrity either - but it is a part-time
> business - so don't expect quite the same level of response as other
> mainstream suppliers. I was planning on using the PFR-3 on some hiking
> trips
> this summer - but can wait until next summer. The radio is a good value
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>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On
> Behalf Of Jerry
> Sent: Sunday, October 04, 2009 2:48 PM
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: New batch of PFR3s?
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> Yes, but they've been back in business for two months, so you should have
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> feedback/status reports as other kit suppliers do.
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>
> Jerry AA6KI
>
> --- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> ,
> "Dennis King" <n6kd@...> wrote:
>>

>> I ordered one in June and still waiting - I heard that the Mr. Hendriks
> was
>> gone for most of the summer and that not much was happening at his
> business.
>>
>> He hasn't returned my emails.
>>
>>
>>
>> From: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
> [mailto:pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>]
> On
>> Behalf Of w2lj@...
>> Sent: Sunday, October 04, 2009 1:54 PM
>> To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
>> Subject: [pfr3_group] New batch of PFR3s?
>>
>>
>>
>>
>>
>> Any idea of when the new batch of PFR3s will be ready?
>>
>> I placed my order in September and then at the end of the following week
> the
>> "Out of Stock" sign came up.
>>
>> I'm patient and don't mind waiting; it's just that I was wondering .....
>> don't meant to ruffle feathers.
>>
>> 73 de Larry W2LJ
>>
>
>
>
>

1061. New batch of pfr3

Yahoo group: pfr3_group
Date: 2009-10-05 01:54:33 UTC
From: k8ar
Topic: 1061 Message: 1061

I also ordered one the middle week of Sept just before the notice was posted and also did not receive a reply to my email . Ben k8ar

1062. Re: New batch of PFR3s?

Yahoo group: pfr3_group
Date: 2009-10-06 20:00:21 UTC
From: Jerry
Topic: 1055 Message: 1062

I expect the same level of response that I get from comparable suppliers, e.g., Dave Benson's SW Labs or W8DIZ's Kitsandparts. Both do an excellent job of communicating, which is my only concern here.

Jerry AA6KI

--- In pfr3_group@yahoogroups.com, "Dennis King" <n6kd@...> wrote:
>
> I have no doubt about Doug's integrity either - but it is a part-time
> business - so don't expect quite the same level of response as other
> mainstream suppliers. I was planning on using the PFR-3 on some hiking trips
> this summer - but can wait until next summer. The radio is a good value for
> the money.
>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On
> Behalf Of Jerry
> Sent: Sunday, October 04, 2009 2:48 PM
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: New batch of PFR3s?
>
>
>
>
>
>
> Yes, but they've been back in business for two months, so you should have
> received a reply.
>
> About two weeks ago I ordered something that they have in stock, but I've
> heard nothing. It would be nice if they'd implement a system for
> feedback/status reports as other kit suppliers do.
>
> That said, I have no doubt about Doug's integrity.
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> Jerry AA6KI
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> --- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> ,
> "Dennis King" <n6kd@> wrote:
> >
> > I ordered one in June and still waiting - I heard that the Mr. Hendriks
> was
> > gone for most of the summer and that not much was happening at his
> business.
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> > He hasn't returned my emails.
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> > From: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
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> > Any idea of when the new batch of PFR3s will be ready?
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> > I placed my order in September and then at the end of the following week
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> > "Out of Stock" sign came up.
> >
> > I'm patient and don't mind waiting; it's just that I was wondering .....
> > don't meant to ruffle feathers.
> >
> > 73 de Larry W2LJ
> >
>

1063. Hendricks QRP Kits Shipping and Notification policy

Yahoo group: pfr3_group
Date: 2009-10-06 21:53:12 UTC
From: ki6ds@dospalos.org
Topic: 1055 Message: 1063

Guys, I am a 1 man operation, and I still have a full time job teaching and coaching. The web site says that the only notification that you will get is the receipt from paypal and that shipment will be made in 2 weeks. I try to keep up with that, and usually do. But there are times when I get back ordered on parts and have to wait for them. If I were to email every customer about the status of his order, the shipping time would be longer, as I only have so many hours in the day. I try to reply to every email that I get, but sometimes they get wiped out in the bitbucket or something and I don't see them. Thank you for your patience and understanding and no replies needed, 72, Doug

1064. RE: [pfr3_group] Hendricks QRP Kits Shipping and Notification policy

Yahoo group: pfr3_group
Date: 2009-10-07 00:40:15 UTC
From: Dale Putnam
Topic: 1055 Message: 1064

My opinion, like everyone has one, is that Doug is doing a wonderful job, and a terriffic service for all of us. We should be a bit more appreicative and a bit less critical.. now if that offends someone.. gee... maybe a mirror would be of assistance.

So, like I said, my opinion really is just my opinion, and after having built a number of the PFR3s, I appreiate his dedication and efforts. Yes, I have had one question for him, and got the answer... which worked out just fine. The other thing that for me, is of much more importance than a fast answered email... is the quality of kit, the number of times that I have had to ask for replacement parts... is very nearly nothing. Nearly.. yes... I lost one. And yes.. I got it replaced. Was it Dougs fault? NO.. did he accomplish it cheerfully and in a timely manner? Yes...

Do I get anything out of building Doug's Kits?... Sure do.. the satisfaction of a good kit working with quality parts and without any concern for it not working at its standard.

Monetarily, no... not at all. Ask around.

Now, I'm going back to makin solder smoke... on another PFR3.

--... ..---

Dale - WC7S in Wy

Guys, I am a 1 man operation, and I still have a full time job teaching
and coaching. The web site says that the only notification that you will
get is the receipt from paypal and that shipment will be made in 2 weeks.
I try to keep up with that, and usually do. But there are times when I
get back ordered on parts and have to wait for them. If I were to email
every customer about the status of his order, the shipping time would be
longer, as I only have so many hours in the day. I try to reply to every
email that I get, but sometimes they get wiped out in the bitbucket or
something and I don't see them. Thank you for your patience and
understanding and no replies needed, 72, Doug

_____
Hotmail: Free, trusted and rich email service.
http://clk.atdmt.com/GBL/go/171222984/direct/01/

1065. Odd keyer performance on 20 but great on 40

Yahoo group: pfr3_group
Date: 2009-10-07 21:56:11 UTC
From: kprice2982
Topic: 1065 Message: 1065

I was calling CQ today with the PFR-3 and a portable antenna (end fed). While doing that I also recorded the audio on my mobile rig (Yaesu 857 & Hustler Vertical). The sidetone I hear in the headphones is great. That is why I was shocked when I played back the audio I recorded. On 40 meters everything sounds great. On 30 the audio has a slight ripple. On 20 it sounds almost as if I am using a straight key and have made up a new language.

Any ideas on what I might have messed up? Why would it be okay on 40 and retched on 20? Explains why I didn't have any luck with a QSO.

72, Keith, WA5LPW

1066. Re: Odd keyer performance on 20 but great on 40

Yahoo group: pfr3_group
Date: 2009-10-08 10:53:35 UTC
From: n1rx
Topic: 1065 Message: 1066

--- In pfr3_group@yahoogroups.com, "kprice2982" <kprice2982@...> wrote:
>
> I was calling CQ today with the PFR-3 and a portable antenna (end fed). While doing that I also recorded the audio on my mobile rig (Yaesu 857 & Hustler Vertical). The sidetone I hear in the headphones is great. That is why I was shocked when I played back the audio I recorded. On 40 meters everything sounds great. On 30 the audio has a slight ripple. On 20 it sounds almost as if I am using a straight key and have made up a new language.
>
> Any ideas on what I might have messed up? Why would it be okay on 40 and retched on 20? Explains why I didn't have any luck with a QSO.
>
> 72, Keith, WA5LPW
>
Keith, sounds like RF getting back inside the rig a little on 30, and more on 20M.

Were you using an external tuner to match your end-fed? A true half-wave on 40M would be about 3/4W on 30M and a full wave on 20M. How did you make up for the radical changes in impedance on each band? Were you using any kind of counterpoise on any band?

Oftentimes, the RF is getting back in through the headphone lead or the key/paddle lead. Please note that these are rather generic suggestions/questions. they are not specific to the PFR-3. But, I believe the tuner within the PFR-3 is a variant of the Z-match, meant for more moderate impedance transformation than you might have with the antenna length(s) and configuration you are currently using.

GL, Bruce N1RX

1067. Re: [pfr3_group] Re: Odd keyer performance on 20 but great on 40

Yahoo group: pfr3_group
Date: 2009-10-08 15:26:44 UTC
From: Steven Weber
Topic: 1065 Message: 1067

> Were you using an external tuner to match your end-fed? A true half-wave
> on 40M would be about 3/4W on 30M and a full wave on 20M. How did you make
> up for the radical changes in impedance on each band? Were you using any
> kind of counterpoise on any band?
>

Keith,

We need more info to make a meaningful guess, like the answers to Bruce's questions. Since the the keying sounded fine via sidetone, the problem is not with the keyer. It is more likely the PA didn't like your antenna load and was going nuts. It's also remotely possable the problem was on the recording end.

So, were you using the built-in BLT tuner and were you able to get a good match as indicated by the SWR LED?

A few hints for using 1/2 antenna with the PFR-3 and BLT:

The antenna length should be about 10-15 % shorter or longer than a true 1/2 wave length. This reduces the feed point impedance to something which the BLT has an easier time finding a match to.

Since 30 M isn't harmonically related to 40 or 20, using a seperate wire optimized for 30M is usually a good idea. Though you can sometimes make a single length wire work on all three bands, this can take some trial and error to find a good length.

In theory, a counterpoise isn't needed with a EFHW, but in practice it is a good idea. A 10-15 length of wire laid out on the ground is all that is needed to help keep everything happy.

72, Steve KD1JV

1068. Re:Odd keyer performance on 20 but great on 40

Yahoo group: pfr3_group
Date: 2009-10-08 15:34:47 UTC
From: Jim Ford
Topic: 1065 Message: 1068

I can think of a couple of scenarios. First you might be getting RF back into your rig causing problems. You can check this by hooking up the rig to a dummy load and see if you have the same problem. If you don't perhaps a couple of turns of your coax thru an Amidon FT240-77 or similar toroid core would greatly attenuate the RF on the outside of your coax. The other thing might be your AGC in your monitoring rig is being overloaded causing it to distort what you hear. Test this by totally disconnecting any antenna from the monitor (or any other method to greatly reduce the signal input). If this is the problem then there is nothing wrong with the PFR-3.

Sincerely,

Jim Ford, N6JF

1069. A question or two

Yahoo group: pfr3_group
Date: 2009-10-08 16:36:06 UTC
From: Irv [K3IRV] McWherter
Topic: 1069 Message: 1069

Hi all:

I enjoy monitoring this group and enjoy the advice provided. I have two questions:

Has anyone tried the NorCal Doublet Antenna as described on this site with the PFR-3: http://www.norcalqrp.org/norcaldoublet.htm

Is the 28 feet of feedline critical for this antenna? I would like to use this antenna with a longer feedline.

Thanks for your help.

73, Irv - K3IRV

1070. ATU Problem

Yahoo group: pfr3_group
Date: 2009-10-08 19:31:43 UTC
From: Jiri
Topic: 1070 Message: 1070

Hi All,
I have problem with Antenna tuner PFR-3. It works on 10 and 14 MHz only, on 7 MHz I am not able to tune any antenna and dummy load. Best is when both capacitors C72, C74 are on maximum, but SWR is too high. I tested ATU only. S9 in position COAX, I connected antenna analyzer to C72, C73 direct and I tuned all antennas and dummy load on 7 MHz well. Could You advise me, what shell I check?
Thank You Jirka OK1DDQ

1071. Re: Odd keyer performance on 20 but great on 40

Yahoo group: pfr3_group
Date: 2009-10-08 21:30:47 UTC
From: kprice2982
Topic: 1065 Message: 1071

Great responses and many thanks. Some answers:

> It's also remotely possible the problem was on the recording end.

Two of you suggested that the problem was on the receiving side. So I put up a 20 meter dipole and re-recorded. The first test had the same poor results - that being garbage recorded. I then tried a different receiver that was about 70' away. BEAUTIFUL sounding code this time! I went back to my mobile set up and unplugged the mobile antenna and tried again. Once again the code was BEAUTIFUL. So, the problem was on the receiving end being overloaded! You guys are way too smart and I am very thankful!

I also managed a great contact on 40 meters last night using my multi-band dipole. I got into Miami (840 miles) and got a 579!!! I can't believe that I built something that actually works!! This is the most complex kit I have built to date and can not be more pleased. Thanks for all the advice everyone has offered this new builder!

For those interested in the rest of the set up here are some other answers.

>What type of antenna?
The antenna I was playing with came from a friend in the 4 Square QRP group. Quickly it is a 50 foot length of speaker wire with 25' cut off one side. The remaining 25' is left in tact such that the counterpoise is effectively in the air instead of laying on the ground. I have used this antenna before with some fun results on my FT-817 and an LDG Z-11 tuner. More info about the antenna can be found here:
http://www.wa0itp.com/antennas.html#pefz

>Were you using an external tuner to match your end-fed?

I started out with the BLT and then switched to my Elecraft T1. The problem was heard on both.

>How did you make up for the radical changes in impedance on each band? Were you using any kind of counterpoise on any band?

Initially I was having a hard time getting a match on the BLT so that is why I switched to the external tuner.

> So, were you using the built-in BLT tuner and were you able to get a good match as indicated by the SWR LED?

Much to my delight I was able to get it to match on 20 & 40. It did not like 30 but it is likely due to lack of patience on my part at moving slowly. You were right in that you have to adjust SLOWLY to get it to work.

73, Keith

1072. Re: [pfr3_group] ATU Problem

Yahoo group: pfr3_group
Date: 2009-10-09 01:38:57 UTC
From: Steven Weber
Topic: 1070 Message: 1072

Make sure the trimmer caps on the bottom of the Tune and Load controls are set to maximum capacitance - they will look like a 1/2 moon, not 3/4 or full moon. Also make sure the turns on the core are only spaced around about 1/2 of the core, not evenly spaced around the whole core.

Steve KD1JV

> I have problem with Antenna tuner PFR-3. It works on 10 and 14 MHz only,
> on 7 MHz I am not able to tune any antenna and dummy load. Best is when
> both capacitors C72, C74 are on maximum, but SWR is too high. I tested
> ATU only. S9 in position COAX, I connected antenna analyzer to C72, C73
> direct and I tuned all antennas and dummy load on 7 MHz well. Could You
> advise me, what shell I check?
> Thank You Jirka OK1DDQ

1073. Slightly low power output 40m

Yahoo group: pfr3_group
Date: 2009-10-12 23:39:26 UTC
From: dhyclimber
Topic: 1073 Message: 1073

I have just finished building. Testing the power output I get 5w on 20m, 4.5w 0n 30m and 4w on 40m. Have checked all the windings on the LPF and have even spaced windings with the correct number of turns. Thoughts please. I would like to get 5w on 30m and 40m. any ideas?

Thanks
Adrian
MM0DHY

1074. Re: Slightly low power output 40m

Yahoo group: pfr3_group
Date: 2009-10-13 08:19:12 UTC
From: jos-on6wj
Topic: 1073 Message: 1074

Hi Adrian
the PA-lowpass filter for 40 meter (the 2 coils) try by pulling or widening the space between the turns, this helped me to get 5 Watt out on each band
if no variation, try to remove 1 turn of one coil and see the output change , again "playing" with the distance between each turn

good luck
Jos
ON6WJ

--- In pfr3_group@yahoogroups.com, "dhyclimber" <dhyclimber@...> wrote:
>
> I have just finished building. Testing the power output I get 5w on 20m, 4.5w 0n 30m and 4w on 40m. Have checked all the windings on the LPF and have even spaced windings with the correct number of turns. Thoughts please. I would like to get 5w on 30m and 40m. any ideas?
>
> Thanks
> Adrian
> MM0DHY
>

1075. Re:Slightly low power output 40m

Yahoo group: pfr3_group
Date: 2009-10-13 16:23:47 UTC
From: Jim Ford
Topic: 1073 Message: 1075

Try spreading out the windings on the output filter coils.

Jim Ford, N6JF

1076. Re: [pfr3_group] Slightly low power output 40m

Yahoo group: pfr3_group
Date: 2009-10-13 18:35:15 UTC
From: Steven Weber
Topic: 1073 Message: 1076

Shifting the turns on L9, L11 and L13 CLOSER together will increase power output. I just grap the 4-5 turns in the center of the core and push them close together.

Shifting the turns on L8, L10 and L12 closer together will reduce power output.

L9 could probably use one more turn then specified in the table, but I'd rather it come out a little on the low side power wise and have you adjust it up rather than down. The difference between 4 watts and 5 watts really isn't much on the other end and using 4 watts instead of 5 watts would give you a little longer battery life.

72, Steve KD1JV

1077. Re: Slightly low power output 40m

Yahoo group: pfr3_group
Date: 2009-10-13 23:18:51 UTC
From: dhyclimber
Topic: 1073 Message: 1077

Hi Jos, Jim and Steve

Thanks for your suggestions.

I went for the easiest fix, bunching up a few turns on L9 and L11. Thanks for this Steve. 5W out on all bands now but I take your point re longer battery life with 4W Steve. I will be using the radio on mountain summits in the Scottish Highlands, if battery life proves to be an issue I will space those coils out to drop to 4W again! I know the difference will make no appreciable difference really.

Have had my first QSO with a couple of locals. Great signal reports, great audio on recieve. I like this rig. Thanks for the design Steve.

73

Adrian MM0DHY

--- In pfr3_group@yahoogroups.com, "Steven Weber" <kd1jv@...> wrote:
>
> Shifting the turns on L9, L11 and L13 CLOSER together will increase power
> output. I just grap the 4-5 turns in the center of the core and push them
> close together.
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> L9 could probably use one more turn then specified in the table, but I'd
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> isn't much on the other end and using 4 watts instead of 5 watts would give
> you a little longer battery life.
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> 72, Steve KD1JV
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1078. RE: [pfr3_group] Re: New batch of PFR3s?

Yahoo group: pfr3_group
Date: 2009-10-14 03:56:46 UTC
From: Dennis King
Topic: 1055 Message: 1078

Thanks for the email. I ordered the PRF-3 with the accessory keyer paddle in April or May and sent a check along with the order. I haven't seen a cashed check in my records - so my guess is that the order got lost in the mail. I also sent you an email about 2-3 weeks ago - to see if you had received the check - but that must have not made it either. I was trying to avoid ordering the unit two times.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ki6ds@...
Sent: Sunday, October 04, 2009 6:25 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: New batch of PFR3s?

Dennis, I just checked my email file and show a message from you on Aug. 26th, and I cannot bring it up. I checked my paypal orders and show no order from a Dennis King. Please tell me how you ordered the kit. Did you do it via us mail or paypal. If you ordered by US mail, would you check to see if the check was cashed. I try to never cash a check until the order is shipped, but I suppose it could happen.

We will get to the bottom of this and will get is sorted out. I apologize for the inconvenience and slow response time, but I don't think I ever read your email in August, must have slipped through. Doug

> I have no doubt about Doug's integrity either - but it is a part-time
> business - so don't expect quite the same level of response as other
> mainstream suppliers. I was planning on using the PFR-3 on some hiking
> trips
> this summer - but can wait until next summer. The radio is a good value
> for
> the money.
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> From: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
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On
> Behalf Of Jerry
> Sent: Sunday, October 04, 2009 2:48 PM
> To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
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> Yes, but they've been back in business for two months, so you should have
> received a reply.
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> About two weeks ago I ordered something that they have in stock, but I've
> heard nothing. It would be nice if they'd implement a system for
> feedback/status reports as other kit suppliers do.
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<mailto:pfr3_group%40yahoogroups.com> ,
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>> He hasn't returned my emails.
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<mailto:pfr3_group%40yahoogroups.com>]
> On
>> Behalf Of w2lj@...
>> Sent: Sunday, October 04, 2009 1:54 PM
>> To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
<mailto:pfr3_group%40yahoogroups.com>
>> Subject: [pfr3_group] New batch of PFR3s?
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>> Any idea of when the new batch of PFR3s will be ready?
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> the
>> "Out of Stock" sign came up.
>>
>> I'm patient and don't mind waiting; it's just that I was wondering .....
>> don't meant to ruffle feathers.
>>
>> 73 de Larry W2LJ
>>

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1079. Fw: SRX1115380891ID - Compatibility with software written for earlier versions of Windows

Yahoo group: pfr3_group
Date: 2009-10-27 16:15:02 UTC
From: Jim
Topic: 1079 Message: 1079

This is being sent to several groups and individuals. Do not think it is SPAM, it is simply the result of an inquiry about the latest Operating System released by Microsoft, Windows 7, and how that OS interacts with some software in use in the amateur radio community. The fourth paragraph gives the best answer. If you currently have and use Windows Xp and have no problem with any amateur radio related software, the options available are to keep using Windows Xp on the same computer or upgrading to one of the higher priced Windows 7 packages.

For the present, I will keep the OS that is now on my computer.

73 to all,
Jim Good KD5VXH

----- Original Message -----
From: Microsoft Online Customer Service
To: Jim
Sent: Tuesday, October 27, 2009 9:09 AM
Subject: RE: SRX1115380891ID - Compatibility with software written for earlier versions of Windows

Hello James,

Thank you for contacting Microsoft Customer Service.

I appreciate you for the time taken to write back to us.

Most programs written for earlier versions of Windows also work in Windows 7. If an older program does not run correctly or does not install on Windows 7, start the Program Compatibility troubleshooter, which simulates an earlier version of Windows. You can run the wizard on the setup program itself if the program does not install, or you can run the wizard on the program if it installs but does not run correctly. For more information, please visit the below web link:
http://windows.microsoft.com/en-us/windows7/Make-older-programs-run-in-this-version-of-Windows

You have one more option, which is Windows XP Mode. This feature is included in certain editions of Windows 7 (Windows 7 Professional, Enterprise, or Ultimate) and using Windows XP Mode, you can run programs that were designed for Windows XP. To know more information about Windows XP, please visit the below web link:
http://windows.microsoft.com/en-us/windows7/install-and-use-windows-xp-mode-in-windows-7

If you have any queries regarding compatibility, you may contact our Presales team. You can reach them at: (800) 426-9400. They are available

from Monday through Friday 6:00 A.M. - 6:00 P.M. Pacific Time.

James, I hope the provided information is helpful.

Thank you,

Prakash
Microsoft Customer Service Representative

If you have any feedback about your Online Customer Service experience,
please send it to my manager, Harpreet Singh, by clicking the link below.
Please be sure to include the name of my manager in the subject field.
http://go.microsoft.com/?linkid=6998852

--- Original Message ---
From : "Jim"
Sent : Monday, October 26, 2009 10:27:14 PM UTC
To : "Microsoft Online Customer Service"
Subject : Re: SRX1115380891ID - Compatibility with software written for
earlier versions of Windows

Sujith,

Specific programs that are of interest to the amateur radio community, and
to me, include WSPR (pronounced WHISPER) which stands for Weak Signal
Propagation Reporter, MicroLog, DigiPan, and a few other similar programs.
These programs were written to work with the Windows Xp Operating System.
In some cases, a simple patch was made to update a program from Windows 98,
or earlier, to Windows Xp compatibility. A few software developers have, on
amateur radio reflectors, expressed frustration about being able to update
their software to work correctly with the latest versions of Windows. These
programs are used by amateur radio operators to record (or log) contacts the
operator makes, get information about expected propagation to distant
countries, and in some cases control the radio being used. Some software
developers are writing code to do most of these tasks under open source
protocol and open source operating systems. Should there be delays and
problems getting some of the more useful software to work with Windows 7, as
has been the case with Windows Vista, then many of the amateur radio
operators I hear from would easily switch to some other format for computer
software.

Thank you,
James Good
----- Original Message -----
From: Microsoft Online Customer Service
To: jamesgood@...
Sent: Monday, October 26, 2009 3:11 PM
Subject: RE: SRX1115380891ID - Compatibility with software written for
earlier versions of Windows

Hello James,

Thank you for contacting Microsoft Customer Service.

I understand that you would like to know information about backward compatibility of the old software with latest operating system (Windows 7). Please let me know if I have misunderstood the issue.

You may find the information about the compatibility of software with Windows 7 at the following web link:
http://windows.microsoft.com/en-us/windows7/help/compatibility

For more information, I recommend that you contact the Microsoft Microsoft Sales and Partners Information team at (800) 426-9400. They are available from Monday through Friday 6:00 A.M. - 6:00 P.M. Pacific Time. This team will be in a better position to assist you.

If you have other concerns, please do write to us.

Thank you,

Sujith
Microsoft Customer Service Representative

If you have any feedback about your Online Customer Service experience, please send it to my manager, Justus Joy, by clicking the link below. Please be sure to include the name of my manager in the subject field.
http://go.microsoft.com/?linkid=6998852

--- Original Message ---
From : jamesgood@...
Sent : Monday, October 26, 2009 4:11:11 PM UTC
To : CNTUS.GNCS.NA.00.EN.000.000.CS.CMR.CUS.00.WB@...
Subject : Compatibility with software written for earlier versions of Windows

CONTACT INFORMATION
First Name: James Good

PRODUCT
Windows

QUESTIONS OR COMMENTS
Message: I am an amateur radio operator and have several programs installed on my personal computer that had been written for earlier versions of the Windows operating system. Some of these programs even support Windows 95 and earlier DOS operating systems. These programs are used to operate in digital modes on the amateur radio frequencies (PSK, MFSK, RTTY, etc.). In light of the problems that many users experienced when Windows Vista was introduced about the lack of support for some programs and product drivers in use by the computer user, what will be the backward compatibility of the latest version? There have been some amateur operators that have switched from the Microsoft family of software to other operating systems simply for compatibility with certain other software and external hardware. With some 600,000 or more amateur operators in the United States, it seems that gaining and keeping that group of users should be important.
Thank you,
James Good

1080. PFR-3 Thanks and Mods implimented

Yahoo group: pfr3_group
Date: 2009-11-01 02:08:20 UTC
From: Frank
Topic: 1080 Message: 1080

Hi:

This note is to thank Steve Weber for the fine rig he designed for we in the qrp community. Also, thanks to Doug Hendricks of QRPKITS for his efforts to kit the PFR-3 and make it avilable to the
larger qrp community.

I chose to make a couple of mods to my version of the PRF-3 which may be of interest.

First, rather than buy the accessory paddles I chose to install a homebrew set at the extreme right
top side (adjacent to the readout). These paddles are permanently mounted and project above
the radio about 5/8", the same height as the various knobs. I did have to drill three holes in the
top portion of the case. Two secure the paddle assemble to the radio and the third acts as a pass thru to allow the associated wiring to enter the case.

Secondly, I'm not great at copying and logging CW so I like to write much of what I hear down.
I built a miniature 'desk' from a piece of scrap plywood. As you will see from the attached photograph it secures to the front of the radio providing a writing surface of about 4 x 5 inches.

Although not visible in the photo a thin 'L' bracket is attached to the back of the 'desk' in such a
way that the vertical projection can slide between the top front cabinet cover and the bottom cover. One can control how strongly it is held in place by adjusting the tension on the two front cabinet securing thumbscrews.

When not using the radio I slip the 'desk' off the radio and store it under the radio to form a very compact shape when travelling.

Hopefully you can find the photo of my mods in the photos section as I see no way to attach them to the body of this message

For me these two mods really make the portable field station I've looked to for many years.

Thanks to all who made it possible.

72 de Frank VE7DSN

1081. Any word?

Yahoo group: pfr3_group
Date: 2009-11-01 12:54:08 UTC
From: w2lj@verizon.net
Topic: 1081 Message: 1081

Not to be a PITA: but has there been any word when the PFR3 will be "In Stock" again? I haven't seen anything on the Website.

73 de Larry W2LJ

1082. Re: PFR-3 Thanks and Mods implimented

Yahoo group: pfr3_group
Date: 2009-11-01 18:54:02 UTC
From: k8ar
Topic: 1080 Message: 1082

I like the matching color of the headphones to go with the yeller feller . Ben k8ar

--- In pfr3_group@yahoogroups.com, "Frank" <lf_gibbons@...> wrote:
>
> Hi:
>
> This note is to thank Steve Weber for the fine rig he designed for we in the qrp community. Also, thanks to Doug Hendricks of QRPKITS for his efforts to kit the PFR-3 and make it avilable to the
> larger qrp community.
>
> I chose to make a couple of mods to my version of the PRF-3 which may be of interest.
>
> First, rather than buy the accessory paddles I chose to install a homebrew set at the extreme right
> top side (adjacent to the readout). These paddles are permanently mounted and project above
> the radio about 5/8", the same height as the various knobs. I did have to drill three holes in the
> top portion of the case. Two secure the paddle assemble to the radio and the third acts as a pass thru to allow the associated wiring to enter the case.
>
> Secondly, I'm not great at copying and logging CW so I like to write much of what I hear down.
> I built a miniature 'desk' from a piece of scrap plywood. As you will see from the attached photograph it secures to the front of the radio providing a writing surface of about 4 x 5 inches.
>
> Although not visible in the photo a thin 'L' bracket is attached to the back of the 'desk' in such a
> way that the vertical projection can slide between the top front cabinet cover and the bottom cover. One can control how strongly it is held in place by adjusting the tension on the two front cabinet securing thumbscrews.
>
> When not using the radio I slip the 'desk' off the radio and store it under the radio to form a very compact shape when travelling.
>
> Hopefully you can find the photo of my mods in the photos section as I see no way to attach them to the body of this message
>
> For me these two mods really make the portable field station I've looked to for many years.
>
> Thanks to all who made it possible.
>

>
> 72 de Frank VE7DSN
>

1083. Re: Any word?

Yahoo group: pfr3_group
Date: 2009-11-01 18:50:06 UTC
From: k8ar
Topic: 1081 Message: 1083

I wrote him two weeks ago and received this reply on 10/22. k8ar

Ben, the boards arrived today. Waiting on the main chips to arrive to send to Steve, probably another week to 10 days. Again, I am giving a free paddle kit for waiting and being so patient, but if you decide you want a refund, I will also do that. I don't like taking this long but it is unavoidable. Tnx, Doug

--- In pfr3_group@yahoogroups.com, "w2lj@..." <W2LJ@...> wrote:
>
> Not to be a PITA: but has there been any word when the PFR3 will be "In Stock" again? I haven't seen anything on the Website.
>
> 73 de Larry W2LJ
>

1084. Re: Any word?

Yahoo group: pfr3_group
Date: 2009-11-01 23:10:42 UTC
From: w2lj@verizon.net
Topic: 1081 Message: 1084

Thanks Ben, Sounds like progress is being made.

Maybe I'll get mine before Christmas.

73 de Larry W2LJ

1085. Mini-Expedition Nov 6 & 7 DE WA5LPW

Yahoo group: pfr3_group
Date: 2009-11-05 20:05:39 UTC
From: kprice2982
Topic: 1085 Message: 1085

Wanted to let everyone know that I am taking my newly finished PFR-3 into the woods for a quick mini-expedition camping trip. My prayer group is heading to the Sipsey Wilderness in Northern Alabama (http://en.wikipedia.org/wiki/Sipsey_Wilderness) on Nov 6 & 7th. I hope to sneak in some operating time on Friday evening and early Saturday morning. I will work mostly on 40 meters but will also have a 20 meter dipole to try out. I will hang around the QRP frequencies and hope to work a bunch of you. I will create a special QSL / Photo card for the event.

Feel free to spot me on "http://www.qrpspots.com/" as I will not have any Internet or cellular coverage. (Isn't that is the whole point of getting away?!?)

72,
Keith

Keith Price (WA5LPW)
901-763-1275 (home) / 901-409-1432 (cell)

Micah 6:8 (NIV)
He has showed you, O man, what is good.
And what does the LORD require of you?
To act justly and to love mercy
and to walk humbly with your God.

www.wa5lpw.com / www.keithpricephotography.com
PFR-3 Info: http://www.keithpricephotography.com/pfr3.htm

FISTS Member # 12699, SKCC # 3004
Flying Pig QRP # 1553, NAQCC # 1797, QRPARCI # 12927

1086. 44' Antenna - Questions about building one

Yahoo group: pfr3_group
Date: 2009-11-14 16:32:35 UTC
From: kprice2982
Topic: 1086 Message: 1086

Within this group I have seen several references to a 44' antenna but can not find additional information about building one. I think this antenna is also the same one described in the current QRP Quarterly issue. That article mentions using ladder or window line as the feeder. My questions for the group include:

1. What length of feeder line is the best for using the 44' antenna on 20, 30 & 40?

2. Is the 300-Ohm Flat Twin-Lead Cable from Radio Shack a descent feed line?

3. Any guage wire better/worse for the 44' section (e.g. speaker wire vs. #12 stranded)?

4. Advantage/Disadvantages to this antenna?

Thanks in advance.
Keith, WA5LPW

1087. ABV.BG автоматичен отговор

Yahoo group: pfr3_group
Date: 2009-11-14 16:37:18 UTC
From: lz2lzs@abv.bg
Topic: 1087 Message: 1087

Svetlin Nikolov

1088. First QSO with my PFR3

Yahoo group: pfr3_group
Date: 2009-11-14 22:49:08 UTC
From: Catalin
Topic: 1088 Message: 1088

Finally, I finish my PFR-3 ! And the first QSO was made this evening, with a random wire, on 7 MHz, with Latvia (YL3), over a distance of 1400 Km.

So, congratulations for Steve and Doug for their good work !!!

1089. Re:44' Antenna - Questions about building one

Yahoo group: pfr3_group
Date: 2009-11-15 08:54:38 UTC
From: Michael E. Califf,Sr.
Topic: 1086 Message: 1089

I believe the Antenna is called a Norcal Doublet. You might be able to find it by doing a search for that or going to the www.Norcalqrp.org website and looking there.

MecSr MikeSr AB7OC

1090. Re: [pfr3_group] Re:44' Antenna - Questions about building one

Yahoo group: pfr3_group
Date: 2009-11-15 10:31:10 UTC
From: David Wilcox
Topic: 1086 Message: 1090

Here is another version known as the Crappie Antenna:
http://www.amqrp.org/projects/crappie/crappie.htm It just uses 300 ohm feeders in place of computer cable.

Dave K8WPE Djwilcox01@...

--- On Sun, 11/15/09, Michael E. Califf,Sr. <mecsr@...> wrote:

From: Michael E. Califf,Sr. <mecsr@...>
Subject: [pfr3_group] Re:44' Antenna - Questions about building one
To: pfr3_group@yahoogroups.com
Date: Sunday, November 15, 2009, 3:54 AM

I believe the Antenna is called a Norcal Doublet. You might be able to find it by doing a search for that or going to the www.Norcalqrp. org website and looking there.

MecSr MikeSr AB7OC

1091. ABV.BG автоматичен отговор

Yahoo group: pfr3_group
Date: 2009-11-15 10:31:40 UTC
From: lz2lzs@abv.bg
Topic: 1087 Message: 1091

Svetlin Nikolov

1092. Re: 44' Antenna - Questions about building one

Yahoo group: pfr3_group
Date: 2009-11-15 15:41:15 UTC
From: k4iwl
Topic: 1086 Message: 1092

If you are referencing a vertical antenna look at this months QST, the article by Phil Salas AD5X on the 43' vertical for 80 and 160.

Or for a wire antenna that will work on 30M - 15M [including WARC bands] go to http://www.w5fc.org/files/how-to/QRP%20Expressions_version_1.pdf and read my article "A Winning Antenna." I published that in 2005 on the Internet and it is now in in use in over 30 countries. It is a detailed construction article. That antenna is 66-feet. I'm not sure what source you are referring to as a 44' antenna and what bands it's designed for.

72,
Len, K4IWL

--- In pfr3_group@yahoogroups.com, "kprice2982" <kprice2982@...> wrote:
>
> Within this group I have seen several references to a 44' antenna but can not find additional information about building one. I think this antenna is also the same one described in the current QRP Quarterly issue. That article mentions using ladder or window line as the feeder. My questions for the group include:
>
> 1. What length of feeder line is the best for using the 44' antenna on 20, 30 & 40?
>
> 2. Is the 300-Ohm Flat Twin-Lead Cable from Radio Shack a descent feed line?
>
> 3. Any guage wire better/worse for the 44' section (e.g. speaker wire vs. #12 stranded)?
>
> 4. Advantage/Disadvantages to this antenna?
>
> Thanks in advance.
> Keith, WA5LPW
>

1093. KI6DS Email Server Problems

Yahoo group: pfr3_group
Date: 2009-11-15 20:44:17 UTC
From: KI6DS
Topic: 1093 Message: 1093

As those of you who have tried to send me email, my provider has been down for a week. It is a mess. Dean is working on setting up a new email account for me that is connected to my website and that we will have control of. Meantime, if you need to email me, please use the ki6ds@... in the interim. I will post here when the new email address is working. Thanks for your patience and understanding. Doug

1094. PFR3A Availability Announcement

Yahoo group: pfr3_group
Date: 2009-11-15 20:52:00 UTC
From: KI6DS
Topic: 1094 Message: 1094

Finally, I have a firm date on all the parts needed for the return of the PFR-3 radios, which will now be known as the PFR-3A. Steve redid the board and fixed some minor glitches that were bugging him. The board has new software that is NOT backward compatible to the PFR3. It is different because the new board required it. So no, you don't need to upgrade your software in your atmel chip.

The kits will be ready to ship the first week of December. Now the bad news, I have to take a price increase of $25. There is a special offer for anyone who orders between now and Dec. 1st. I will honor the old price of $200 for the kit. The price will officially change on Dec. 1st. So if you are thinking of ordering, don't hold off, so you won't be hit with the price increase. You may order by going to the website and clicking on the PFR3 picture. Dean will keep everything the same on the pricing until Dec. 1st. Steve will have the new manual up in a few days, well before the kits ship.

Thank you again for your incredible patience and support on a great Steve Weber design. 72, Doug

1095. RE: [pfr3_group] PFR3A Availability Announcement

Yahoo group: pfr3_group
Date: 2009-11-16 01:20:43 UTC
From: Linda Feltz
Topic: 1094 Message: 1095

Doug:

As for me, they are well worth the price increase!

Paul - WA0VDM

To: pfr3_group@yahoogroups.com
From: ki6ds@...
Date: Sun, 15 Nov 2009 20:52:00 +0000
Subject: [pfr3_group] PFR3A Availability Announcement

Finally, I have a firm date on all the parts needed for the return of the PFR-3 radios, which will now be known as the PFR-3A. Steve redid the board and fixed some minor glitches that were bugging him. The board has new software that is NOT backward compatible to the PFR3. It is different because the new board required it. So no, you don't need to upgrade your software in your atmel chip.

The kits will be ready to ship the first week of December. Now the bad news, I have to take a price increase of $25. There is a special offer for anyone who orders between now and Dec. 1st. I will honor the old price of $200 for the kit. The price will officially change on Dec. 1st. So if you are thinking of ordering, don't hold off, so you won't be hit with the price increase. You may order by going to the website and clicking on the PFR3 picture. Dean will keep everything the same on the pricing until Dec. 1st. Steve will have the new manual up in a few days, well before the kits ship.

Thank you again for your incredible patience and support on a great Steve Weber design. 72, Doug

_____
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt.com/GBL/go/177141665/direct/01/

1096. Re: PFR3A Availability Announcement

Yahoo group: pfr3_group
Date: 2009-11-16 12:01:07 UTC
From: cawlx
Topic: 1094 Message: 1096

Nothing like a bargain to get me off the fence, placed the order this morning, looking forward to using my own yellow box.
73's
Carl
VE3APY

1097. ABV.BG автоматичен отговор

Yahoo group: pfr3_group
Date: 2009-11-16 12:01:57 UTC
From: lz2lzs@abv.bg
Topic: 1087 Message: 1097

Svetlin Nikolov

1098. Re: PFR3A Availability Announcement

Yahoo group: pfr3_group
Date: 2009-11-17 01:23:32 UTC
From: jimnlacy
Topic: 1094 Message: 1098

Doug,

Thanks for getting the kits ready to shipment in December. I couldn't pass up the price break so I ordered one today. Looking forward to putting it together.

73s,

Jim
KI6ISQ

1099. pfr3a

Yahoo group: pfr3_group
Date: 2009-11-17 13:08:55 UTC
From: k8ar
Topic: 1099 Message: 1099

After a 3 month wait since ordering in early September it seems just like Christmas coming up early.Are we now going to be considered Beta testers? I am sure that it will be better than ever. Thanks Doug and Steve for all your efforts despite us impatient hams. Ben k8ar

1101. 3A

Yahoo group: pfr3_group
Date: 2009-11-17 13:54:34 UTC
From: Jim Lasley
Topic: 1101 Message: 1101

Price break got me too. Now how do I tell mama?

73 de
Jim Lasley, NØJL, A1-Op
n0jl<at>yahoo.com; n0jl<at>arrl.org
n0jl<at>arrl.net; ARRL Life Member;
QCWA Life Member, 24811;
SKCC Life Member, 2079T;
FISTS 13917, CC 2065; NAQCC Life Member, 2429;
FP Life Member, 2054; NRA Life Member
Did you ever see so much signature that didn't say anything?

1102. RE: [pfr3_group] 3A

Yahoo group: pfr3_group
Date: 2009-11-17 15:17:10 UTC
From: Paul Feltz
Topic: 1101 Message: 1102

Jim:

As they say, it is easier to ask for forgiveness than ask for permission.......

72 Paul WA0VDM

To: pfr3_group@yahoogroups.com
From: n0jl@...
Date: Tue, 17 Nov 2009 05:54:34 -0800
Subject: [pfr3_group] 3A

Price break got me too. Now how do I tell mama?

73 de
Jim Lasley, NØJL, A1-Op
n0jl<at>yahoo.com; n0jl<at>arrl.org
n0jl<at>arrl.net; ARRL Life Member;
QCWA Life Member, 24811;
SKCC Life Member, 2079T;
FISTS 13917, CC 2065; NAQCC Life Member, 2429;
FP Life Member, 2054; NRA Life Member
Did you ever see so much signature that didn't say anything?

Windows 7: I wanted simpler, now it's simpler. I'm a rock star.
http://www.microsoft.com/Windows/windows-7/default.aspx?h=myidea?ocid=PID24727::T:WLMTAGL:ON:WL:en-US:WWL_WIN_myidea:112009

1103. Re: [pfr3_group] 3A

Yahoo group: pfr3_group
Date: 2009-11-17 16:19:29 UTC
From: wa9dgm@aol.com
Topic: 1101 Message: 1103

no you pay the price by buying something the xyl has wanted for a long
time. known as a bribe hihi 73 john

In a message dated 11/17/2009 8:06:14 A.M. Pacific Standard Time,
paulfeltz@... writes:

Jim:
As they say, it is easier to ask for forgiveness than ask for
permission..As th

72 Paul WA0VDM

To: pfr3_group@yahoogro To:
From: n0jl@...
Date: Tue, 17 Nov 2009 05:54:34 -0800
Subject: [pfr3_group] 3A

Price break got me too. Now how do I tell mama?

73 de
Jim Lasley, NØJL, A1-Op
n0jl<at>yahoo.com; n0jl<at>arrl.org
n0jl<at>arrl.net; ARRL Life Member;
QCWA Life Member, 24811;
SKCC Life Member, 2079T;
FISTS 13917, CC 2065; NAQCC Life Member, 2429;
FP Life Member, 2054; NRA Life Member
Did you ever see so much signature that didn't say anything?

Windows 7: I wanted simpler, now it's simpler. _I'm a rock star._
(http://www.microsoft.com/Windows/windows-7/default.aspx?h=myidea?ocid=PID24727::T:WLM
TAGL:ON:WL:en-US:WWL_WIN_myidea:112009)

1104. Warm up the soldering irons!!

Yahoo group: pfr3_group
Date: 2009-12-07 01:24:29 UTC
From: KI6DS
Topic: 1104 Message: 1104

Finally, tomorrow, my wife will take to the post office the first load of the new PFR3A kits. Thank you for all of your incredible patience. JoAnne will be shipping out 22 of them tomorrow, and will ship the rest of the ordered ones on Thursday because of Drs appointments Tues and Weds. 72, Doug

By the way, the new contact information for me is:

ki6ds@... for general contacts
order@... for questions about orders that have been placed
parts@... for parts issues. Thanks, Doug

1105. ABV.BG автоматичен отговор

Yahoo group: pfr3_group
Date: 2009-12-07 01:24:47 UTC
From: lz2lzs@abv.bg
Topic: 1087 Message: 1105

Svetlin Nikolov

1106. New kit

Yahoo group: pfr3_group
Date: 2009-12-10 02:33:46 UTC
From: John
Topic: 1106 Message: 1106

Received my kit today. Very speedy delivery. Everything looks good. I'm not wild about the yellow case, though. Has anyone (successfully) repainted one? I was thinking of an off-white or cream color. Needs to be light for the decals. Thanks Doug!! 73 de John KO0D

1107. ABV.BG автоматичен отговор

Yahoo group: pfr3_group
Date: 2009-12-10 02:34:05 UTC
From: lz2lzs@abv.bg
Topic: 1087 Message: 1107

Svetlin Nikolov

1108. Re: New kit

Yahoo group: pfr3_group
Date: 2009-12-10 02:45:52 UTC
From: wb8yyy_curt
Topic: 1106 Message: 1108

Perhaps the case will grow on you, given all the black, gray and green rigs we typically own. Mine has the W5JH paddle attached, and its red parts adds to the red buttons on the rig. That aspect should fade into the background - and if you still must paint it its not that dreadful to take off the knobs. But this professionally baked finish should hold up better than other paints on top of it. 73 Curt

--- In pfr3_group@yahoogroups.com, "John" <jbmcmichael@...> wrote:
>
> Received my kit today. Very speedy delivery. Everything looks good. I'm not wild about the yellow case, though. Has anyone (successfully) repainted one? I was thinking of an off-white or cream color. Needs to be light for the decals. Thanks Doug!! 73 de John KO0D
>

1109. Re: New kit

Yahoo group: pfr3_group
Date: 2009-12-10 12:48:00 UTC
From: Michael Baker
Topic: 1106 Message: 1109

Hello John,

Yeah, I sort of had the same opinion when I first saw it as well.
The old Gonset Goonie Box with the CD logo on it came to mind. ;>) I have a Photo Shopped picture I should upload of my "artistic rendition" of the "CD PFR3". ;>)
When the rig was conceived the idea was to have a rig that could be a self contained station in a box for back packing: thus was born the "Pack Friendly Radio = PFR" and the color was chosen for ease of being able to find it in your back pack and your tent at dusk or in the near dark as well as keep it cool when you operated during the day outside. Not as much Solar heating issues as a Black or dark Grey rig.
My personal choice would have been a matte sand blast finish that was hard anodized to the medium blue that is used on many race car and bike accessories with stamped or engraved lettering but the cost of that case would likely have been at least double or even triple what it cost to make it the first place.
If I had the time and talent to do the job myself it might be fun to get a case and re-do the finish that suits you just as an example of what could be.
BTW, the more you use the rig, the more it will grow on you.
Yep, my W5JS paddle has its place on the front of my rig as well: SN#1, and Jerry does a very nice job with his kits.

Best 72, 73

Michael Baker K7DD
k7dd@cox.net

1110. ABV.BG автоматичен отговор

Yahoo group: pfr3_group
Date: 2009-12-10 12:50:14 UTC
From: lz2lzs@abv.bg
Topic: 1087 Message: 1110

Svetlin Nikolov

1111. Re:New kit

Yahoo group: pfr3_group
Date: 2009-12-10 17:06:47 UTC
From: Len [K4IWL]
Topic: 1106 Message: 1111

Picky ... Picky ... Picky.
Yellow sets you apart from the rest of the ham world!
Makes you special.
Hi Hi

72,

N. T. "LEN" Carlson, K4IWL
Sarasota, Florida, USA [GS: EL87RH]
www.qrz.com/db/k4iwl
http://www.w5fc.org/files/how-to/QRP%20Expressions_version_1.pdf
100% QRP and loving it:
K2 #848 [CW only],
K1 #2112,
Wilderness Radio SIERRA,
Every conceivable RockMite,
15M HiMite, & the new PFR3 Xceiver [www.qrpkits.com]

'It is vain to do with more what can be done with less'
~~ William of Occam, English Philosopher and Franciscan Monk, Circa 1285-1349 ~~

1112. Re: [pfr3_group] Re:New kit

Yahoo group: pfr3_group
Date: 2009-12-10 18:02:56 UTC
From: Mike Malone
Topic: 1106 Message: 1112

It also is a lot less drifty than a black box out in the sun. It sticks out
well so you
don't forget to put it back in your daypack on outings. It is also a PRE
PAINTED
case for a kit that cost well under some of it's competition. Once you
operate
with it, you are going to forget about it being yellow.

KD5KXF Mike Malone

On Thu, Dec 10, 2009 at 11:06 AM, Len [K4IWL] <k4iwl@...> wrote:

>
>
> Picky ... Picky ... Picky.
> Yellow sets you apart from the rest of the ham world!
> Makes you special.
> Hi Hi
>
> 72,
>
> N. T. "LEN" Carlson, K4IWL
> Sarasota, Florida, USA [GS: EL87RH]
> www.qrz.com/db/k4iwl
> http://www.w5fc.org/files/how-to/QRP%20Expressions_version_1.pdf
> 100% QRP and loving it:
> K2 #848 [CW only],
> K1 #2112,
> Wilderness Radio SIERRA,
> Every conceivable RockMite,
> 15M HiMite, & the new PFR3 Xceiver [www.qrpkits.com]
>
> 'It is vain to do with more what can be done with less'
> ~~ William of Occam, English Philosopher and Franciscan Monk, Circa
> 1285-1349 ~~
>
>
>

1113. Re: [pfr3_group] Re:New kit

Yahoo group: pfr3_group
Date: 2009-12-10 18:10:13 UTC
From: Henry Schneider
Topic: 1106 Message: 1113

It actualy grows on you. I made up a longer battery power cord and used wire with yellow insulation. Thinking about painting the battery yellow and finding yellow guitar picks to put on the paddle. Maybe I need counseling.
Henry W5HNS

--- On Thu, 12/10/09, Len [K4IWL] <k4iwl@comcast.net> wrote:

From: Len [K4IWL] <k4iwl@...>
Subject: [pfr3_group] Re:New kit
To: pfr3_group@yahoogroups.com
Date: Thursday, December 10, 2009, 11:06 AM

Picky ... Picky ... Picky.

Yellow sets you apart from the rest of the ham world!

Makes you special.

Hi Hi

72,

N. T. "LEN" Carlson, K4IWL

Sarasota, Florida, USA [GS: EL87RH]

www.qrz.com/ db/k4iwl

http://www.w5fc. org/files/ how-to/QRP% 20Expressions_ version_1. pdf

100% QRP and loving it:

K2 #848 [CW only],

K1 #2112,

Wilderness Radio SIERRA,

Every conceivable RockMite,

15M HiMite, & the new PFR3 Xceiver [www.qrpkits. com]

'It is vain to do with more what can be done with less'

~~ William of Occam, English Philosopher and Franciscan Monk, Circa

1285-1349 ~~

1114. [pfr3_group] The Portable Field Radio-3 fashion statement

Yahoo group: pfr3_group
Date: 2009-12-10 18:46:57 UTC
From: crp.wd8axb@comcast.net
Topic: 1106 Message: 1114

About the Yellow phenomena,

I found a pair of yellow headphones......

and I am painting a CW key base yellow.....

With the decals and knobs and switches on, I think of the case as bright and unique. The yellow is yellow, but as a radio it is not so stark like the empty box/kit.

Yeah, the yellow grows on you....

now you've got a radio that color coodinates with your old Gonset and your Civil Defense Radiation detectors..... and your post-it notepads, and your rain coat....and your bananas.

Charlie WD8AXB

Vicksburg, MI

----- Original Message -----
From: "Henry Schneider" <w5hns@...>
To: "pfr3 group" <pfr3_group@yahoogroups.com>
Sent: Thursday, December 10, 2009 1:10:13 PM GMT -05:00 US/Canada Eastern
Subject: Re: [pfr3_group] Re:New kit

It actualy grows on you. I made up a longer battery power cord and used wire with yellow insulation. Thinking about painting the battery yellow and finding yellow guitar picks to put on the paddle. Maybe I need counseling.

Henry W5HNS

1115. Re: The Portable Field Radio-3 fashion statement

Yahoo group: pfr3_group
Date: 2009-12-11 01:44:08 UTC
From: w0ese
Topic: 1106 Message: 1115

I LOVE the yellow. I must admit that it helped to sell the kit to me. Yes, I thought of the CD Gonset when I ordered it. I had to apply a CD logo sticker on it. Check out my photo album, PFR-3 with authentic cold war relics (radiological survey meter, dosimeters, dosimeter charger, and original fallout shelter sign). You may note that the color scheme is quite similar indeed!

-Bryan WØESE

--- In pfr3_group@yahoogroups.com, crp.wd8axb@... wrote:
>
>
>
> About the Yellow phenomena,
>
>
>
> I found a pair of yellow headphones......
>
> and I am painting a CW key base yellow.....
>
> With the decals and knobs and switches on, I think of the case as bright and unique. The yellow is yellow, but as a radio it is not so stark like the empty box/kit.
>
> Yeah, the yellow grows on you....
>
> now you've got a radio that color coodinates with your old Gonset and your Civil Defense Radiation detectors..... and your post-it notepads, and your rain coat....and your bananas.
>
>
>
> Charlie WD8AXB
>
> Vicksburg, MI
>
>
> ----- Original Message -----
> From: "Henry Schneider" <w5hns@...>
> To: "pfr3 group" <pfr3_group@yahoogroups.com>
> Sent: Thursday, December 10, 2009 1:10:13 PM GMT -05:00 US/Canada Eastern
> Subject: Re: [pfr3_group] Re:New kit
>
> Â
>
>

>
>
> It actualy grows on you. Â I made up a longer battery power cord and used wire with yellow insulation. Â Thinking about painting the battery yellow and finding yellow guitar picks to put on the paddle. Â Maybe I need counseling.
>
>
> Henry W5HNS
>

1116. The "Mini-Gonset"

Yahoo group: pfr3_group
Date: 2009-12-11 03:43:23 UTC
From: wd8axb
Topic: 1116 Message: 1116

WOW, someone had all the "CD" pieces!

Great photos of the vintage radiation detectors.

By golly, there IS that center flat open space on the PFR-3
just begging for the Civil Defense decal!!!

Lots of grins!

Charlie PFisteR WD8AXB

1117. ABV.BG автоматичен отговор

Yahoo group: pfr3_group
Date: 2009-12-11 03:43:38 UTC
From: lz2lzs@abv.bg
Topic: 1087 Message: 1117

Svetlin Nikolov

1118. Re: [pfr3_group] The "Mini-Gonset"

Yahoo group: pfr3_group
Date: 2009-12-11 03:55:03 UTC
From: Dan Swartling
Topic: 1116 Message: 1118

okay, where can we get CD decals?

From: wd8axb <crp.wd8axb@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, December 10, 2009 9:43:23 PM
Subject: [pfr3_group] The "Mini-Gonset"

WOW, someone had all the "CD" pieces!

Great photos of the vintage radiation detectors.

By golly, there IS that center flat open space on the PFR-3
just begging for the Civil Defense decal!!!

Lots of grins!

Charlie PFisteR WD8AXB

1119. Re: The "Mini-Gonset"

Yahoo group: pfr3_group
Date: 2009-12-11 12:38:07 UTC
From: w0ese
Topic: 1116 Message: 1119

You can get your very own vinyl Civil Defense stickers at:

http://www.zazzle.com/civil_defense_circle_sticker-217369113637416262

If you want a little variation, they also have one in yellow (not blue) it would look super nice on the PRF-3:

http://www.zazzle.com/civil_defense_yellow_logo_sticker-217259830020465216

The 1.5 inch size is what I have on the front. But I am thinking about a 3 inch sticker on the back of a fallout shelter logo:

http://www.zazzle.com/fallout_sticker-217486074710474943

Even neater than the fallout shelter logo is the "Alert today, Alive Tomorrow".

http://www.zazzle.com/national_civil_defense_week_sticker-217855099276663403

You do have to buy a full sheet of stickers (20 1.5" or 6 3").

I have a few "blue" CD logo stickers left, perhaps I'd trade for another style (i.e. I send you a "blue", you send a "Alert today, Alive Tomorrow", etc.). Get a sticker trade going, maybe even a few logos will but up for grabs?

-Bryan WØESE

--- In pfr3_group@yahoogroups.com, Dan Swartling <dswartling@...> wrote:
>
> okay, where can we get CD decals?
>
>
>
>
>
> _____
> From: wd8axb <crp.wd8axb@...>
> To: pfr3_group@yahoogroups.com
> Sent: Thu, December 10, 2009 9:43:23 PM
> Subject: [pfr3_group] The "Mini-Gonset"
>
>
> WOW, someone had all the "CD" pieces!
>
> Great photos of the vintage radiation detectors.
>
> By golly, there IS that center flat open space on the PFR-3
> just begging for the Civil Defense decal!!!
>
> Lots of grins!

>
> Charlie PFisteR WD8AXB
>

1120. Re: The "Mini-Gonset"

Yahoo group: pfr3_group
Date: 2009-12-11 14:45:42 UTC
From: w5jhjerry
Topic: 1116 Message: 1120

All,
I have some of the water slide paper for making decals. If someone has a good jpeg of the logos wanted, I could put them on the water slide. I would be glad to send them out to everyone for the cost (10 cents/decal plus a SASE should cover it). Anyone have a nice picture of the logo they could send me? Mike Baker do you have the logo?
Jerry W5JH

--- In pfr3_group@yahoogroups.com, "w0ese" <w0ese@...> wrote:
>
>
>
> You can get your very own vinyl Civil Defense stickers at:
>
> http://www.zazzle.com/civil_defense_circle_sticker-217369113637416262
>
> If you want a little variation, they also have one in yellow (not blue) it would look super nice on the PRF-3:
>
> http://www.zazzle.com/civil_defense_yellow_logo_sticker-217259830020465216
>
> The 1.5 inch size is what I have on the front. But I am thinking about a 3 inch sticker on the back of a fallout shelter logo:
>
> http://www.zazzle.com/fallout_sticker-217486074710474943
>
> Even neater than the fallout shelter logo is the "Alert today, Alive Tomorrow".
>
> http://www.zazzle.com/national_civil_defense_week_sticker-217855099276663403
>
> You do have to buy a full sheet of stickers (20 1.5" or 6 3").
>
> I have a few "blue" CD logo stickers left, perhaps I'd trade for another style (i.e. I send you a "blue", you send a "Alert today, Alive Tomorrow", etc.). Get a sticker trade going, maybe even a few logos will but up for grabs?
>
> -Bryan WØESE
>
> --- In pfr3_group@yahoogroups.com, Dan Swartling <dswartling@> wrote:
> >
> > okay, where can we get CD decals?
> >
> >
> >
> >
> >
> > _____

> > From: wd8axb <crp.wd8axb@>
> > To: pfr3_group@yahoogroups.com
> > Sent: Thu, December 10, 2009 9:43:23 PM
> > Subject: [pfr3_group] The "Mini-Gonset"
> >
> >
> > WOW, someone had all the "CD" pieces!
> >
> > Great photos of the vintage radiation detectors.
> >
> > By golly, there IS that center flat open space on the PFR-3
> > just begging for the Civil Defense decal!!!
> >
> > Lots of grins!
> >
> > Charlie PFisteR WD8AXB
> >
>

1121. Yellow Boxes

Yahoo group: pfr3_group
Date: 2009-12-11 15:15:59 UTC
From: w3bboqrp
Topic: 1121 Message: 1121

Okay, I have to join in this discussion.

I've uploaded a picture of my yellow boxes. Front row shows the PFR-3, my 20 meter Sierra, and a NEScaf audio filter. Back row is a homebrew power supply which provides regulated 9 and 12 VDC, plus variable 0-18 DC. Next to the supply is a new and nifty Four States EZKeyer.

Remember, be mellow, use yellow!
73 de Bob W3BBO

1122. RE: [pfr3_group] Re: The "Mini-Gonset"

Yahoo group: pfr3_group
Date: 2009-12-11 15:52:41 UTC
From: Michael Baker
Topic: 1116 Message: 1122

No, but I Googled ☐Civil Defense Logo☐ and got a TON of clip art to use.

There should be something there you can copy if needed.

Michael Baker K7DD
k7dd@...

-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of w5jhjerry
Sent: Friday, December 11, 2009 7:46 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: The "Mini-Gonset"

All,
I have some of the water slide paper for making decals. If someone has a good jpeg of the logos wanted, I could put them on the water slide. I would be glad to send them out to everyone for the cost (10 cents/decal plus a SASE should cover it). Anyone have a nice picture of the logo they could send me? Mike Baker do you have the logo?
Jerry W5JH

--- In pfr3_group@yahoogro <mailto:pfr3_group%40yahoogroups.com> ups.com, "w0ese" <w0ese@...> wrote:
>
>
>
> You can get your very own vinyl Civil Defense stickers at:
>
> http://www.zazzle.
<http://www.zazzle.com/civil_defense_circle_sticker-217369113637416262>
com/civil_defense_circle_sticker-217369113637416262
>
> If you want a little variation, they also have one in yellow (not blue) it would look super nice on the PRF-3:
>
> http://www.zazzle.
<http://www.zazzle.com/civil_defense_yellow_logo_sticker-217259830020465216>
com/civil_defense_yellow_logo_sticker-217259830020465216
>
> The 1.5 inch size is what I have on the front. But I am thinking about a 3 inch sticker on the back of a fallout shelter logo:
>
> http://www.zazzle.
<http://www.zazzle.com/fallout_sticker-217486074710474943>
com/fallout_sticker-217486074710474943

>
> Even neater than the fallout shelter logo is the "Alert today, Alive
Tomorrow".
>
> http://www.zazzle.
<http://www.zazzle.com/national_civil_defense_week_sticker-217855099276663403
3> com/national_civil_defense_week_sticker-217855099276663403
>
> You do have to buy a full sheet of stickers (20 1.5" or 6 3").
>
> I have a few "blue" CD logo stickers left, perhaps I'd trade for another
style (i.e. I send you a "blue", you send a "Alert today, Alive Tomorrow",
etc.). Get a sticker trade going, maybe even a few logos will but up for
grabs?
>
> -Bryan WØESE
>
> --- In pfr3_group@yahoogro <mailto:pfr3_group%40yahoogroups.com> ups.com,
Dan Swartling <dswartling@> wrote:
> >
> > okay, where can we get CD decals?
> >
> >
> >
> >
> >
> > _____
> > From: wd8axb <crp.wd8axb@>
> > To: pfr3_group@yahoogro <mailto:pfr3_group%40yahoogroups.com> ups.com
> > Sent: Thu, December 10, 2009 9:43:23 PM
> > Subject: [pfr3_group] The "Mini-Gonset"
> >
> >
> > WOW, someone had all the "CD" pieces!
> >
> > Great photos of the vintage radiation detectors.
> >
> > By golly, there IS that center flat open space on the PFR-3
> > just begging for the Civil Defense decal!!!
> >
> > Lots of grins!
> >
> > Charlie PFisteR WD8AXB
> >
>

1123. Re: New kit

Yahoo group: pfr3_group
Date: 2009-12-12 01:10:58 UTC
From: John
Topic: 1106 Message: 1123

Didn't know I would raise passions so high. Understand that to me getting wild is buying a beige car instead of a gray one. I don't have to make a decision on the color for a while. This is a 'hotel build' project and I am going slow. Couple of erros in the manual hasn't helped. Trying to read the numbers on caps the size or a grain of rice is hard for my 65 YO eyes, even with a good magnifying glass.

It is nice to see new messages in the group. 73 de KO0D

--- In pfr3_group@yahoogroups.com, "John" <jbmcmichael@...> wrote:
>
> Received my kit today. Very speedy delivery. Everything looks good. I'm not wild about the yellow case, though. Has anyone (successfully) repainted one? I was thinking of an off-white or cream color. Needs to be light for the decals. Thanks Doug!! 73 de John KO0D
>

1124. RE: [pfr3_group] Re: New kit

Yahoo group: pfr3_group
Date: 2009-12-12 03:42:15 UTC
From: Dale Putnam
Topic: 1106 Message: 1124

Hi John,

Don't worry, there are still feelings that are evident in the choice of the color.. and you have a choice too.. and that is what it is all about. I really didn't think I would like the bright yellow.. until I thought about it.. and considered that I, who is well known for walking off or away from something, in the wilderness.. then spending the next three days.. with luck, only one snow storm, and a bunch of wind.. hunting for it.. and breaking camp, packing up... late of course.. only to suddenly remember that I had been on the air... and pack the antenna.. but what happened to the radio.. it was layin.....

So.. the yellow helps a lot with that.... particular problem.. the other thing that is pretty neat.. ...*G*... I don't even have to turn on the light in the ham shack to find it... even after midnight. *G*

Seriously.. and on another point you made... an offer if you want. After you finish the build.. and you're having trouble that you don't want to chase... or need help with..

just ask.. there is a lot of folks that will be very happy to help.. and if you want, I would be happy to check the radio.. repair if needed, run the specs on it.. and return it. You would be held to the shipping, only.

So.. don't be discouraged... it is a fine radio.. and builds great. Yes.. parts are hard to see.. I use a lot of different glass to help out with that...

Good luck, and with the yellow.. it is an unmistakeable... totally!

--... ..---

Dale - WC7S in Wy

Didn't know I would raise passions so high. Understand that to me getting wild is buying a beige car instead of a gray one. I don't have to make a decision on the color for a while. This is a 'hotel build' project and I am going slow. Couple of erros in the manual hasn't helped. Trying to read the numbers on caps the size or a grain of rice is hard for my 65 YO eyes, even with a good magnifying glass.

It is nice to see new messages in the group. 73 de KO0D

--- In pfr3_group@yahoogroups.com, "John" <jbmcmichael@...> wrote:
>
> Received my kit today. Very speedy delivery. Everything looks good. I'm not wild about the yellow case, though. Has anyone (successfully) repainted one? I was thinking of an off-white or cream color. Needs to be light for the decals. Thanks Doug!! 73 de John KO0D
>

_____
Hotmail: Powerful Free email with security by Microsoft.
http://clk.atdmt.com/GBL/go/171222986/direct/01/

1125. RE: [pfr3_group] Re: New kit

Yahoo group: pfr3_group
Date: 2009-12-12 14:36:56 UTC
From: Dick Hockemeyer
Topic: 1106 Message: 1125

John,
If you can, try printing or copying the Parts Placement Overview onto 11x17 inch or larger paper.
Printing is probably clearer than an enlarged copy. Might want to take it into Kinkos or another print shop.
It makes a WORLD of difference.
Dick
NY4FL

-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]On Behalf Of John
Sent: Friday, December 11, 2009 8:11 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: New kit

Didn't know I would raise passions so high. Understand that to me getting wild is buying a beige car instead of a gray one. I don't have to make a decision on the color for a while. This is a 'hotel build' project and I am going slow. Couple of erros in the manual hasn't helped. Trying to read the numbers on caps the size or a grain of rice is hard for my 65 YO eyes, even with a good magnifying glass.

It is nice to see new messages in the group. 73 de KO0D

--- In pfr3_group@yahoogroups.com, "John" <jbmcmichael@...> wrote:
>
> Received my kit today. Very speedy delivery. Everything looks good. I'm not wild about the yellow case, though. Has anyone (successfully) repainted one? I was thinking of an off-white or cream color. Needs to be light for the decals. Thanks Doug!! 73 de John KO0D
>

1126. pfr-3A caps

Yahoo group: pfr3_group
Date: 2009-12-13 02:48:28 UTC
From: John
Topic: 1126 Message: 1126

Anyone else run into this on the "A" model? It appears that I have two extra 10uF electrolitics and one extra 22uf but I am short a 100uF.

If a 100uF is required I might be able to get one locally at Radio Shack but New Orleans isn't overflowing with electronics parts houses. Might have to wait until I get back to Denver next week.

1127. Re: [pfr3_group] ABV.BG автоматичен отго вор

Yahoo group: pfr3_group
Date: 2009-12-13 03:23:35 UTC
From: DEWEY ADEN CARVER
Topic: 1087 Message: 1127

Yeah right, speak in English!
----- Original Message -----
From: lz2lzs@...<mailto:lz2lzs@...>
To: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>
Sent: Thursday, December 10, 2009 8:43 PM
Subject: [pfr3_group] ABV.BG автоматичен отговор

Svetlin Nikolov

Yahoo! Groups Links

1128. Re: [pfr3_group] ABV.BG автоматичен отго вор

Yahoo group: pfr3_group
Date: 2009-12-13 03:48:29 UTC
From: DEWEY ADEN CARVER
Topic: 1087 Message: 1128

Anyone else getting this stupid message? Anyone know what it means?
----- Original Message -----
From: lz2lzs@...<mailto:lz2lzs@...>
To: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>
Sent: Thursday, December 10, 2009 8:43 PM
Subject: [pfr3_group] ABV.BG автоматичен отговор

Svetlin Nikolov

Yahoo! Groups Links

1129. Re: ABV.BG àâòîìàòè÷åí îòãîâîð

Yahoo group: pfr3_group
Date: 2009-12-13 04:15:24 UTC
From: Jerry
Topic: 1087 Message: 1129

ABV.BG is a Bulgarian website that provides an email service. This message is an automatically-generated response that's gone wrong somehow. I've been seeing it for a while. Not much you can do except possibly have it filtered and redirected to your trash.

Jerry AA6KI

--- In pfr3_group@yahoogroups.com, "DEWEY ADEN CARVER" <aden58@...> wrote:
>
> Anyone else getting this stupid message? Anyone know what it means?
> ----- Original Message -----
> From: lz2lzs@...<mailto:lz2lzs@...>
> To: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>
> Sent: Thursday, December 10, 2009 8:43 PM
> Subject: [pfr3_group] ABV.BG àâòîìàòè÷åí îòãîâîð
>
>
> Svetlin Nikolov
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

1130. PFR3A info

Yahoo group: pfr3_group
Date: 2009-12-14 02:56:28 UTC
From: wb5qyt
Topic: 1130 Message: 1130

Hi Group,

I'm enjoying building my new PFR-3A.
I don't have a feq. counter, so I'm trying to hear a signal out of U7 with my receiver, with no luck. Display works great. I checked for bridges and bad joints....seems ok. Tips, suggestions please.

Thanks to both Doug and Steve for supporting QRP.

72, Tom Wb5qyt

PS: Doug, are you ready to go back to Riley?

1131. Re: [pfr3_group] ABV.BG автоматичен отговор - my guess

Yahoo group: pfr3_group
Date: 2009-12-14 07:30:09 UTC
From: Peter Risdahl
Topic: 1131 Message: 1131

My guess is it is a link up to/from a PFR3 mailing group in Bulgaria.
My friend who read Russian guesses the 2 Cyrillic words mean roughly "automated answer" in Bulgarian.
73
Peter

1132. Why Push Buttons for tuning?

Yahoo group: pfr3_group
Date: 2009-12-16 02:53:37 UTC
From: va3ied
Topic: 1132 Message: 1132

Hey folks--still waiting for my rig to arrive but hope its hear by Christmas. I have run QRP for many years--mostly TT gear. Can't wait for this little gem arrive but can't help but wonder wh ypush buttons were chose for tuning...any obvious reasons other than it wont get bumped or accidetally shifted off freq? Everything else has a dial. Just curious...

73

scott VA3IED

1133. RE: [pfr3_group] Why Push Buttons for tuning?

Yahoo group: pfr3_group
Date: 2009-12-16 02:58:11 UTC
From: Dale Putnam
Topic: 1132 Message: 1133

Hi Scott,

I am working with a fellow that makes an encoder that is rotary.. we are working up a mod for the PFR3 that would provide a knob for freq control. The radio itself is controlled by a mico-P that accepts up and down controls from the switches.. and menu selection by the same manner.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: scottsheppard@...
Date: Wed, 16 Dec 2009 02:53:37 +0000
Subject: [pfr3_group] Why Push Buttons for tuning?

Hey folks--still waiting for my rig to arrive but hope its hear by Christmas. I have run QRP for many years--mostly TT gear. Can't wait for this little gem arrive but can't help but wonder wh ypush buttons were chose for tuning...any obvious reasons other than it wont get bumped or accidetally shifted off freq? Everything else has a dial. Just curious...

73

scott VA3IED

_____
Hotmail: Powerful Free email with security by Microsoft.
http://clk.atdmt.com/GBL/go/171222986/direct/01/

1134. Re: Why Push Buttons for tuning?

Yahoo group: pfr3_group
Date: 2009-12-16 03:29:31 UTC
From: va3ied
Topic: 1132 Message: 1134

Hi Dale,

That sounds interesting...I don't imagine it would make any difference to the tuning increments but it might be a little more intuative...not that the buttons would not be after a while. i remember my old FT-707 external vfo had buttons that tuned like that--worked great.

Hope to get burning solder soon. May try and get out and do some portable qrp this winter when skiing. Also, is the lettering on the yellow box pre-installed or do we have to do all the lettering?

regards

scott

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Scott,
>
> I am working with a fellow that makes an encoder that is rotary.. we are working up a mod for the PFR3 that would provide a knob for freq control. The radio itself is controlled by a mico-P that accepts up and down controls from the switches.. and menu selection by the same manner.
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: scottsheppard@...
> Date: Wed, 16 Dec 2009 02:53:37 +0000
> Subject: [pfr3_group] Why Push Buttons for tuning?
>
>
>
>
>
> Hey folks--still waiting for my rig to arrive but hope its hear by Christmas. I have run QRP for many years--mostly TT gear. Can't wait for this little gem arrive but can't help but wonder wh ypush buttons were chose for tuning...any obvious reasons other than it wont get bumped or accidetally shifted off freq? Everything else has a dial. Just curious...
>
> 73

>
> scott VA3IED
>
>
>
>
>
> _____
> Hotmail: Powerful Free email with security by Microsoft.
> http://clk.atdmt.com/GBL/go/171222986/direct/01/
>

1135. RE: [pfr3_group] Re: Why Push Buttons for tuning?

Yahoo group: pfr3_group
Date: 2009-12-16 04:18:44 UTC
From: Dale Putnam
Topic: 1132 Message: 1135

Hi Scott,

The later kits have the water slide decals... and a close look at the on line manual is all that is needed to position them properly. However.. I've found that a couple coats of clear coat really improves the longevity.. there are two sets of decals.. so they can be replaced if needed.

Maybe solder smoke will be flowing quickly?

There is a Battery Status Indicator kit that is pretty nifty inside the PFR3 too... that can be added later no problem too.

I'm sure you will have a lot of fun with it... they have very good sensitive rx..and the tx is a nice one.

Have fun, and Merry Christmas,

--... ..---

Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: scottsheppard@...
Date: Wed, 16 Dec 2009 03:29:31 +0000
Subject: [pfr3_group] Re: Why Push Buttons for tuning?

Hi Dale,

That sounds interesting...I don't imagine it would make any difference to the tuning increments but it might be a little more intuative...not that the buttons would not be after a while. i remember my old FT-707 external vfo had buttons that tuned like that--worked great.

Hope to get burning solder soon. May try and get out and do some portable qrp this winter when skiing. Also, is the lettering on the yellow box pre-installed or do we have to do all the lettering?

regards

scott

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Scott,
>
> I am working with a fellow that makes an encoder that is rotary.. we are working up a mod for the PFR3 that would provide a knob for freq control. The radio itself is controlled by

a mico-P that accepts up and down controls from the switches.. and menu selection by the same manner.
>
> --... ...-- Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
> From: scottsheppard@...
> Date: Wed, 16 Dec 2009 02:53:37 +0000
> Subject: [pfr3_group] Why Push Buttons for tuning?
>
>
>
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>
> Hey folks--still waiting for my rig to arrive but hope its hear by Christmas. I have run QRP for many years--mostly TT gear. Can't wait for this little gem arrive but can't help but wonder wh ypush buttons were chose for tuning...any obvious reasons other than it wont get bumped or accidetally shifted off freq? Everything else has a dial. Just curious...
>
> 73
>
> scott VA3IED
>
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>
>
> _____
> Hotmail: Powerful Free email with security by Microsoft.
> http://clk.atdmt.com/GBL/go/171222986/direct/01/
>

_____
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt.com/GBL/go/177141665/direct/01/

1136. PRF-3A manual errrors

Yahoo group: pfr3_group
Date: 2009-12-17 16:51:43 UTC
From: Steven
Topic: 1136 Message: 1136

Corrections to the PFR-3A manual are slowly coming in and for the most part are minor things like typos and calling the processor U6 and the DDS chip U7, while in fact its the other way around.

However, there is one mistake which can cause a lot of confusion and that is the inital frequency coming out of the DDS chip. The manual says it is 2.114 MHz (for low side LO injection), while in fact this was changed to high side injection, so the frequency is now 11.945 MHz.

I am making the corrections to the manual and will be sending it to Doug to replace the one on the web site soon.

72, Steve KD1JV

1137. Re: Why Push Buttons for tuning?

Yahoo group: pfr3_group
Date: 2009-12-17 17:05:27 UTC
From: Steven
Topic: 1132 Message: 1137

There are several reasons for PB tuning.

First, it is much easier to use PB tuning when all the controls are on the top of the rig instead of the front. For the most part, all the controls on the top of the rig are "set and forget". You only need to twiddle them when changing bands, or occasionally change the volume.

Tuning is something you do all the time. If a tuning knob was mounted on the top of the box, it would be clumbersome to spin it, especially if it didn't have a big knob. Which there simply isn't room for.

Also with a top mounted tuning knob, you would have to have your arm rised to use it, which can be tireing. With the PB tuning you can rest your arm on the table and operate the switches with the tip of a fingure, which is a lot more comfertable.

The other reason is the way the switches are connected back to the processor using one I/O port and a resistor divider. Trying to interface an encoder with this method is a nightmare.

Finally, there just wasn't room for an encoder and a place to put a knob which wouldn't get in the way of operating the other swiches or obsucre the display.

1138. Re: PRF-3A manual errrors

Yahoo group: pfr3_group
Date: 2009-12-17 18:29:48 UTC
From: KO0D
Topic: 1136 Message: 1138

Minor items - Group 2 list doesn't include R1. Color coding for R6/R7 incorrect. Question....on the 3A schematic the voltage to U3 and U4 now says "D.C. In". I believe on the 3 it called for either 5 or 6 v. from the regulator. Will this make a difference on the pin voltages?

--- In pfr3_group@yahoogroups.com, "Steven" <kd1jv@...> wrote:
>
> Corrections to the PFR-3A manual are slowly coming in and for the most part are minor things like typos and calling the processor U6 and the DDS chip U7, while in fact its the other way around.
>
> However, there is one mistake which can cause a lot of confusion and that is the inital frequency coming out of the DDS chip. The manual says it is 2.114 MHz (for low side LO injection), while in fact this was changed to high side injection, so the frequency is now 11.945 MHz.
>
> I am making the corrections to the manual and will be sending it to Doug to replace the one on the web site soon.
>
> 72, Steve KD1JV
>

1139. [pfr3_group] PRF-3A manual errrors

Yahoo group: pfr3_group
Date: 2009-12-17 23:22:18 UTC
From: Steve Miller
Topic: 1136 Message: 1139

I am currently building a PFR-3A for a friend. I have the receiver
together but without R2 or C28. In doing a search of the
instruction manual, neither the computer nor I were able to find any
instruction to install these two parts. Is this an omission or have
these parts been removed? Both parts are on the schematic with the
same values found on the board. One doesn't have to question my
lack of knowledge... there isn't any to question!! hi I'm assuming
this is an omission but I just want to be certain. Thanks for any help. Steve

1140. RE: [pfr3_group] PRF-3A manual errrors

Yahoo group: pfr3_group
Date: 2009-12-18 00:47:54 UTC
From: Dick Hockemeyer
Topic: 1136 Message: 1140

Steve,

I'm not sending you this email to be critical or snyde. For what it's worth... I just want to pass some information on to you that I learned many, many years ago (Back in the 60's or 70's) from an episode of the TV series "The Odd Couple".
In this episode, Felix Unger points out to a court judge that when you ASSUME, you make an ASS of U and ME.
Since then I have always made it a point never to use the word ASSUME or any of it's variations. However, I do allow myself the luxury of using the word Presume from time to time.
73 es Seasons Greetings...
Dick NY4FL

BTW, thanks for the info in your email to the group. I'm still waiting for my PFM-3A to arrive, and for future reference I have been collecting the emails of everyone who has found problems.

-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]On Behalf Of Steve Miller
Sent: Thursday, December 17, 2009 6:22 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PRF-3A manual errrors

I am currently building a PFR-3A for a friend. I have the receiver together but without R2 or C28. In doing a search of the instruction manual, neither the computer nor I were able to find any instruction to install these two parts. Is this an omission or have these parts been removed? Both parts are on the schematic with the same values found on the board. One doesn't have to question my lack of knowledge... there isn't any to question!! hi I'm assuming this is an omission but I just want to be certain. Thanks for any help.
Steve

1141. RE: [pfr3_group] PRF-3A manual errrors

Yahoo group: pfr3_group
Date: 2009-12-18 01:14:19 UTC
From: Steve Miller
Topic: 1136 Message: 1141

Hello Dick,

FB on your language skills and good for Felix.

You'll also find that there are also parts that come with the kit which aren't listed in the parts inventory. It's nothing serious and things like these are easily omitted but do be sure to save the extra parts. I'm just finishing the receiver and have used some of those "extra" parts so please don't ASSume that they were included in error.

It's a great build and a very neat radio! I have the PFR-3 and it has a fine receiver in it. You may need to take a look at the schematic when building and preparing T1. Again, just little things that might be a small bump in the road. Steve

At 06:47 PM 12/17/2009, you wrote:

Steve,

I'm not sending you this email to be critical or snyde. For what it's worth... I just want to pass some information on to you that I learned many, many years ago (Back in the 60's or 70's) from an episode of the TV series ";The Odd Couple".
In this episode, Felix Unger points out to a court judge that when you ASSUME, you make an ASS of U and ME.
Since then I have always made it a point never to use the word ASSUME or any of it's variations. However, I do allow myself the luxury of using the word Presume from time to time.
73 es Seasons Greetings...
Dick NY4FL

BTW, thanks for the info in your email to the group. I'm still waiting for my PFM-3A to arrive, and for future reference I have been collecting the emails of everyone who has found problems.

-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]On Behalf Of Steve Miller
Sent: Thursday, December 17, 2009 6:22 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PRF-3A manual errrors

I am currently building a PFR-3A for a friend. I have the receiver
together but without R2 or C28. In doing a search of the
instruction manual, neither the computer nor I were able to find any
instruction to install these two parts. Is this an omission or have
these parts been removed? Both parts are on the schematic with the
same values found on the board. One doesn't have to question my
lack of knowledge... there isn't any to question!! hi I'm assuming
this is an omission but I just want to be certain. Thanks for any help. Steve

1142. Re: [pfr3_group] PRF-3A manual errrors

Yahoo group: pfr3_group
Date: 2009-12-18 02:29:53 UTC
From: Steven Weber
Topic: 1136 Message: 1142

I am currently building a PFR-3A for a friend. I have the receiver together but without R2 or C28.

Okay, looks like those two parts didn't find thier way onto the table. As a rule of thumb, if its shown on the layout diragram it goes there! That's one area I make sure is 100% correct, as thats the only thing I look at when I build a radio. Just give me a bag of parts and a diagram showing where they go and I'm good.

Well, with the help of all you nit-picking proof readers, we'll get this all fixed up. Too many blurry eyed, late nights working on the manual for me to find them all!

72, Steve

1143. RE: [pfr3_group] PRF-3A manual errrors

Yahoo group: pfr3_group
Date: 2009-12-18 02:37:18 UTC
From: Dick Hockemeyer
Topic: 1136 Message: 1143

Sounds good.
Thanks again
Dick
-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]On
Behalf Of Steve Miller
Sent: Thursday, December 17, 2009 8:14 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] PRF-3A manual errrors

Hello Dick,

FB on your language skills and good for Felix.

You'll also find that there are also parts that come with the kit
which aren't listed in the parts inventory. It's nothing serious and
things like these are easily omitted but do be sure to save the extra parts.
I'm just finishing the receiver and have used some of those "extra" parts so
please don't ASSume that they were included in error.

It's a great build and a very neat radio! I have the PFR-3 and it
has a fine receiver in it. You may need to take a look at the schematic
when building and preparing T1. Again, just little things that might be a
small bump in the road. Steve

At 06:47 PM 12/17/2009, you wrote:

Steve,

I'm not sending you this email to be critical or snyde. For what it's
worth... I just want to pass some information on to you that I learned many,
many years ago (Back in the 60's or 70's) from an episode of the TV series
"The Odd Couple".
In this episode, Felix Unger points out to a court judge that when you
ASSUME, you make an ASS of U and ME.
Since then I have always made it a point never to use the word ASSUME or
any of it's variations. However, I do allow myself the luxury of using the
word Presume from time to time.
73 es Seasons Greetings...
Dick NY4FL

BTW, thanks for the info in your email to the group. I'm still waiting
for my PFM-3A to arrive, and for future reference I have been collecting
the emails of everyone who has found problems.

-----Original Message-----

From: pfr3_group@yahoogroups.com [
mailto:pfr3_group@yahoogroups.com]On Behalf Of Steve Miller

Sent: Thursday, December 17, 2009 6:22 PM

To: pfr3_group@yahoogroups.com

Subject: [pfr3_group] PRF-3A manual errrors

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together but without R2 or C28. In doing a search of the

instruction manual, neither the computer nor I were able to find any

instruction to install these two parts. Is this an omission or have

these parts been removed? Both parts are on the schematic with the

same values found on the board. One doesn't have to question my

lack of knowledge... there isn't any to question!! hi I'm assuming

this is an omission but I just want to be certain. Thanks for any
help. Steve

1144. Re: [pfr3_group] PRF-3A manual errrors

Yahoo group: pfr3_group
Date: 2009-12-18 03:09:47 UTC
From: Steve Miller
Topic: 1136 Message: 1144

Steve,

I just fired up the receiver and wow! the first station I copied (on 40) was 5R8GZ!!! (and from Iowa). Somehow, I think it woiks!! Now on to the rest of the build!! 73 Steve Miller N0SM

1145. Re: pfr-3A caps

Yahoo group: pfr3_group
Date: 2009-12-18 14:37:21 UTC
From: brian_w5ye
Topic: 1126 Message: 1145

John:

Yes ... I just started my A, and found I was short the 100mf you mentioned. I see I have two 10mf's but hadn't gotten that far to know that one may be an extra. I will check RS here to see if they have one. I have found that most RS don't carry high value components - at least not in this part of the world (S. TX).

--- In pfr3_group@yahoogroups.com, "John" <jbmcmichael@...> wrote:
>
> Anyone else run into this on the "A" model? It appears that I have two extra 10uF electrolitics and one extra 22uf but I am short a 100uF.
>
> If a 100uF is required I might be able to get one locally at Radio Shack but New Orleans isn't overflowing with electronics parts houses. Might have to wait until I get back to Denver next week.
>

1146. replacement display

Yahoo group: pfr3_group
Date: 2009-12-18 14:38:45 UTC
From: brian_w5ye
Topic: 1146 Message: 1146

I got careless with my soldering iron and let it touch a corner of my display while soldering a cap close by. Any ideas where I can pick up another one?

1147. Re: [pfr3_group] replacement display

Yahoo group: pfr3_group
Date: 2009-12-18 14:59:18 UTC
From: Steve Miller
Topic: 1146 Message: 1147

Write Doug and tell him what happened. He can probably fix you up. Steve N0SM

At 08:38 AM 12/18/2009, you wrote:

I got careless with my soldering iron and let it touch a corner of my display while soldering a cap close by. Any ideas where I can pick up another one?

1148. My new "old yella" (PRC3a) arrived today!

Yahoo group: pfr3_group
Date: 2009-12-18 19:29:02 UTC
From: WA9WHD
Topic: 1148 Message: 1148

Doug and all - My new "old Yella" arrived today. Thanks. I kind of like the color! 72 John WA9WHD

1149. Re: [pfr3_group] My new "old yella" (PRC3a) arrived today!

Yahoo group: pfr3_group
Date: 2009-12-18 19:32:28 UTC
From: John Daly
Topic: 1148 Message: 1149

PRF-3A --- I mean! 72 John WA9WHD

--- On Fri, 12/18/09, WA9WHD <wa9whd@yahoo.com> wrote:

From: WA9WHD <wa9whd@...>
Subject: [pfr3_group] My new "old yella" (PRC3a) arrived today!
To: pfr3_group@yahoogroups.com
Date: Friday, December 18, 2009, 11:29 AM

Doug and all - My new "old Yella" arrived today. Thanks. I kind of like the color! 72 John WA9WHD

1150. PFR-3A Orders (Tracking?)

Yahoo group: pfr3_group
Date: 2009-12-18 19:35:49 UTC
From: va3ied
Topic: 1150 Message: 1150

For those of you who have recently rec'd a PFR-3A--did you have a tracking number or did it just arrive? I am not sure if mine has been shipped or not...

scott VA3IED

1151. New Member 200!! nice round figure for a bear...

Yahoo group: pfr3_group
Date: 2009-12-18 19:40:25 UTC
From: va3ied
Topic: 1151 Message: 1151

Hey gang

Just rec'd my new number...may try and get out on sunday afternoon depending how cold it gets and what the family has planned. If I go skiing it will be a polar bear contact and sota at the same time!...do we normally post potentials outing here? Either way I will try to get on the air--even if only from a nearby park--with my TT 1340 and dipole...

scott VA3IED

1152. Re: New Member 200!! nice round figure for a bear...

Yahoo group: pfr3_group
Date: 2009-12-18 19:46:31 UTC
From: va3ied
Topic: 1151 Message: 1152

Sorry for the mistaken location for this post!!

scott

--- In pfr3_group@yahoogroups.com, "va3ied" <scottsheppard@...> wrote:
>
> Hey gang
>
> Just rec'd my new number...may try and get out on sunday afternoon depending how cold it gets and what the family has planned. If I go skiing it will be a polar bear contact and sota at the same time!...do we normally post potentials outing here? Either way I will try to get on the air--even if only from a nearby park--with my TT 1340 and dipole...
>
> scott VA3IED
>

1153. RE: [pfr3_group] PFR-3A Orders (Tracking?)

Yahoo group: pfr3_group
Date: 2009-12-18 19:41:01 UTC
From: Doug Hendricks
Topic: 1150 Message: 1153

Scott your kit was shipped this week. Thanks, Doug

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of va3ied
Sent: Friday, December 18, 2009 11:36 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3A Orders (Tracking?)

For those of you who have recently rec'd a PFR-3A--did you have a tracking number or did it just arrive? I am not sure if mine has been shipped or not...

scott VA3IED

1154. Re: PFR-3A Orders (Tracking?)

Yahoo group: pfr3_group
Date: 2009-12-18 19:54:40 UTC
From: va3ied
Topic: 1150 Message: 1154

Thanks Doug! Fingers crossed it arrives by Christmas...by the way, rec'd the digital dial ok and it works great in the ole TT 1340--any tricks to stop display from changing during TX?

s

--- In pfr3_group@yahoogroups.com, "Doug Hendricks" <ki6ds@...> wrote:
>
> Scott your kit was shipped this week. Thanks, Doug
>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On
> Behalf Of va3ied
> Sent: Friday, December 18, 2009 11:36 AM
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] PFR-3A Orders (Tracking?)
>
>
>
>
>
> For those of you who have recently rec'd a PFR-3A--did you have a
> tracking number or did it just arrive? I am not sure if mine has been
> shipped or not...
>
> scott VA3IED
>

1155. RE: [pfr3_group] PFR-3A Orders (Tracking?)

Yahoo group: pfr3_group
Date: 2009-12-18 20:04:36 UTC
From: John Daly
Topic: 1150 Message: 1155

Mine - just arrived in the US Postal Service mail,today. 72 WA9WHD

--- On Fri, 12/18/09, Doug Hendricks <ki6ds@...> wrote:

From: Doug Hendricks <ki6ds@...>
Subject: RE: [pfr3_group] PFR-3A Orders (Tracking?)
To: pfr3_group@yahoogroups.com
Date: Friday, December 18, 2009, 11:41 AM

Scott your kit was shipped this week. Thanks, Doug

From: pfr3_group@yahoogro ups.com [mailto:pfr3_ group@yahoogroup s.com] On Behalf Of va3ied
Sent: Friday, December 18, 2009 11:36 AM
To: pfr3_group@yahoogro ups.com
Subject: [pfr3_group] PFR-3A Orders (Tracking?)

For those of you who have recently rec'd a PFR-3A--did you have a tracking number or did it just arrive? I am not sure if mine has been shipped or not...

scott VA3IED

1156. pfr3 pedestrain mobile video

Yahoo group: pfr3_group
Date: 2009-12-18 21:28:06 UTC
From: Jean-Pierre C
Topic: 1156 Message: 1156

Some audio video for you: http://www.youtube.com/watch?v=qpcWQq6OL1E

72

JP VA2SG

1157. Re: [pfr3_group] pfr3 pedestrain mobile video

Yahoo group: pfr3_group
Date: 2009-12-18 21:53:21 UTC
From: Irv [K3IRV] McWherter
Topic: 1156 Message: 1157

Very nice indeed! I would have liked to see some of the
mechanical/electrical connections to see how it was done.

Great job!

73, Irv - K3IRV

On Fri, Dec 18, 2009 at 4:28 PM, Jean-Pierre C <jpcouture68@...>wrote:

>
>
> Some audio video for you: http://www.youtube.com/watch?v=qpcWQq6OL1E
>
> 72
>
> JP VA2SG
>
>
>

1158. RE: [pfr3_group] PFR-3A Orders (Tracking?)

Yahoo group: pfr3_group
Date: 2009-12-19 00:53:07 UTC
From: Peter Risdahl
Topic: 1150 Message: 1158

Hey Doug - if you are monitoring, also want to know if my nice yellow Christmas present has been shipped.
I sent an email requesting via USPS only to avoid the outrageous courier brokerage into Canada.
Thanks
Pete VE6KK
PS anyone in the Calgary area + or - I have access to lab gear for testing and calibration.
Cheers
PPS thanks for all the interesting posts all.

From: pfr3_group@yahoogroups.com [pfr3_group@yahoogroups.com] On Behalf Of Doug Hendricks [ki6ds@...]
Sent: Friday, December 18, 2009 12:41 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] PFR-3A Orders (Tracking?)

Scott your kit was shipped this week. Thanks, Doug

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@...m] On Behalf Of va3ied
Sent: Friday, December 18, 2009 11:36 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3A Orders (Tracking?)

For those of you who have recently rec'd a PFR-3A--did you have a tracking number or did it just arrive? I am not sure if mine has been shipped or not...

scott VA3IED

1159. RE: [pfr3_group] pfr3 pedestrain mobile video

Yahoo group: pfr3_group
Date: 2009-12-19 02:50:33 UTC
From: Paul Feltz
Topic: 1156 Message: 1159

Always enjoyed JP.

72 WA0VDM

To: pfr3_group@yahoogroups.com
From: jpcouture68@...
Date: Fri, 18 Dec 2009 21:28:06 +0000
Subject: [pfr3_group] pfr3 pedestrain mobile video

Some audio video for you: http://www.youtube.com/watch?v=qpcWQq6OL1E

72

JP VA2SG

_____
Your E-mail and More On-the-Go. Get Windows Live Hotmail Free.
http://clk.atdmt.com/GBL/go/171222985/direct/01/

1160. Re: [pfr3_group] Re: PFR-3A Orders (Tracking?)

Yahoo group: pfr3_group
Date: 2009-12-19 05:15:42 UTC
From: Steven Weber
Topic: 1150 Message: 1160

Thanks Doug! Fingers crossed it arrives by Christmas...by the way, rec'd the digital dial ok and it works great in the ole TT 1340--any tricks to stop display from changing during TX?

Depends on whats making it change. If the VFO frequency shifts on transmit, then no. If its picking up the transmit signal and overloading the one coming from the VFO, then maybe, but it won't be easy. Try sheilded wire to the counter input first, if you not using it already.

KD1JV

1161. Will there be another manual revision?

Yahoo group: pfr3_group
Date: 2009-12-19 07:42:31 UTC
From: o2jmpr
Topic: 1161 Message: 1161

I'm wondering if there are any plans to put out another manual. I know the most recent one is only a few weeks old, but there are still several errors in it. Not to be harsh, but it seems a little more attention to detail and a little further explanation of some steps would sell a lot more radios.

As a new operator and minimalist, this is the "rig of my dreams". I've built a Rockmite kit and couple other tiny projects, but without a lot more hand-holding in the instructions, (especially when it comes to alignment), and no local elmers to help me out, I have zero confidence I can successfully build this and therefore refuse to buy it.
So, if anyone knows anything regarding the possibility of some more elaborate and clear instructions, I would sure appreciate a response! If all else fails, I would like to know what Dale (or others) are charging to build and test this kit for me.

Thanks everyone es 73!
Derek

1162. Re: pfr3 pedestrain mobile video

Yahoo group: pfr3_group
Date: 2009-12-19 12:17:54 UTC
From: Jean-Pierre C
Topic: 1156 Message: 1162

Setup was:
PFR3 on internal batteries
Clansman military key
Buddistick paintstick mounted
coax
2 radials for 20, 1 for 40
mp3 recorder

72 have fun!
JP VA2SG

--- In pfr3_group@yahoogroups.com, "Irv [K3IRV] McWherter" <irv47mc@...> wrote:
>
> Very nice indeed! I would have liked to see some of the
> mechanical/electrical connections to see how it was done.
>
> Great job!
>
> 73, Irv - K3IRV
>
> On Fri, Dec 18, 2009 at 4:28 PM, Jean-Pierre C <jpcouture68@...>wrote:
>
> > >
> > >
> > > Some audio video for you: http://www.youtube.com/watch?v=qpcWQq6OL1E
> > >
> > > 72
> > >
> > > JP VA2SG
> > >
> > >
> > >
> >
>

1163. Re: [pfr3_group] Re: pfr3 pedestrain mobile video

Yahoo group: pfr3_group
Date: 2009-12-19 13:19:17 UTC
From: Irv [K3IRV] McWherter
Topic: 1156 Message: 1163

Thanks JP !

73, Irv - K3IRV
Setup was:
PFR3 on internal batteries
Clansman military key
Buddistick paintstick mounted
coax
2 radials for 20, 1 for 40
mp3 recorder

72 have fun!
JP VA2SG

MARKETPLACE
>
> Going Green: Your Yahoo! Groups resource for green living<http://us.ard.yahoo.com/SIG=14krn7rdr/M=493064.13814333.13821539.13298430/D=groups/S=1705063108:MKP1/Y=YAHOO/EXP=1261232281/L=/B=su7FPkSO5.w-/J=1261225081909208/K=EQtBDex66Z15L.OnF1XcmA/A=5922843/R=0/SIG=11ckn2mo6/*http://advision.webevents.yahoo.com/green/>
> ------------------------------
>
> Parenting Zone: Your community resource for family and home<http://us.ard.yahoo.com/SIG=14kr28gph/M=493064.13814537.13821737.10835568/D=groups/S=1705063108:MKP1/Y=YAHOO/EXP=1261232281/L=/B=s.7FPkSO5.w-/J=1261225081909208/K=EQtBDex66Z15L.OnF1XcmA/A=5898841/R=0/SIG=11kkq36go/*http://advision.webevents.yahoo.com/parentingzone/>
> [image: Yahoo! Groups]<http://groups.yahoo.com/;_ylc=X3oDMTJlNXFpbGhvBF9TAzk3MzU5NzE0BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTI2MTIyNTA4MQ-->
> Switch to: Text-Only<pfr3_group-traditional@yahoogroups.com?subject=Change+Delivery+Format:+Traditional>,
> Daily Digest<pfr3_group-digest@yahoogroups.com?subject=Email+Delivery:+Digest>•
> Unsubscribe <pfr3_group-unsubscribe@yahoogroups.com?subject=Unsubscribe> •
> Terms of Use <http://docs.yahoo.com/info/terms/>
> .
>
>
>

1164. Re: [pfr3_group] Will there be another manual revision?

Yahoo group: pfr3_group
Date: 2009-12-19 15:39:30 UTC
From: Dieter Klaschka
Topic: 1161 Message: 1164

Howdy, Derek, Please don't hesitate to build one. I am convinced the group will help you.
The minor faults in the tutorial shouldn't be be too high barriers to stop you from building.
I have been among the very first builders of a 'Yella' one.
The best chance is to go along with some others who actually build the rig - so you will get up to date assistance, for sure.
Write your own 'construction diary' and don't be shy to publish - good results, efforts, bad luck, contribute to the picture gallery.
All your personal experience will help the next builder.

To all in the group:
Have a Merry Christmas and a Happy New Year.
72 Dieter, DL2BQD

o2jmpr schrieb:
>
> I'm wondering if there are any plans to put out another manual. I know
> the most recent one is only a few weeks old, but there are still
> several errors in it. Not to be harsh, but it seems a little more
> attention to detail and a little further explanation of some steps
> would sell a lot more radios.
>
> As a new operator and minimalist, this is the "rig of my dreams". I've
> built a Rockmite kit and couple other tiny projects, but without a lot
> more hand-holding in the instructions, (especially when it comes to
> alignment), and no local elmers to help me out, I have zero confidence
> I can successfully build this and therefore refuse to buy it.
> So, if anyone knows anything regarding the possibility of some more
> elaborate and clear instructions, I would sure appreciate a response!
> If all else fails, I would like to know what Dale (or others) are
> charging to build and test this kit for me.
>
> Thanks everyone es 73!
> Derek
>
>

1165. RE: [pfr3_group] Will there be another manual revision?

Yahoo group: pfr3_group
Date: 2009-12-19 16:19:25 UTC
From: Dale Putnam
Topic: 1161 Message: 1165

There is another option available, for those that have a problem with the current manual, lack of tools, equipment, maybe have a situation that doesn't allow building.. eyesight... or a vet that wants one...

Ok.. get the idea? Here's the way it works...

Order from Doug, ship it to me, we'll discuss the options, you make the decisions, I'll do the build, and you get to pay for the shipping back to you.

Done deal. Happy Hams Helping Hams.....

Now, I do align it, write the specs up, and normally ship out a ready to use outta the box radio, that is quite a package... occasionally I will ship out a completed board, with the decals to be put on the box... or custom build parts of it... or add the options like the really nifty BSI that Doug has... I'm in the process of working a charger up for the internal batteries, and an encoder for the rotary input of freq selection along with the buttons.

So.. maybe the manual needs some attention... and that's fine. However, let's not let that stop someone from getting on the air.

Merry Christmas,

--... ..--- Dale - WC7S in Wy
http://www.qrpfoxhunt.org

_____
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt.com/GBL/go/177141665/direct/01/

1166. Re: Will there be another manual revision?

Yahoo group: pfr3_group
Date: 2009-12-19 18:18:29 UTC
From: o2jmpr
Topic: 1161 Message: 1166

Great. Thanks for the response gentlemen. I'll give it a little time to see what happens with the updates. I really want to build it myself, but it's not worth the risk if I can't get past a few stumbling blocks. I would really appreciate your services though Dale if I decide not to go it alone.

Thanks again!

1167. RE: [pfr3_group] Re: Will there be another manual revision?

Yahoo group: pfr3_group
Date: 2009-12-19 18:47:48 UTC
From: Dale Putnam
Topic: 1161 Message: 1167

How about this? If you want to try it.. and get to a point that doesn't seem to be able to be worked out of... then send it to me... I'll correct it.. discuss it with you, we both learn.

However you want to do it... k?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: o2jnpr@...
Date: Sat, 19 Dec 2009 18:18:29 +0000
Subject: [pfr3_group] Re: Will there be another manual revision?

Great. Thanks for the response gentlemen. I'll give it a little time to see what happens with the updates. I really want to build it myself, but it's not worth the risk if I can't get past a few stumbling blocks. I would really appreciate your services though Dale if I decide not to go it alone.

Thanks again!

_____
Hotmail: Powerful Free email with security by Microsoft.
http://clk.atdmt.com/GBL/go/171222986/direct/01/

1168. Re: [pfr3_group] Will there be another manual revision?

Yahoo group: pfr3_group
Date: 2009-12-19 21:40:42 UTC
From: Steven Weber
Topic: 1161 Message: 1168

>I'm wondering if there are any plans to put out another manual. I know the
>most >recent one is only a few weeks old, but there are still several
>errors in it. Not to be >harsh, but it seems a little more attention to
>detail and a little further explanation of >some steps would sell a lot
>more radios.

Corrections to the manual will be forth coming. Rember, this is a hobby, not a full time job, so we do what we can, when we can do it.

Well over a 100 hours has already gone into writing that manual. Anymore attention to detail and it would never get done. One has to make the assumsion that the builder has at least some basic skills and is intelligent enough to figure out any minor mistakes which might creep into the instructions.

As for calibration, the only critical thing is adjusting the BFO freq to match the sidetone and that can be done close enough by ear. The other calibration steps can be skipped over and are only included since they are easy enough to add to the firmware and if you have the equipment to make those adjustments it does slightly improve the performance of the rig. But the default values are close enough that you might not notice any difference between doing that and not.

72, Steve KD1JV

1169. Re: Will there be another manual revision?

Yahoo group: pfr3_group
Date: 2009-12-19 22:39:13 UTC
From: Jim
Topic: 1161 Message: 1169

Steve,

I would like to thank you for all you do in the way of service to the ham radio community. The PFR-3 that you have created is amazing.

My full-time job as an architect requires that I develop "manuals". We call them construction documents. They are never perfect. We aim for that but end up with what we end up with, and are adaptable and flexible in achieving the final outcome.

Please accept my gratitude and appreciation for all your efforts.

Best Wishes and Happy Holidays to You and Yours,

Jim Lacy
KI6ISQ

1170. RE: [pfr3_group] Will there be another manual revision?

Yahoo group: pfr3_group
Date: 2009-12-19 23:31:06 UTC
From: Dale Putnam
Topic: 1161 Message: 1170

I am very pleased with the manual, Steve, it assumes that there is a bit of knowledge here, and doesn't insult my lack of technique, or anything else.

It is a very pleasing radio to build, as is the AT3 series. And both are exceptional in performance.

Thank you many times for all the effort you have obviously put into these, for the hobby. a Happy Ham Helping Hams, absolutely!

Thank you and Merry Christmas,

--... ..---

Dale - WC7S in Wy

_____
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt.com/GBL/go/177141665/direct/01/

1171. Re: Will there be another manual revision?

Yahoo group: pfr3_group
Date: 2009-12-20 00:21:17 UTC
From: o2jmpr
Topic: 1161 Message: 1171

I absolutely meant nothing negative in regards to the manual. I hope it wasn't taken that way. I just meant for new folks like me, with little building experience, it seems more difficult than probably need be. That may (or may not) be limiting some radio sales as I assume your demographic is hardcore CW QRP kit builders (who of course already know what they're doing) and new folks like myself who are drawn to this type of rig as a beat all, end all solution to our operating needs all in one box!
I also TRULY appreciate all that Steve and you others do for this hobby! I'd never get anywhere were it not for such helpful folks like you to turn to and chat with on the forums.

With that said, I think we can close this thread out unless someone wishes to continue. I've decided to happily and patiently wait for the new manual revision and I will surely purchase the radio at once and get started. Dale, if need be, I will contact you. Your offer of help is just amazing!

Thanks everyone for helping out so much.

73 all.
Derek

1172. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2009-12-20 01:10:21 UTC
From: pfr3_group@yahoogroups.com
Topic: 121 Message: 1172

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /PFR-3A manual.pdf
Uploaded by : kd1jv <kd1jv@...>
Description : Latest, revised PFR-3A manual, 12/19/09

You can access this file at the URL:
http://groups.yahoo.com/group/pfr3_group/files/PFR-3A%20manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

kd1jv <kd1jv@...>

1173. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2009-12-20 22:49:10 UTC
From: pfr3_group@yahoogroups.com
Topic: 121 Message: 1173

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /PFR3A.odt
Uploaded by : kd1jv <kd1jv@...>
Description : OpenOffice version, one you can edit and add notes to

You can access this file at the URL:
http://groups.yahoo.com/group/pfr3_group/files/PFR3A.odt

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

kd1jv <kd1jv@...>

1174. PFR-3A manuals

Yahoo group: pfr3_group
Date: 2009-12-20 22:54:45 UTC
From: Steven
Topic: 1174 Message: 1174

A couple more errors were pointed out to me in the file I just up loaded yesterday, so I fixed them and replace that file. I also up loaded the source document written with OpenOffice 2.0, which you can edit and add notes too. That might be handy and interesting to see what additions anyone might make to it.

72, Steve KD1JV

1175. Group 1 smoke test

Yahoo group: pfr3_group
Date: 2009-12-20 23:30:28 UTC
From: o2jmpr
Topic: 1175 Message: 1175

When checking the DDS, I assume the test point is really supposed to be R39/C41 at U6 and not C39/R41. Is that the pin right where R and C meet in the upper right corner of U6? I'm confused about how to count pins on U6/DDS.

1176. Re: Group 1 smoke test

Yahoo group: pfr3_group
Date: 2009-12-21 17:52:24 UTC
From: o2jmpr
Topic: 1175 Message: 1176

Wow, Talk about service! Before I could blink, the manual was updated and specifically answered my question. Feeling much better about being able to do this now.

With that said, if I may prove my ignorance with one last little question in regards to the Group 2 test. It says to connect the BNC across R1 to set up a temp antenna with Q1 being the signal side. Is that line just for reference, or do you need to wire the leads from the BNC across R1 in a specific way. I'm thinking it means to connect the center of the BNC to the Q1 side and the ground tab of the BNC to the opposite side.
Please tell me if I got that correct and thank you again for all your patience with me as I learn!

73,
Derek

1177. Re: Group 1 smoke test

Yahoo group: pfr3_group
Date: 2009-12-21 18:00:41 UTC
From: o2jmpr
Topic: 1175 Message: 1177

Oops. Guess I mean to say "72" instead of "73" in the last post. I'm getting there guys! :)

1178. PFR3A arrived Canada

Yahoo group: pfr3_group
Date: 2009-12-22 15:38:59 UTC
From: cawlx
Topic: 1178 Message: 1178

PFR3A which was mailed on Dec 07 got through Canada customs and was delivered today Dec 22. Will have to wait tell after Christmas to start the work on it, but once the Christmas chores are done it is next on the list.
72's
Carl
VE3APY

1179. Re: PFR3A arrived Canada

Yahoo group: pfr3_group
Date: 2009-12-22 23:57:15 UTC
From: o2jmpr
Topic: 1178 Message: 1179

Congrats! I ordered mine today. Let us know how it goes along the way.

Derek

1180. Keyer paddle attachment

Yahoo group: pfr3_group
Date: 2009-12-23 00:27:07 UTC
From: va3ied
Topic: 1180 Message: 1180

Rec'd my yellow wonder today too...looks like it will be solder smoke and turkey this Christmas...on the issue of the keyer paddles, which I ordered as well, I do not seem to have the black plastic capped screws/bolts that attach the keyer paddles to the rig--are they is the bigger mish mash of parts for the rig? I would think not...Doug, any thoughts? Are they supposed to be with the paddles bag?

Best wishes for a Peaceful Christmas to all

Scott VA3IED

1181. re:new round of PFR rigs being built!

Yahoo group: pfr3_group
Date: 2009-12-23 04:05:35 UTC
From: Johnny Matlock
Topic: 1181 Message: 1181

Ge all on the list:
Merry Christmas and Happy New Year, from S.E. Ks.
I built a little Yellow "Pig" on the first round. It's a very nice
functional little qrp rig. Yes there have been some mods to make it
work
like a factory built rig, but they were all worth the effort! I hope
you all enjoy yours as much as I enjoy mine.
Just my thoughts.
72, 73 for now
de Johnny AC0BQ Lebo, Ks.
..

1182. RE: [pfr3_group] PFR3A arrived Canada

Yahoo group: pfr3_group
Date: 2009-12-24 02:06:40 UTC
From: Peter Risdahl
Topic: 1178 Message: 1182

I got mine today in Calgary (Dec.23) as well Carl. Got GSTed also.
It is under the tree as Santa has to buy his own best gifts at this age, hi.
Don't have to go back to work berfore New Years so....
Maybe we will do a VE3 to VE6 QSO by PFR x 2 sometime.

Pete VE6KK

From: pfr3_group@yahoogroups.com [pfr3_group@yahoogroups.com] On Behalf Of cawlx [cwall@...]
Sent: Tuesday, December 22, 2009 8:38 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3A arrived Canada

PFR3A which was mailed on Dec 07 got through Canada customs and was delivered today Dec 22. Will have to wait tell after Christmas to start the work on it, but once the Christmas chores are done it is next on the list.
72's
Carl
VE3APY

1183. Code practice with the PFR-3A

Yahoo group: pfr3_group
Date: 2009-12-24 17:46:16 UTC
From: psmudgett@verizon.net
Topic: 1183 Message: 1183

Just got the kit. I would like to be able to learn and practice the iambic technique with squeeze paddles off-air with the PFR-3A. Is there an easy recommended way to disable the xmtr to do this?

KB1PBA

1184. Re: Code practice with the PFR-3A

Yahoo group: pfr3_group
Date: 2009-12-25 02:50:48 UTC
From: va3ied
Topic: 1183 Message: 1184

I would just transmit into a dummy load--a lot easier and no disabling required.

scott va3ied

--- In pfr3_group@yahoogroups.com, "psmudgett@..." <psmudgett@...> wrote:
>
> Just got the kit. I would like to be able to learn and practice the iambic technique with squeeze paddles off-air with the PFR-3A. Is there an easy recommended way to disable the xmtr to do this?
>
> KB1PBA
>

1185. Pfr-3a completed

Yahoo group: pfr3_group
Date: 2009-12-28 04:40:10 UTC
From: va3ied
Topic: 1185 Message: 1185

Well, Santa was nice to me and the rig arrived in time. Put the finishing touches on it today and it looks and works great. I have been in this hobbey for over 25 yrs and can say hands down this is the most fun I have had with a radio in a long time. Great build, great design and super performance. Hats off to Steve and Doug--thank you both for colaborating on such a great project.

scott VA3IED

1186. Re: Pfr-3a completed

Yahoo group: pfr3_group
Date: 2009-12-29 00:57:28 UTC
From: wb9dlc
Topic: 1185 Message: 1186

Congrats Scott - it was nice to work you on 20m - my first PFR3 to PFR3 QSO. I hope that mine sounds as good as yours. Between your hex-beam and my quad it was an easy QRP QSO.

73

Mike - WB9DLC

--- In pfr3_group@yahoogroups.com, "va3ied" <scottsheppard@...> wrote:
>
> Well, Santa was nice to me and the rig arrived in time. Put the finishing touches on it today and it looks and works great. I have been in this hobbey for over 25 yrs and can say hands down this is the most fun I have had with a radio in a long time. Great build, great design and super performance. Hats off to Steve and Doug--thank you both for colaborating on such a great project.
>
> scott VA3IED
>

1187. Hendricks QRP Kits

Yahoo group: pfr3_group
Date: 2009-12-29 23:33:23 UTC
From: querencias
Topic: 1187 Message: 1187

just wanted to let you guys know that Doug is a 1st rate kit producer and provides outstanding customer service.

I ordered an Injector/tracer kit which never showed up. He sent a 2nd kit, which never was delivered. Finally, he sent a 3rd kit express mail which arrived the next day and didn't even ask for the postage!

Doug is exemplary of the kind of service we used to get in this country but rarely see these days.

Kudos for Doug and HendricksQrpKits !!

72/73 de Grant/KT6L

1188. Li Pol battery

Yahoo group: pfr3_group
Date: 2010-01-02 14:45:09 UTC
From: Jiri
Topic: 1188 Message: 1188

Hello,
I would like to test Li pol battery. Basic voltage of the cell is 3.7V and 3cells pack has 11.1 V. Is possible to change basic voltage of the PFR-3 from 12 V to 11 V. I would like to set RF power to 5 W when voltage is 11 V.
Jirka OK1DDQ

1189. RE: [pfr3_group] Li Pol battery

Yahoo group: pfr3_group
Date: 2010-01-02 15:16:55 UTC
From: Dale Putnam
Topic: 1188 Message: 1189

Hello Jirka,

Yes, you may use the Li Pol battery, with 11v instead of the 12 with no problems, using a one volt less battery, will drop the tx power slightly. Other considerations would be a concern of charging, or a care during charging. It may be possible to optimize the output to 5 watts, with very careful adjustments of each of the toroids per band. I've adjusted them during optimization for 12v, with a focus on current, so getting to 5 watts out with 11 would be likely. Would like to hear about your results,

Good Luck,

and Happy New Year,

--... ..---

Dale - WC7S in Wy

Hello,
I would like to test Li pol battery. Basic voltage of the cell is 3.7V and 3cells pack has 11.1 V. Is possible to change basic voltage of the PFR-3 from 12 V to 11 V. I would like to set RF power to 5 W when voltage is 11 V.
Jirka OK1DDQ

_____
Hotmail: Trusted email with Microsoft’s powerful SPAM protection.
http://clk.atdmt.com/GBL/go/177141664/direct/01/

1190. Re: Li Pol battery

Yahoo group: pfr3_group
Date: 2010-01-02 16:18:55 UTC
From: va3ied
Topic: 1188 Message: 1190

Hi

chances are if you 'optimized' pwr output for 12 you will not be able to realize too much more out of the toroids at this stage. That said, the rig will work great at 11 volts and I doubt you would notice much difference in performance from the 5 watts down to say 4.5 watts.

More important, however, is your Li cells will stay closer to 11 volts much longer than those running other types of cells who will pass by the 11 volt mark soon on their way down--but still keep working. Steve designed the rig for just this sort of flexibility in pwr supply options...I amazed myself over the holidays when I was building the rig and only had a 9v battery plugged in...I heard a G3 call cq so for fun I called him...to my amazement, her called back! too much fun...

73 all

scott VA3IED

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hello Jirka,
>
> Yes, you may use the Li Pol battery, with 11v instead of the 12 with no problems, using a one volt less battery, will drop the tx power slightly. Other considerations would be a concern of charging, or a care during charging. It may be possible to optimize the output to 5 watts, with very careful adjustments of each of the toroids per band. I've adjusted them during optimization for 12v, with a focus on current, so getting to 5 watts out with 11 would be likely. Would like to hear about your results,
>
> Good Luck,
>
> and Happy New Year,
>
> --... ..---
>
> Dale - WC7S in Wy
>
>
>
>
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>
>
> Hello,
> I would like to test Li pol battery. Basic voltage of the cell is 3.7V and 3cells pack

has 11.1 V. Is possible to change basic voltage of the PFR-3 from 12 V to 11 V. I would like to set RF power to 5 W when voltage is 11 V.
> Jirka OK1DDQ
>
>
>
>
>
> _____
> Hotmail: Trusted email with Microsoft's powerful SPAM protection.
> http://clk.atdmt.com/GBL/go/177141664/direct/01/
>

1191. Toroid winding information

Yahoo group: pfr3_group
Date: 2010-01-03 21:27:29 UTC
From: wb5qyt
Topic: 1191 Message: 1191

Gang,

I found a site that really took some of the pain out of winding little toroids and I thought it would be helpful to share.

see this site: http://www.zerobeat.net/qrp/toroidwind.html

Many thanks to W2SH for the tip

72, Tom WB5QYT

1192. PFR-3A R48

Yahoo group: pfr3_group
Date: 2010-01-06 03:16:48 UTC
From: ny4fl
Topic: 1192 Message: 1192

Hi Guys,

I just ran into a problem and I don't want to jump to any conclusions, so I thought I'd check with you before I went ahead.

When I got to the group 5 instructions I found that I did not have a 470 ohm resistor in the parts bin. All I had left was a 1K and the 3 large 2 watt resistors.

The instructions and schematic both call for a 470 ohm resistor for R48 and R3, but the parts list only calls for 1 470 ohm resistor which I have already used for R3.

I was able to find a 470 ohm in my junk box, but I want to make sure I am not misreading something before I install it as R48.

I suspect some kind of typo or parts error, but I don't see any earlier email regarding this problem from anyone else.

Any info will be greatly appreciated.

Thanks,
Dick, NY4FL

1193. RE: [pfr3_group] Will there be another manual revision?

Yahoo group: pfr3_group
Date: 2010-01-06 12:39:23 UTC
From: Dale Putnam
Topic: 1161 Message: 1193

I am very pleased with the manual, Steve, it assumes that there is a bit of knowledge here, and doesn't insult my lack of technique, or anything else.
It is a very pleasing radio to build, as is the AT3 series. And both are exceptional in performance.
Thank you many times for all the effort you have obviously put into these, for the hobby. a Happy Ham Helping Hams, absolutely!
Thank you and Merry Christmas,

--... ..---
Dale - WC7S in Wy

_____
Hotmail: Trusted email with Microsoft’s powerful SPAM protection.
http://clk.atdmt.com/GBL/go/196390706/direct/01/

1194. Re: [pfr3_group] PFR-3A R48

Yahoo group: pfr3_group
Date: 2010-01-06 16:21:40 UTC
From: Steven Weber
Topic: 1192 Message: 1194

I was waffling back and forth between keeping R48 470 ohms or changing it to 1K, as some complained the LED was too bright. In the end I decided to keep it 470 ohms, but apprently had already changed the parts list and forgot to change it back. It won't make a whole heck of a lot of difference if you use the 1K or 470 ohm here.

Steve KD1JV

When I got to the group 5 instructions I found that I did not have a 470 ohm resistor in the parts bin. All I had left was a 1K and the 3 large 2 watt resistors.

The instructions and schematic both call for a 470 ohm resistor for R48 and R3, but the parts list only calls for 1 470 ohm resistor which I have already used for R3.

I was able to find a 470 ohm in my junk box, but I want to make sure I am not misreading something before I install it as R48.

1195. RE: [pfr3_group] PFR-3A R48

Yahoo group: pfr3_group
Date: 2010-01-06 17:10:45 UTC
From: Paul Feltz
Topic: 1192 Message: 1195

Steve:

I would vote to leave this at 1 K from my experience at using this circuit. My new BLT+ came with a 470 and the drawing calls out 1K. I will be changing it to a 1K when I get a chance.

Paul

WA0VDM

To: pfr3_group@yahoogroups.com
From: kd1jv@...
Date: Wed, 6 Jan 2010 11:21:40 -0500
Subject: Re: [pfr3_group] PFR-3A R48

I was waffling back and forth between keeping R48 470 ohms or changing it to 1K, as some complained the LED was too bright. In the end I decided to keep it 470 ohms, but apprently had already changed the parts list and forgot to change it back. It won't make a whole heck of a lot of difference if you use the 1K or 470 ohm here.

Steve KD1JV

When I got to the group 5 instructions I found that I did not have a 470 ohm resistor in the parts bin. All I had left was a 1K and the 3 large 2 watt resistors.

The instructions and schematic both call for a 470 ohm resistor for R48 and R3, but the parts list only calls for 1 470 ohm resistor which I have already used for R3.

I was able to find a 470 ohm in my junk box, but I want to make sure I am not misreading something before I install it as R48.

_____
Hotmail: Trusted email with Microsoft’s powerful SPAM protection.
http://clk.atdmt.com/GBL/go/196390706/direct/01/

1196. RE: [pfr3_group] PFR-3A R48

Yahoo group: pfr3_group
Date: 2010-01-07 00:37:16 UTC
From: Dick Hockemeyer
Topic: 1192 Message: 1196

Thanks guys for the info.
I'm glad I wasn't missing the forest through the trees.
My intent is to use the rig mainly outdoors in the bright Florida sun, so I will elect to have the brighter LED and use the 470 ohm resistor.
Thanks again for the replys,
73 es CUL
Dick, NY4fl
-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]On Behalf Of Paul Feltz
Sent: Wednesday, January 06, 2010 12:11 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] PFR-3A R48

Steve:
I would vote to leave this at 1 K from my experience at using this circuit. My new BLT+ came with a 470 and the drawing calls out 1K. I will be changing it to a 1K when I get a chance.

Paul
WA0VDM

To: pfr3_group@yahoogroups.com
From: kd1jv@...
Date: Wed, 6 Jan 2010 11:21:40 -0500
Subject: Re: [pfr3_group] PFR-3A R48

I was waffling back and forth between keeping R48 470 ohms or changing it to 1K, as some complained the LED was too bright. In the end I decided to keep it 470 ohms, but apprently had already changed the parts list and forgot to change it back. It won't make a whole heck of a lot of difference if you use the 1K or 470 ohm here.

Steve KD1JV

When I got to the group 5 instructions I found that I did not have a 470 ohm resistor in the parts bin. All I had left was a 1K and the 3 large 2 watt resistors.

The instructions and schematic both call for a 470 ohm resistor for R48 and R3, but the parts list only calls for 1 470 ohm resistor which I have already used for R3.

I was able to find a 470 ohm in my junk box, but I want to make sure I am not misreading something before I install it as R48.

--
Hotmail: Trusted email with Microsoft?s powerful SPAM protection. Sign up
now.

1197. Antenna Connector Spacing

Yahoo group: pfr3_group
Date: 2010-01-07 05:07:54 UTC
From: jim.ford15
Topic: 1197 Message: 1197

If there is ever a need to change the box design I vote for making the spacing on the banana connector at .75 inches which is standard for all dual banana to bnc adapters, etc. One could then easily add additional antenna components and do testing easier with that standard spacing.

Thank you,

Jim Ford N6JF

1198. Order Shipment

Yahoo group: pfr3_group
Date: 2010-01-07 22:12:19 UTC
From: o2jmpr
Topic: 1198 Message: 1198

Hi all!

Would someone who has recently ordered a kit please advise me how long it took be shipped/arrive?

Thanks!
Derek

1199. RE: [pfr3_group] Order Shipment

Yahoo group: pfr3_group
Date: 2010-01-08 01:47:27 UTC
From: Dick Hockemeyer
Topic: 1198 Message: 1199

I ordered mine on 12/2 or 12/3. It was shipped Priority Mail the 16th (postmark) and I received it the 23rd. I guess it could have been worse from CA to FL at Christmas.
Dick, NY4FL
-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]On Behalf Of o2jmpr
Sent: Thursday, January 07, 2010 5:12 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Order Shipment

Hi all!

Would someone who has recently ordered a kit please advise me how long it took be shipped/arrive?

Thanks!
Derek

1200. Re: [pfr3_group] Order Shipment

Yahoo group: pfr3_group
Date: 2010-01-08 07:24:35 UTC
From: Svetlin Nikolov
Topic: 1198 Message: 1200

Hi,

For Bulgaria is about 10-20 days after order. Comes as an airmail letter.

I am just a few orders and have never had such a case, the undelivered.

инж. Св. Николов - LZ2LZS

-------- Оригинално писмо --------
От: "o2jmpr"
Относно: [pfr3_group] Order Shipment
До: pfr3_group@yahoogroups.com
Изпратено на: Петък, 2010, Януари 8 00:12:19 EET

Hi all!

Would someone who has recently ordered a kit please advise me how long it took be shipped/arrive?

Thanks!
Derek

1201. display question

Yahoo group: pfr3_group
Date: 2010-01-08 13:36:57 UTC
From: brian_w5ye
Topic: 1201 Message: 1201

I had to replace the original display with a new one, and in doing so, one of the solder pads came loose. The associated pin is the extreme upper right, as you look at the display (or upper left from the bottom side). I cannot see where this pin connects to any other component (no trace lines). When I apply voltage, the display shows "60.00", momentarily, then a "A" on the far left. I have re-checked the other solder connections on the display, and all appear good. I am not sure if the missing solder pad is the problem, or something else. What should I check? Any help is greatly appreciated.

Brian - W5YE

1202. RE: [pfr3_group] Order Shipment

Yahoo group: pfr3_group
Date: 2010-01-08 19:37:16 UTC
From: Peter Risdahl
Topic: 1198 Message: 1202

My dates are almost the same as Dick's. I ordered 11/28, shipping was postmarked 12/16 and it hit Canada customs on the 20th. It was in my hands on the 23rd. By the way, I had a small TV shipped major courier from the US and it was 15 days getting here. Bad wx perhaps.
Peter VE6KK

From: pfr3_group@yahoogroups.com [pfr3_group@yahoogroups.com] On Behalf Of Dick Hockemeyer [ny4fl@...]
Sent: Thursday, January 07, 2010 6:47 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Order Shipment

I ordered mine on 12/2 or 12/3. It was shipped Priority Mail the 16th (postmark) and I received it the 23rd. I guess it could have been worse from CA to FL at Christmas.
Dick, NY4FL
-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]On Behalf Of o2jmpr
Sent: Thursday, January 07, 2010 5:12 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Order Shipment

Hi all!

Would someone who has recently ordered a kit please advise me how long it took be shipped/arrive?

Thanks!
Derek

1203. Re: Order Shipment

Yahoo group: pfr3_group
Date: 2010-01-08 20:23:08 UTC
From: o2jmpr
Topic: 1198 Message: 1203

Thanks for the info guys! This thread can be closed.
It's been about two and a half weeks. I'm just getting excited. :)

Tu,
Derek KI0K

1204. CW tone gets lower as frequency increases

Yahoo group: pfr3_group
Date: 2010-01-08 23:13:01 UTC
From: Sheldon
Topic: 1204 Message: 1204

I have successfully completed smoke tests for the first three groups. I noticed, however, during the receiver test the cw tone became lower as I increased the frequency. This is unusual. So, I checked another rig to be sure and the tone increased as the frequency increased as would be expected (99% of the time). Anyone have clues?

1205. Re: [pfr3_group] CW tone gets lower as frequency increases

Yahoo group: pfr3_group
Date: 2010-01-09 03:32:02 UTC
From: Steven Weber
Topic: 1204 Message: 1205

however, during the receiver test the cw tone became lower as I increased the frequency. This is unusual. So, I checked another rig to be sure and the tone increased as the frequency increased as would be expected (99% of the time). Anyone have clues?

Yes, high side LO injection is used on 40M so the signal changes tone in the opposite direction from rigs which more commonly use low side LO injection.

KD1JV

1206. PFR-3A External Power Plug

Yahoo group: pfr3_group
Date: 2010-01-09 06:03:12 UTC
From: ny4fl
Topic: 1206 Message: 1206

Hi,
Does anyone know which power plug is needed for the external power supply jack?
The parts list calls for a 2.5mm pin, but at Radio Shack that can be either an "L" or "N" connector.
Any info will be appreciated.
Thanks,
Dick, NY4FL

1207. my display problem

Yahoo group: pfr3_group
Date: 2010-01-09 14:00:45 UTC
From: brian_w5ye
Topic: 1207 Message: 1207

ooops ! I mis-stated the pin position in my previous post. It is pin #8 of the display, which is the lower right as you look at the top of the board (or lower left from the bottom). Since this pin connects to U7 at pin 13, I am wondering how is the best way to fix the "missing" solder pad?

1208. RE: [pfr3_group] CW tone gets lower as frequency increases

Yahoo group: pfr3_group
Date: 2010-01-09 14:12:24 UTC
From: K2MEN
Topic: 1204 Message: 1208
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks, Steve and Mike. That makes sense. I just wanted to confirm that I had not failed to perform a test properly. 72

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steven Weber
Sent: Friday, January 08, 2010 10:32 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] CW tone gets lower as frequency increases

however, during the receiver test the cw tone became lower as I increased the frequency. This is unusual. So, I checked another rig to be sure and the tone increased as the frequency increased as would be expected (99% of the time). Anyone have clues?

Yes, high side LO injection is used on 40M so the signal changes tone in the opposite direction from rigs which more commonly use low side LO injection.

KD1JV

1209. PFR BLT Tuner observation

Yahoo group: pfr3_group
Date: 2010-01-10 21:50:33 UTC
From: orangelite
Topic: 1209 Message: 1209

Hi! - I see that there is a flurry of new activity here with the arrival of the "3a" - I thought I would jump in and restate something I reported last year:

When I first used the built-in BLT, I was disappointed that I could not get the tune light to darken on certain bands (especially 40) with my full sized G5RV. After using the rig a bit, I realized that even a SLIGHT dimming of the "SWR" indicator indicates that the antenna is in the ballpark. Yesterday I got on 40 with the PFR and worked all over the US in the NA QSO party. My LOAD & TUNE controls were fully counter clockwise (LOW Z was best for my ant) and my SWR was 1.7:1 - I could BARELY notice the dimming of the SWR light. My "word to the wise" is that the BLT works better than you think it does at first glance.

72 de k7hv

1210. Re: my display problem

Yahoo group: pfr3_group
Date: 2010-01-11 20:22:59 UTC
From: k6jf_radio
Topic: 1207 Message: 1210

Brian,

Is the pad you lost on the bottom of the board or right under the LED display device? I don't have a PFR-3 so I cannot directly see the layout. I am guessing the you burned off the pad on the bottom of the PCB. Is this the pad that is not connected to any other traces?

If so the connection of display pin 8 to U7 pin 13 is made through a trace on top of the board. If the bottom pad is missing it would seem that pin 8 of the display is floating with no connection. Is there continuity between these two pins using an ohmmeter? If not add a jumper on the bottom of the board between pin 8 of the display and pin 13 of U7.

I too have been guilt of being overly aggressive with solder iron heat on these small pads. I've had to resort to jumpers to repair the problems.

Jim K6JF

1211. Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-15 19:42:14 UTC
From: Sheldon
Topic: 1211 Message: 1211

Final transmitter testing on the completed board showed 1.4 watts on 40 mtrs, 5 watts on 30 mtrs and 4.5 watts on 20 mtrs. Pwr supply voltage is 12.1. I triple checked the number of turns on L8, L10 and L12 counting only inside passes through the core. Also checked L9, L11 and L13. All turns are as specified in the current manual. Windings are spaced as far apart as possible and appear even. I tried tightening and alternately increasing spacing several times (as suggested in the manual) with little impact. 40 mtrs should be putting out 5 watts. Any clues on why it may only be producing only 1.4 wats? Thanks

Sheldon
k2men

note: the receiver works fine.

1212. Re: [pfr3_group] Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-15 23:04:20 UTC
From: Steven Weber
Topic: 1211 Message: 1212

Yes, make sure the cap across L9 (C62?) is indeed 68 pfd and not 680! If its is marked 680, that usually means its 68 p, but sometimes it means 680 p and if Doug happend to get some marked that way, it could impact others, so let us know.

72, Steve KD1JV
Final transmitter testing on the completed board showed 1.4 watts on 40 mtrs, 5 watts on 30 mtrs and 4.5 watts on 20 mtrs. Pwr supply voltage is 12.1. I triple checked the number of turns on L8, L10 and L12 counting only inside passes through the core. Also checked L9, L11 and L13. All turns are as specified in the current manual. Windings are spaced as far apart as possible and appear even. I tried tightening and alternately increasing spacing several times (as suggested in the manual) with little impact. 40 mtrs should be putting out 5 watts. Any clues on why it may only be producing only 1.4 wats?

1213. Re: [pfr3_group] Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-16 01:38:16 UTC
From: BILL KELLEY
Topic: 1211 Message: 1213

I had the exact same problem! My kit did not have a disk NPO 68 pfd for c62.It was a yellow mono, the same type cap as c61. c62 marked 680, c61 marked 681.
I got them switched, and low power on 40.
Got it figured out pretty quick, now all is well.
Let us know what u find.

Bill AB4KH

--- On Fri, 1/15/10, Sheldon <k2men@...> wrote:

From: Sheldon <k2men@...t>
Subject: [pfr3_group] Power low on 40mtrs only - 1.4 watts
To: pfr3_group@yahoogroups.com
Date: Friday, January 15, 2010, 2:42 PM

Final transmitter testing on the completed board showed 1.4 watts on 40 mtrs, 5 watts on 30 mtrs and 4.5 watts on 20 mtrs. Pwr supply voltage is 12.1. I triple checked the number of turns on L8, L10 and L12 counting only inside passes through the core. Also checked L9, L11 and L13. All turns are as specified in the current manual. Windings are spaced as far apart as possible and appear even. I tried tightening and alternately increasing spacing several times (as suggested in the manual) with little impact. 40 mtrs should be putting out 5 watts. Any clues on why it may only be producing only 1.4 wats? Thanks

Sheldon

k2men

note: the receiver works fine.

1214. external speakers

Yahoo group: pfr3_group
Date: 2010-01-16 03:04:59 UTC
From: va3ied
Topic: 1214 Message: 1214

Hi Folks,

Some may already be aware but i thought i would post this anyway. If you are like myself, you may prefer an external speaker from time to time. While the rig is more than capable of powering a speaker direct, I found a great solution for this rig. The speaker is designed for your ipod or mp3 player and is really small but provides big sound. Its a about an 2 inches total across in size and about 1.5 inches high until you unsnap it and the belows push out. It works great with the rig and recharges on a usb port. The speaker is an iHome IHM7 and costs about $20...I will try and get a pic up later but you can see a review here...
http://practicaltravelgear.com/ihome-im7-mini-travel-speakers/

73

scott VA3IED

1215. Re: [pfr3_group] external speakers

Yahoo group: pfr3_group
Date: 2010-01-16 10:21:18 UTC
From: David Wilcox
Topic: 1214 Message: 1215

Scott,

Can you "tune" this speaker by extending or compressing the flexible tube?

Dave K8WPE

--- On Fri, 1/15/10, va3ied <scottsheppard@...> wrote:

From: va3ied <scottsheppard@...>
Subject: [pfr3_group] external speakers
To: pfr3_group@yahoogroups.com
Date: Friday, January 15, 2010, 10:04 PM

Hi Folks,

Some may already be aware but i thought i would post this anyway. If you are like myself, you may prefer an external speaker from time to time. While the rig is more than capable of powering a speaker direct, I found a great solution for this rig. The speaker is designed for your ipod or mp3 player and is really small but provides big sound. Its a about an 2 inches total across in size and about 1.5 inches high until you unsnap it and the belows push out. It works great with the rig and recharges on a usb port. The speaker is an iHome IHM7 and costs about $20...I will try and get a pic up later but you can see a review here...
http://practicaltra velgear.com/ ihome-im7- mini-travel- speakers/

73

scott VA3IED

1216. problem with C22 and C23

Yahoo group: pfr3_group
Date: 2010-01-16 15:41:18 UTC
From: Simon Stedema
Topic: 1216 Message: 1216

Hi,

I received my kit thursday and now i am busy with group 2 assembly. The 2 capacitors C22 and C23 (0.01 uF, film) are too large. The housing of these capacitors is 12mm high (=about half inch) now the pcb will not fit in the cabinet. There is no room to bend them sideways because of the volumecontrol on the one side and U3 on the other side. What to do? Mount them on the other side of the pcb?

Best 72 from the Netherlands,

Simon, PC7A

1217. RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-16 18:56:22 UTC
From: K2MEN
Topic: 1211 Message: 1217

Thanks for your quick reply. No luck, though. C62 is 68pf (yellow marked 680) and C61 is 680pf (yellow marked 681). I pulled them off the board and tested them with a Mastech multitester (.068 and .680 nf). That's what the instructions call for as you noted. Any other suggestions?

Sheldon

K2men

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steven Weber
Sent: Friday, January 15, 2010 6:04 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Power low on 40mtrs only - 1.4 watts

Yes, make sure the cap across L9 (C62?) is indeed 68 pfd and not 680! If its is marked 680, that usually means its 68 p, but sometimes it means 680 p and if Doug happend to get some marked that way, it could impact others, so let us know.

72, Steve KD1JV

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1218. Re: external speakers

Yahoo group: pfr3_group
Date: 2010-01-16 20:54:37 UTC
From: va3ied
Topic: 1214 Message: 1218

not so much tuning as limiting the bass...sounds full when extended--not a huge deal for cw, mind you.

--- In pfr3_group@yahoogroups.com, David Wilcox <djwilcox01@...> wrote:
>
> Scott,
> Â
> Can you "tune" this speaker by extending or compressing the flexible tube?
> Â
> Dave K8WPE
>
> --- On Fri, 1/15/10, va3ied <scottsheppard@...> wrote:
>
>
> From: va3ied <scottsheppard@...>
> Subject: [pfr3_group] external speakers
> To: pfr3_group@yahoogroups.com
> Date: Friday, January 15, 2010, 10:04 PM
>
>
> Â
>
>
>
> Hi Folks,
>
> Some may already be aware but i thought i would post this anyway. If you are like myself, you may prefer an external speaker from time to time. While the rig is more than capable of powering a speaker direct, I found a great solution for this rig. The speaker is designed for your ipod or mp3 player and is really small but provides big sound. Its a about an 2 inches total across in size and about 1.5 inches high until you unsnap it and the belows push out. It works great with the rig and recharges on a usb port. The speaker is an iHome IHM7 and costs about $20...I will try and get a pic up later but you can see a review here...
> http://practicaltra velgear.com/ ihome-im7- mini-travel- speakers/
>
> 73
>
> scott VA3IED
>

1219. Re: external speakers

Yahoo group: pfr3_group
Date: 2010-01-16 23:07:59 UTC
From: Jean-Pierre C
Topic: 1214 Message: 1219

This one for ten bucks

http://www.thinkgeek.com/electronics/portable-audio-video/c02a/

72
VA2SG

--- In pfr3_group@yahoogroups.com, "va3ied" <scottsheppard@...> wrote:
>
> not so much tuning as limiting the bass...sounds full when extended--not a huge deal for cw, mind you.
>
> --- In pfr3_group@yahoogroups.com, David Wilcox <djwilcox01@> wrote:
> >
> > Scott,
> > Â
> > Can you "tune" this speaker by extending or compressing the flexible tube?
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> > Dave K8WPE
> >
> > --- On Fri, 1/15/10, va3ied <scottsheppard@> wrote:
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> > From: va3ied <scottsheppard@>
> > Subject: [pfr3_group] external speakers
> > To: pfr3_group@yahoogroups.com
> > Date: Friday, January 15, 2010, 10:04 PM
> >
> >
> > Â
> >
> >
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> > Hi Folks,
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> > Some may already be aware but i thought i would post this anyway. If you are like myself, you may prefer an external speaker from time to time. While the rig is more than capable of powering a speaker direct, I found a great solution for this rig. The speaker is designed for your ipod or mp3 player and is really small but provides big sound. Its a about an 2 inches total across in size and about 1.5 inches high until you unsnap it and the belows push out. It works great with the rig and recharges on a usb port. The speaker is an iHome IHM7 and costs about $20...I will try and get a pic up later but you can see a review here...
> > http://practicaltra velgear.com/ ihome-im7- mini-travel- speakers/
> >
> > 73

> >
> > scott VA3IED
> >
>

1220. Group 2 tests

Yahoo group: pfr3_group
Date: 2010-01-17 00:41:52 UTC
From: KO0D
Topic: 1220 Message: 1220

Getting back to my hotel room assembly. Group 1 tests are all ok. Can't get the receiver to work. I can hear the white noise and control the volume. I get a 60 Hz hum on pins 4 &5 of U1 and U2 when touched. C1/C2 doesn't have any effect on the white noise. U1 & U2 voltages are a little low on pins 4 through 8. Voltages on pins 5 through 7 are about 50% high on U3. Pin 8 is double. On U4 pins 5,6 & 7 the voltages are about double. DC supply is 12 volts. Output from regulator is ok. All the tuning switches, keyer and displays work ok. Any suggestions?

1221. RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-17 01:18:57 UTC
From: K2MEN
Topic: 1211 Message: 1221

Am I to understand that you replaced the C62 yellow mono (same as I got) with a 68 NPO?

Sheldon

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of BILL KELLEY
Sent: Friday, January 15, 2010 8:38 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Power low on 40mtrs only - 1.4 watts

I had the exact same problem! My kit did not have a disk NPO 68 pfd for c62.It was a yellow mono, the same type cap as c61. c62 marked 680, c61 marked 681.
I got them switched, and low power on 40.
Got it figured out pretty quick, now all is well.
Let us know what u find.

Bill AB4KH

--- On Fri, 1/15/10, Sheldon <k2men@...> wrote:

From: Sheldon <k2men@...>
Subject: [pfr3_group] Power low on 40mtrs only - 1.4 watts
To: pfr3_group@yahoogroups.com
Date: Friday, January 15, 2010, 2:42 PM

Final transmitter testing on the completed board showed 1.4 watts on 40 mtrs, 5 watts on 30 mtrs and 4.5 watts on 20 mtrs. Pwr supply voltage is 12.1. I triple checked the number of turns on L8, L10 and L12 counting only inside passes through the core. Also checked L9, L11 and L13. All turns are as specified in the current manual. Windings are spaced as far apart as possible and appear even. I tried tightening and alternately increasing spacing several times (as suggested in the manual) with little impact. 40 mtrs should be putting out 5 watts. Any clues on why it may only be producing only 1.4 wats? Thanks

Sheldon
k2men

note: the receiver works fine.

1222. Re: [pfr3_group] Group 2 tests

Yahoo group: pfr3_group
Date: 2010-01-17 03:40:03 UTC
From: Lou W0TQ
Topic: 1220 Message: 1222

Double check T-1 windings.

BFO working? Can you beat the control with the sidetone?

Last resort work through the stages with an antenna lead or signal
source to spot the stage where the failure is.

Lou W0TQ

KO0D wrote:
>
>
> Getting back to my hotel room assembly. Group 1 tests are all ok.
> Can't get the receiver to work. I can hear the white noise and control
> the volume. I get a 60 Hz hum on pins 4 &5 of U1 and U2 when touched.
> C1/C2 doesn't have any effect on the white noise. U1 & U2 voltages are
> a little low on pins 4 through 8. Voltages on pins 5 through 7 are
> about 50% high on U3. Pin 8 is double. On U4 pins 5,6 & 7 the voltages
> are about double. DC supply is 12 volts. Output from regulator is ok.
> All the tuning switches, keyer and displays work ok. Any suggestions?
>
>

1223. RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-17 03:44:28 UTC
From: BILL KELLEY
Topic: 1211 Message: 1223

Sheldon,
I used a yellow mono marked 680, for c62.
The instructions say c62 is a disk npo, which was not in my parts.The only 68 pico in the bag of parts was a yellow mono marked 680.
I don't know if using a COG instead of a NPO will result in any temp related issues. It hasn't so far
Maybe Steve can lend some insight in the matter
Hope this helps.

Bill AB4KH

--- On Sat, 1/16/10, K2MEN <k2men@...> wrote:

From: K2MEN <k2men@...>
Subject: RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts
To: pfr3_group@yahoogroups.com
Date: Saturday, January 16, 2010, 8:18 PM

Am I to understand that you replaced the C62 yellow mono (same
as I got) with a 68 NPO?

Sheldon

From:
pfr3_group@yahoogro ups.com [mailto:pfr3_ group@yahoogroup s.com] On Behalf Of BILL KELLEY

Sent: Friday, January 15, 2010 8:38 PM

To: pfr3_group@yahoogro ups.com

Subject: Re: [pfr3_group] Power low on 40mtrs only - 1.4 watts

I had the exact same problem! My kit did not have a disk
NPO 68 pfd for c62.It was a yellow mono, the same type cap as c61. c62 marked
680, c61 marked 681.

I got them switched, and low power on 40.

Got it figured out pretty quick, now all is well.

Let us know what u find.

Bill AB4KH

--- On Fri, 1/15/10, Sheldon <k2men@comcast. net> wrote:

From: Sheldon <k2men@comcast. net>

Subject: [pfr3_group] Power low on 40mtrs only - 1.4 watts

To: pfr3_group@yahoogro ups.com

Date: Friday, January 15, 2010, 2:42 PM

Final transmitter testing on the completed
board showed 1.4 watts on 40 mtrs, 5 watts on 30 mtrs and 4.5 watts on 20
mtrs. Pwr supply voltage is 12.1. I triple checked the number of turns on L8,
L10 and L12 counting only inside passes through the core. Also checked L9,
L11 and L13. All turns are as specified in the current manual. Windings are
spaced as far apart as possible and appear even. I tried tightening and
alternately increasing spacing several times (as suggested in the manual)
with little impact. 40 mtrs should be putting out 5 watts. Any clues on why
it may only be producing only 1.4 wats? Thanks

Sheldon

k2men

note: the receiver works fine.

1224. RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-17 04:06:45 UTC
From: BILL KELLEY
Topic: 1211 Message: 1224

Sheldon,
I would think It has to be in the low pass filter for 40 meters.
Maybe you have a solder bridge under one of the band switches, but I would think that would affect power on one of the other bands as well.
Are you using a 50 ohm load, what is the swr on 40 compared with 30 and 20.
What is the power on all three bands when in tune mode?

Bill AB4KH

--- On Sat, 1/16/10, K2MEN <k2men@...> wrote:

From: K2MEN <k2men@...>
Subject: RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts
To: pfr3_group@yahoogroups.com
Date: Saturday, January 16, 2010, 1:56 PM

Thanks for your quick reply. No luck, though. C62 is
68pf (yellow marked 680) and C61 is 680pf (yellow marked 681). I pulled
them off the board and tested them with a Mastech multitester (.068 and .680 nf).
 That's what the instructions call for as you noted. Any other
suggestions?

Sheldon

K2men

From:
pfr3_group@yahoogro ups.com [mailto:pfr3_ group@yahoogroup s.com] On Behalf Of Steven
Weber

Sent: Friday, January 15, 2010 6:04 PM

To: pfr3_group@yahoogro ups.com

Subject: Re: [pfr3_group] Power low on 40mtrs only - 1.4 watts

 Yes,
make sure the cap across L9 (C62?) is indeed 68 pfd and not 680! If
its is marked 680, that usually means its 68 p, but sometimes it means 680 p
and if Doug happend to get some marked that way, it could impact others,
so let us know.

72,
Steve KD1JV

Final transmitter testing on the completed board showed 1.4 watts on 40
mtrs, 5 watts on 30 mtrs and 4.5 watts on 20 mtrs. Pwr supply voltage is 12.1.
I triple checked the number of turns on L8, L10 and L12 counting only inside

passes through the core. Also checked L9, L11 and L13. All turns are as specified in the current manual. Windings are spaced as far apart as possible and appear even. I tried tightening and alternately increasing spacing several times (as suggested in the manual) with little impact. 40 mtrs should be putting out 5 watts. Any clues on why it may only be producing only 1.4 wats?

1225. RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-17 14:14:43 UTC
From: K2MEN
Topic: 1211 Message: 1225

Bill,

Thanks for the reply. No solder bridges. I have an MFJ autotuner which I set to 1.0 swr on each band before testing the PFR3a. Here’s the power output:

40mtrs 1.4W

30mtrs 6.0W

20mtrs 5.0W

My caps were both the yellow monos, 68 and 680pf same as yours.

The power on 30 and 20 changed noticeably as I adjusted the torid gaps on L8, 10 and 12. But no change on 40. I connected coax directly to the board, so I am not using the BLT.

My eyes are starting to cross from looking at small components with magnifying glasses…..

Sheldon

K2MEN

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of BILL KELLEY
Sent: Saturday, January 16, 2010 11:07 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts

Sheldon,
I would think It has to be in the low pass filter for 40 meters.
Maybe you have a solder bridge under one of the band switches, but I would think that would affect power on one of the other bands as well.
Are you using a 50 ohm load, what is the swr on 40 compared with 30 and 20.
What is the power on all three bands when in tune mode?

Bill AB4KH

--- On Sat, 1/16/10, K2MEN <k2men@...> wrote:

From: K2MEN <k2men@...>
Subject: RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts
To: pfr3_group@yahoogroups.com
Date: Saturday, January 16, 2010, 1:56 PM

Thanks for your quick reply. No luck, though. C62 is 68pf (yellow marked 680) and C61 is 680pf (yellow marked 681). I pulled them off the board and tested them with a Mastech multitester (.068 and .680 nf). That’s what the instructions call for as you noted. Any other suggestions?

Sheldon

K2men

From: pfr3_group@yahoogro ups.com [mailto:pfr3_ group@yahoogroup s.com] On Behalf Of Steven Weber
Sent: Friday, January 15, 2010 6:04 PM
To: pfr3_group@yahoogro ups.com
Subject: Re: [pfr3_group] Power low on 40mtrs only - 1.4 watts

Yes, make sure the cap across L9 (C62?) is indeed 68 pfd and not 680! If its is marked 680, that usually means its 68 p, but sometimes it means 680 p and if Doug happend to get some marked that way, it could impact others, so let us know.

72, Steve KD1JV

Final transmitter testing on the completed board showed 1.4 watts on 40 mtrs, 5 watts on 30 mtrs and 4.5 watts on 20 mtrs. Pwr supply voltage is 12.1. I triple checked the number of turns on L8, L10 and L12 counting only inside passes through the core. Also checked L9, L11 and L13. All turns are as specified in the current manual. Windings are spaced as far apart as possible and appear even. I tried tightening and alternately increasing spacing several times (as suggested in the manual) with little impact. 40 mtrs should be putting out 5 watts. Any clues on why it may only be producing only 1.4 wats?

1226. RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-17 17:34:07 UTC
From: BILL KELLEY
Topic: 1211 Message: 1226

If you have a scope, look at the input to the 40 meter filter, and compare to the output.
You can compare it to the other bands.
Then each stage of the filter.
You should be able to see what stage of the filter is causing the problem.
Outside chance you have a bad toroid, or maybe wound with #30 wire by mistake?
Your probably not feeling good about the problem, but this is the fun part of building this stuff, and u will fix it.

Bill AB4KH

--- On Sun, 1/17/10, K2MEN <k2men@...> wrote:

From: K2MEN <k2men@comcast.net>
Subject: RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts
To: pfr3_group@yahoogroups.com
Date: Sunday, January 17, 2010, 9:14 AM

Bill,

Thanks for the reply. No solder bridges. I have an MFJ
autotuner which I set to 1.0 swr on each band before testing the PFR3a. Here's
the power output:

40mtrs 1.4W

30mtrs 6.0W

20mtrs 5.0W

My caps were both the yellow monos, 68 and 680pf same as yours.

The power on 30 and 20 changed noticeably as I adjusted the
torid gaps on L8, 10 and 12. But no change on 40. I connected coax directly
to the board, so I am not using the BLT.

My eyes are starting to cross from looking at small components
with magnifying glasses…..

Sheldon

K2MEN

From:
pfr3_group@yahoogro ups.com [mailto:pfr3_ group@yahoogroup s.com] On Behalf Of BILL
KELLEY

Sent: Saturday, January 16, 2010 11:07 PM

To: pfr3_group@yahoogro ups.com

Subject: RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts

Sheldon,

I would think It has to be in the low pass filter for 40 meters.

Maybe you have a solder bridge under one of the band switches, but I would think that would affect power on one of the other bands as well.

Are you using a 50 ohm load, what is the swr on 40 compared with 30 and 20.

What is the power on all three bands when in tune mode?

Bill AB4KH

--- On Sat, 1/16/10, K2MEN <k2men@comcast. net> wrote:

From: K2MEN <k2men@comcast. net>

Subject: RE: [pfr3_group] Power low on 40mtrs only - 1.4 watts

To: pfr3_group@yahoogro ups.com

Date: Saturday, January 16, 2010, 1:56 PM

Thanks for your quick reply. No
luck, though. C62 is 68pf (yellow marked 680) and C61 is 680pf (yellow marked 681). I pulled them off the board and tested them with a Mastech multitester (.068 and .680 nf). That's what the
instructions call for as you noted. Any other suggestions?

Sheldon
K2men

From:
pfr3_group@yahoogro ups.com [mailto:pfr3_ group@yahoogroup s.com] On Behalf Of Steven Weber

Sent: Friday, January 15, 2010 6:04 PM

To: pfr3_group@yahoogro ups.com

Subject: Re: [pfr3_group] Power low on 40mtrs only - 1.4 watts

 Yes, make sure the cap across L9 (C62?) is
indeed 68 pfd and not 680! If its is marked 680, that usually means its 68 p, but sometimes it means 680 p and if Doug happend to get some marked that way, it could impact others, so let us know.

72, Steve KD1JV

Final transmitter testing on the completed board showed 1.4 watts on 40 mtrs, 5 watts on 30 mtrs and 4.5 watts on 20 mtrs. Pwr supply voltage is 12.1. I triple checked the number of turns on L8, L10 and L12 counting only inside passes through the core. Also checked L9, L11 and L13. All turns are as specified in the current manual. Windings are spaced as far apart as

possible and appear even. I tried tightening and alternately increasing spacing several times (as suggested in the manual) with little impact. 40 mtrs should be putting out 5 watts. Any clues on why it may only be producing only 1.4 wats?

1227. New batch of PFR-3 Baby Black Widows are hatching

Yahoo group: pfr3_group
Date: 2010-01-18 03:47:04 UTC
From: w5jhjerry
Topic: 1227 Message: 1227

All,
Just before Christmas I ran out of baby black widow paddles. I just got more parts in this past Thursday. so, if you are interested in a new baby black widow paddle for your new PFR-3, take a look at:

http://www.w5jh.net/BBW_PFR3.htm

I also have BBW paddles for the elecraft KX-1.

73, Jerry W5JH

1228. RE: [pfr3_group] New batch of PFR-3 Baby Black Widows are hatching

Yahoo group: pfr3_group
Date: 2010-01-18 06:23:07 UTC
From: Stejskal Milan
Topic: 1227 Message: 1228

Thank you for good idea. But in PFR-3 is bad algoritmh for CW. It is unpossible to use speed more like 28 WPM. Sorry. It is the same problems like in ATS-3B. Try to exchange firmware with W1KM software. It is really much better.
Milan
OK1IF

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of w5jhjerry
Sent: Monday, January 18, 2010 4:47 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] New batch of PFR-3 Baby Black Widows are hatching

All,
Just before Christmas I ran out of baby black widow paddles. I just got more parts in this past Thursday. so, if you are interested in a new baby black widow paddle for your new PFR-3, take a look at:

http://www.w5jh.net/BBW_PFR3.htm

I also have BBW paddles for the elecraft KX-1.

73, Jerry W5JH

1229. Re: Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-18 20:22:18 UTC
From: lwwb100
Topic: 1211 Message: 1229

This is the exact same problem I have with my PFR-3. I've rewound the toroids in the 40 meter section, checked the caps, replaced the caps, replaced the toroids, basically rebuilt the 40 meter section of the low pass filter several times and I still have low power (about .75 - 1 watt) on 40 meters. I finally gave up and ran through the BLT even when using coax. Going through the BLT, I can get 5 watts out on 40 meters.

Bill,KF8GE

--- In pfr3_group@yahoogroups.com, "K2MEN" <k2men@...> wrote:
>
> Bill,
>
>
>
> Thanks for the reply. No solder bridges. I have an MFJ autotuner which I set to 1.0 swr on each band before testing the PFR3a. Hereâ□□s the power output:
>
>
>
> 40mtrs 1.4W
>
> 30mtrs 6.0W
>
> 20mtrs 5.0W
>
>
>
> My caps were both the yellow monos, 68 and 680pf same as yours.
>
>
>
> The power on 30 and 20 changed noticeably as I adjusted the torid gaps on L8, 10 and 12. But no change on 40. I connected coax directly to the board, so I am not using the BLT.
>
>
>
> My eyes are starting to cross from looking at small components with magnifying glassesâ□¦..
>
>
>
> Sheldon
>
> K2MEN

1230. Re: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-18 21:34:53 UTC
From: Stewart Whitehouse
Topic: 1211 Message: 1230

On Mon, 2010-01-18 at 20:22 +0000, lwwb100 wrote:
>
> This is the exact same problem I have with my PFR-3. I've rewound the
> toroids in the 40 meter section, checked the caps, replaced the caps,
> replaced the toroids, basically rebuilt the 40 meter section of the
> low pass filter several times and I still have low power (about .75 -
> 1 watt) on 40 meters. I finally gave up and ran through the BLT even
> when using coax. Going through the BLT, I can get 5 watts out on 40
> meters.
>
> Bill,KF8GE
Bill and I built our PRF-3's about the same time and experienced the
same problems. I ran a lot LtSpice models of the LPF and redid what
seemed like a hundred Toroids. I never could get the power up on 40
meters. Like Bill, I run through the BLT and get four to five watts on
all bands. I keep thinking I should send the rig to Steve and let him
find what I can't.
72
Stew ke4yh

>

1231. Re: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-18 23:52:12 UTC
From: Steven Weber
Topic: 1211 Message: 1231

Humm, I get 1.4 watts out too - if the Tune / Operate switch is in the Tune position...

I sort of doubt all you are making that mistake though. Well, if this problem is more then just a couple of isolated cases, I would really like someone with this problem to send me thier rig to look at so I can find out if there is a fundimental problem or not.

72 Steve KD1JV

1232. RE: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-18 23:59:15 UTC
From: K2MEN
Topic: 1211 Message: 1232

Stew and Bill,

Thanks for that feedback. I will give the BLT angle a try tomorrow. Fyi, I checked the filters L8 through L13 for continuity and proper function of the switches. Zero ohms from C58 entering S5 (first band switch) through S6 (second band switch) and for each band when moving both switches among bands. No unintended continuity between filters and no shorts to ground. No apparent problems between the filter outputs for each band and the coax point on the board.

I will send it back to whomever if I can't resolve it 100%. Thanks again.

Sheldon

K2MEN

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Stewart Whitehouse
Sent: Monday, January 18, 2010 4:35 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

On Mon, 2010-01-18 at 20:22 +0000, lwwb100 wrote:
>
> This is the exact same problem I have with my PFR-3. I've rewound the
> toroids in the 40 meter section, checked the caps, replaced the caps,
> replaced the toroids, basically rebuilt the 40 meter section of the
> low pass filter several times and I still have low power (about .75 -
> 1 watt) on 40 meters. I finally gave up and ran through the BLT even
> when using coax. Going through the BLT, I can get 5 watts out on 40
> meters.
>
> Bill,KF8GE
Bill and I built our PRF-3's about the same time and experienced the same problems. I ran a lot LtSpice models of the LPF and redid what seemed like a hundred Toroids. I never could get the power up on 40 meters. Like Bill, I run through the BLT and get four to five watts on all bands. I keep thinking I should send the rig to Steve and let him find what I can't.
72
Stew ke4yh

>

1233. Re: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-19 00:02:48 UTC
From: Stewart Whitehouse
Topic: 1211 Message: 1233

On Mon, 2010-01-18 at 18:52 -0500, Steven Weber wrote:
>
> Humm, I get 1.4 watts out too - if the Tune / Operate switch is in
> the Tune position...
>
> I sort of doubt all you are making that mistake though. Well, if this
> problem is more then just a couple of isolated cases, I would really
> like someone with this problem to send me thier rig to look at so I
> can find out if there is a fundimental problem or not.
>
> 72 Steve KD1JV

Hi Steve,
I'll be happy to send my PFR3 to you. Would you like it to be in the
case or not? I'll need a day to document all that I have done to isolate
the problem.
Are the fees still $35.00?
regards es 72
Stew ke4yh

1234. Re: Group 2 tests

Yahoo group: pfr3_group
Date: 2010-01-19 01:16:48 UTC
From: w2lj@verizon.net
Topic: 1220 Message: 1234

--- In pfr3_group@yahoogroups.com, "KO0D" <jbmcmichael@...> wrote:
>
> Getting back to my hotel room assembly. Group 1 tests are all ok. Can't get the receiver to work. I can hear the white noise and control the volume. I get a 60 Hz hum on pins 4 &5 of U1 and U2 when touched. C1/C2 doesn't have any effect on the white noise. U1 & U2 voltages are a little low on pins 4 through 8. Voltages on pins 5 through 7 are about 50% high on U3. Pin 8 is double. On U4 pins 5,6 & 7 the voltages are about double. DC supply is 12 volts. Output from regulator is ok. All the tuning switches, keyer and displays work ok. Any suggestions?
>

Same thing here. I am positive that I wound T1 okay; but it's the only thing I can think of; so I will dismount, take it apart and try again.

Larry W2LJ

1235. Re: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-19 02:34:56 UTC
From: ed palmer
Topic: 1211 Message: 1235

Steve FYI,

After selling my first unbuilt PFR-3 kit and then realizing I really wanted to build the rig, the PFR-3A was ordered and built.

I'm seeing 3.5 watts out on 40 and 5.0 watts out on 30 and and 5.5 watts out on 20. In the tune position using the el cheapo Radio Shack SWR/power meter and my dummy load, I see a little less than 1 watt out on 40 and right at 1 watt out on 30 and 20.

It's really not a deal breaker really but having full power on 40 would be nice.

73 Ed N0EHQ

--- On Mon, 1/18/10, Steven Weber <steve.kd1jv@...> wrote:

From: Steven Weber <steve.kd1jv@...>
Subject: Re: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts
To: pfr3_group@yahoogroups.com
Date: Monday, January 18, 2010, 5:52 PM

Humm, I get 1.4 watts out too - if the Tune / Operate switch is in the Tune position...

I sort of doubt all you are making that mistake though. Well, if this problem is more then just a couple of isolated cases, I would really like someone with this problem to send me thier rig to look at so I can find out if there is a fundimental problem or not.

72 Steve KD1JV

1236. RE: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-19 03:21:01 UTC
From: Peter Risdahl
Topic: 1211 Message: 1236

Hi all:
Before sending the rigs in for repair - I am guessing here but first try a real 50 Ohm load - not a tuner - to be sure there isn't some sneaky reactive component fooling the output filter/matching. The BLT should be able to take care of most of it of course. I made a simple but good 5W load for testing 27 MHz radios years ago with a 47 Ohm 2w carbon resistor soldered into a PL259 - an adapter gets you to BNC. (PS also make 100 and 200 Ohm ones to check your SWR meter for 2:1 and 4:1 readings). One might try a variety of Rs too. I have an MFJ 993 and it is an excellent tuner but not sure it might not tell a fib or not match ok at these low power levels.

Also the scope suggestion is right on, 40m is so close to 30m the levels should be similar. A scope (50 MHz) using P = Vpp squared/ 8R should be a check. 45 Vpp is over 5W into 50 Ohms. A QRP wattmeter would be even nicer.

I did some testing on my HW8 in the boonies using a simple Ge diode (a 1N914 or 4148 Si at these levels would do) in series with the (analog) multimeter on a low V range as an RF probe. (a .001 uF cap can be added to gnd. at the meter). Compare the pulsed RF at the FET drains (TX filter inputs) on all bands and also the filter mids and outputs. I would also be tempted to try the 30 filter on 40 by doing some creative temporary soldering.

Has anyone measured the uH of each toroidal inductor so I could model the filters?
Cheers VE6KK

From: pfr3_group@yahoogroups.com [pfr3_group@yahoogroups.com] On Behalf Of ed palmer [flhtci97@yahoo.com]
Sent: Monday, January 18, 2010 7:34 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Steve FYI,

After selling my first unbuilt PFR-3 kit and then realizing I really wanted to build the rig, the PFR-3A was ordered and built.

I'm seeing 3.5 watts out on 40 and 5.0 watts out on 30 and and 5.5 watts out on 20. In the tune position using the el cheapo Radio Shack SWR/power meter and my dummy load, I see a little less than 1 watt out on 40 and right at 1 watt out on 30 and 20.

It's really not a deal breaker really but having full power on 40 would be nice.

73 Ed N0EHQ

--- On Mon, 1/18/10, Steven Weber <steve.kd1jv@...> wrote:

From: Steven Weber <steve.kd1jv@...>
Subject: Re: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts
To: pfr3_group@yahoogroups.com

Date: Monday, January 18, 2010, 5:52 PM

Humm, I get 1.4 watts out too - if the Tune / Operate switch is in the Tune position...

I sort of doubt all you are making that mistake though. Well, if this problem is more then just a couple of isolated cases, I would really like someone with this problem to send me thier rig to look at so I can find out if there is a fundimental problem or not.

72 Steve KD1JV

1237. Koss "The Plug" ear phones a good match for PFR-3?

Yahoo group: pfr3_group
Date: 2010-01-19 12:26:03 UTC
From: w0ese
Topic: 1237 Message: 1237

I'd like to get a pair of ear phones that are a good match for the PFR-3. I've noticed that Koss "The Plug" model seem to be a favorite for KX1 owners. Specs for the ear phones are as follows:

16 Ohms impedence
112 dB Sensitivity
10-20,000 Hz freq response.

I don't care about the freq response, but the sensitivity and impedance. Does anyone know what the phones output is on the PFR-3?

Just wondering if I 16 ohm "cans" would be a better match than 32 ohm "cans".

Thanks!

1238. RE: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-19 15:38:12 UTC
From: K2MEN
Topic: 1211 Message: 1238

JOY at last! I now have 5W out on all three bands via coax connection and the receiver sensitivity seems fine. The solution was to install the correct resistance value on R30. I had incorrectly installed a 100K in the R30 slot and it should have been 1K. That solved the problem completely. I found it when I went backwards from S5b to check the link to U7. (btw S5 on the board is labeled S6 on the schematic)

I really didn't intend to return the rig until I had completely exhausted the group's suggestions and my patience. If I couldn't figure it out myself, then I wanted to learn something about how to troubleshoot by returning it to a more experienced builder.

Thanks to all who submitted comments and guidance. I read every one carefully and it paid off!

Cheers and 72 to all.

Sheldon

K2MEN

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Peter Risdahl
Sent: Monday, January 18, 2010 10:21 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Hi all:

Before sending the rigs in for repair - I am guessing here but first try a real 50 Ohm load - not a tuner - to be sure there isn't some sneaky reactive component fooling the output filter/matching. The BLT should be able to take care of most of it of course. I made a simple but good 5W load for testing 27 MHz radios years ago with a 47 Ohm 2w carbon resistor soldered into a PL259 - an adapter gets you to BNC. (PS also make 100 and 200 Ohm ones to check your SWR meter for 2:1 and 4:1 readings). One might try a variety of Rs too. I have an MFJ 993 and it is an excellent tuner but not sure it might not tell a fib or not match ok at these low power levels.

Also the scope suggestion is right on, 40m is so close to 30m the levels should be similar. A scope (50 MHz) using P = Vpp squared/ 8R should be a check. 45 Vpp is over 5W into 50 Ohms. A QRP wattmeter would be even nicer.

I did some testing on my HW8 in the boonies using a simple Ge diode (a 1N914 or 4148 Si at these levels would do) in series with the (analog) multimeter on a low V range as an RF probe. (a .001 uF cap can be added to gnd. at the meter). Compare the pulsed RF at the FET drains (TX filter inputs) on all

bands and also the filter mids and outputs. I would also be tempted to try the 30 filter on 40 by doing some creative temporary soldering.

Has anyone measured the uH of each toroidal inductor so I could model the filters?

Cheers VE6KK

From: pfr3_group@yahoogroups.com [pfr3_group@yahoogroups.com] On Behalf Of ed palmer [flhtci97@...]
Sent: Monday, January 18, 2010 7:34 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Steve FYI,

After selling my first unbuilt PFR-3 kit and then realizing I really wanted to build the rig, the PFR-3A was ordered and built.

I'm seeing 3.5 watts out on 40 and 5.0 watts out on 30 and and 5.5 watts out on 20. In the tune position using the el cheapo Radio Shack SWR/power meter and my dummy load, I see a little less than 1 watt out on 40 and right at 1 watt out on 30 and 20.

It's really not a deal breaker really but having full power on 40 would be nice.

73 Ed N0EHQ

--- On Mon, 1/18/10, Steven Weber <steve.kd1jv@...> wrote:

From: Steven Weber <steve.kd1jv@...>
Subject: Re: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts
To: pfr3_group@yahoogroups.com
Date: Monday, January 18, 2010, 5:52 PM

Humm, I get 1.4 watts out too - if the Tune / Operate switch is in the Tune position...

I sort of doubt all you are making that mistake though. Well, if this problem is more then just a couple of isolated cases, I would really like someone with this problem to send me thier rig to look at so I can find out if there is a fundimental problem or not.

72 Steve KD1JV

1239. RE: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-19 16:02:19 UTC
From: Joseph Feustle
Topic: 1211 Message: 1239

Congratulations! Persistence triumphs again.

72, Joe
N8JF

On Tue, 2010-01-19 at 10:38 -0500, K2MEN wrote:
>
> JOY at last! I now have 5W out on all three bands via coax connection
> and the receiver sensitivity seems fine. The solution was to install
> the correct resistance value on R30. I had incorrectly installed a
> 100K in the R30 slot and it should have been 1K. That solved the
> problem completely. I found it when I went backwards from S5b to
> check the link to U7. (btw S5 on the board is labeled S6 on the
> schematic)
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> I really didn't intend to return the rig until I had completely
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> troubleshoot by returning it to a more experienced builder.
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> Thanks to all who submitted comments and guidance. I read every one
> carefully and it paid off!
>
>
>
> Cheers and 72 to all.
>
>
>
> Sheldon
>
> K2MEN
>
>
>
> From:pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On
> Behalf Of Peter Risdahl
> Sent: Monday, January 18, 2010 10:21 PM
> To: pfr3_group@yahoogroups.com
> Subject: RE: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts
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> Hi all:
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> Before sending the rigs in for repair - I am guessing here but first
> try a real 50 Ohm load - not a tuner - to be sure there isn't some
> sneaky reactive component fooling the output filter/matching. The BLT
> should be able to take care of most of it of course. I made a simple
> but good 5W load for testing 27 MHz radios years ago with a 47 Ohm 2w
> carbon resistor soldered into a PL259 - an adapter gets you to BNC.
> (PS also make 100 and 200 Ohm ones to check your SWR meter for 2:1 and
> 4:1 readings). One might try a variety of Rs too. I have an MFJ 993
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> multimeter on a low V range as an RF probe. (a .001 uF cap can be
> added to gnd. at the meter). Compare the pulsed RF at the FET drains
> (TX filter inputs) on all bands and also the filter mids and outputs.
> I would also be tempted to try the 30 filter on 40 by doing some
> creative temporary soldering.
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> Has anyone measured the uH of each toroidal inductor so I could model
> the filters?
>
>
> Cheers VE6KK
>

>
>
> _____
> From: pfr3_group@yahoogroups.com [pfr3_group@yahoogroups.com] On
> Behalf Of ed palmer [flhtci97@...]
> Sent: Monday, January 18, 2010 7:34 PM
> To: pfr3_group@yahoogroups.com
> Subject: Re: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts
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>
>
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>
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>
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> on 40 and right at 1 watt out on 30 and 20.
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> It's really not a deal breaker really but having full power on
> 40 would be nice.
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>
> 73 Ed N0EHQ
>
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> --- On Mon, 1/18/10, Steven Weber <steve.kd1jv@...> wrote:
>
>
>

> From: Steven Weber <steve.kd1jv@...>
> Subject: Re: [pfr3_group] Re: Power low on 40mtrs only - 1.4
> watts
> To: pfr3_group@yahoogroups.com
> Date: Monday, January 18, 2010, 5:52 PM
>
>
>
> Humm, I get 1.4 watts out too - if the Tune / Operate switch
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> I sort of doubt all you are making that mistake though. Well,
> if this problem is more then just a couple of isolated cases,
> I would really like someone with this problem to send me thier
> rig to look at so I can find out if there is a fundimental
> problem or not.
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>
> 72 Steve KD1JV
>
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1240. RE: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-19 18:18:01 UTC
From: sigcom@juno.com
Topic: 1211 Message: 1240
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1241. RE: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-19 21:35:21 UTC
From: K2MEN
Topic: 1211 Message: 1241

Steve,

You have stumped the chump. I don't know the answer. I only know everything works and that's the only component I changed. The only other items I touched on the board were some electrolytic caps to make sure they weren't touching other components. But, I think that had nothing to do with anything. I also removed and reinstalled the coax connection. That's it. I had a qso on 40 this morning and got a report of clear signal with no drift. 5 Watts out, no problem.

Sheldon

K2MEN

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of sigcom@...
Sent: Tuesday, January 19, 2010 1:18 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Hi Sheldon,

That's great news!

But I'm confused. According to the manuals I have, R30 is the voltage divider for 20 meters band select. It was originally 2.2K on the early models and is now 1K. The proof is in the results but I don't understand how this would have affected 40 meter operation.

73.......Steve Smith WB6TNL

1242. RE: [pfr3_group] Re: Power low on 40mtrs only - 1.4 watts

Yahoo group: pfr3_group
Date: 2010-01-20 05:26:26 UTC
From: sigcom@juno.com
Topic: 1211 Message: 1242

Sheldon,

Well, it's the bottom line that counts and you've proven, once again, that persistance pays! I'm just glad to hear that you've finally whipped it and you can now enjoy using your rig!

73.......Steve Smith WB6TNL

1243. Variable capacitor screw size?

Yahoo group: pfr3_group
Date: 2010-01-20 10:24:18 UTC
From: cawlx
Topic: 1243 Message: 1243

Just starting to put the PFR3A together and noticed that I am short a screw for mounting the variable capacitor. Does anyone know what the type of screw it is, size, thread type and length. That information is not listed in the parts list in the manual.
Thanks
Carl
VE3APY

1244. Fwd: [scoutregen] Three Screws

Yahoo group: pfr3_group
Date: 2010-01-20 12:43:25 UTC
From: John Stevens
Topic: 1244 Message: 1244

This is the same screw you are looking for. I found mine at ACE Hardware.

73 john k5js

---------- Forwarded message ----------
From: rasteenb <rasteenb@...>
Date: Sat, Sep 12, 2009 at 2:57 PM
Subject: [scoutregen] Three Screws
To: scoutregen@yahoogroups.com

Fred:

In case you're interested, the 3 screws that were missing (one for
mounting the variable capacitor to the panel and one for each shaft)
are 2.5mm machine screws. The panel screw is 2.5 x 4mm and the shaft
screws were 2.5 x 15mm when using the longer of the nylon spacers.

I found the screws I needed at a local hobby shop that caters to
radio-controlled model builders.

Cheers,
Rob

--- In scoutregen@yahoogroups.com, ajbruey@... wrote:
>
>
>
> I got my receiver and I was also missing the three screws. I left a message
> on their phone line telling them what I was missing and my name. They
> obviously had my address since they just sent me the kit. This was several
> weeks ago and I haven't heard a thing from the company. How do I get to the
> company?
>
> Fred
>

1245. Re: [pfr3_group] Variable capacitor screw size?

Yahoo group: pfr3_group
Date: 2010-01-20 14:21:56 UTC
From: Ed - K9EW
Topic: 1243 Message: 1245

Ask the man you bought it from (Doug Hendrix); he's always been very helpful.

It's also been in previous postings, so you could do a search of the archives (check qrp-l archives also).

73,
ed - k9ew
www.k9ew.us

On Wed, Jan 20, 2010 at 4:24 AM, cawlx <cwall@...> wrote:

>
>
> Just starting to put the PFR3A together and noticed that I am short a screw
> for mounting the variable capacitor. Does anyone know what the type of screw
> it is, size, thread type and length. That information is not listed in the
> parts list in the manual.
> Thanks
> Carl
> VE3APY
>
>
>

1246. Re: Fwd: [scoutregen] Three Screws

Yahoo group: pfr3_group
Date: 2010-01-21 05:20:26 UTC
From: cawlx
Topic: 1244 Message: 1246

Thank you for the reply
Carl

--- In pfr3_group@yahoogroups.com, John Stevens <jwsteven@...> wrote:
>
> This is the same screw you are looking for. I found mine at ACE Hardware.
>
> 73 john k5js
>
> ---------- Forwarded message ----------
> From: rasteenb <rasteenb@...>
> Date: Sat, Sep 12, 2009 at 2:57 PM
> Subject: [scoutregen] Three Screws
> To: scoutregen@yahoogroups.com
>
>
>
>
> Fred:
>
> In case you're interested, the 3 screws that were missing (one for
> mounting the variable capacitor to the panel and one for each shaft)
> are 2.5mm machine screws. The panel screw is 2.5 x 4mm and the shaft
> screws were 2.5 x 15mm when using the longer of the nylon spacers.
>
> I found the screws I needed at a local hobby shop that caters to
> radio-controlled model builders.
>
> Cheers,
> Rob
>
> --- In scoutregen@yahoogroups.com, ajbruey@ wrote:
> >
> >
> >
> > I got my receiver and I was also missing the three screws. I left a message
> > on their phone line telling them what I was missing and my name. They
> > obviously had my address since they just sent me the kit. This was several
> > weeks ago and I haven't heard a thing from the company. How do I get to the
> > company?
> >
> > Fred
> >
>

1247. Re: Variable capacitor screw size?

Yahoo group: pfr3_group
Date: 2010-01-21 05:33:43 UTC
From: cawlx
Topic: 1243 Message: 1247

Ed
Thank you for your reply. I had sent Doug a question on another problem, which I have not received a reply for yet. Which is why I asked on the list about this one.
The problem for me is the parts list which is in the PFR3A manual is not complete, or accurate. Which makes it hard to know if you have everything before you start.
On a positive note I have completed the first test of oscillator and microcontroller and it passed, so it is on to the receiver section assembly.
73
Carl
--- In pfr3_group@yahoogroups.com, Ed - K9EW <k9ew57@...> wrote:
>
> Ask the man you bought it from (Doug Hendrix); he's always been very
> helpful.
>
> It's also been in previous postings, so you could do a search of the
> archives (check qrp-l archives also).
>
> 73,
> ed - k9ew
> www.k9ew.us
>
> On Wed, Jan 20, 2010 at 4:24 AM, cawlx <cwall@...> wrote:
>
> > >
> > >
> > > Just starting to put the PFR3A together and noticed that I am short a screw
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> > > parts list in the manual.
> > > Thanks
> > > Carl
> > > VE3APY
> > >
> > >
> > >
>

1248. RE: [pfr3_group] Re: Variable capacitor screw size?

Yahoo group: pfr3_group
Date: 2010-01-21 12:49:30 UTC
From: Paul Feltz
Topic: 1243 Message: 1248

All:

I have built the Hendricks Kit BLT+ and it uses the same screw that I used in my first PFR-3. The material list there calls out this screw to be a "3 X 2.6 mm Pan Head" screw. This should help to get the screw sizes needed even if you find some too long, they can be cut off and the threads cleaned up before using. Hope this helps.

72, Paul WA0VDM

To: pfr3_group@yahoogroups.com
From: cwall@...
Date: Thu, 21 Jan 2010 05:33:43 +0000
Subject: [pfr3_group] Re: Variable capacitor screw size?

Ed
Thank you for your reply. I had sent Doug a question on another problem, which I have not received a reply for yet. Which is why I asked on the list about this one.
The problem for me is the parts list which is in the PFR3A manual is not complete, or accurate. Which makes it hard to know if you have everything before you start.
On a positive note I have completed the first test of oscillator and microcontroller and it passed, so it is on to the receiver section assembly.
73
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--- In pfr3_group@yahoogroups.com, Ed - K9EW <k9ew57@...> wrote:
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>
> It's also been in previous postings, so you could do a search of the
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> 73,
> ed - k9ew
> www.k9ew.us
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> > > parts list in the manual.
> > > Thanks
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> > > VE3APY

> >
> >
> >
>

Hotmail: Trusted email with Microsoft’s powerful SPAM protection.
http://clk.atdmt.com/GBL/go/196390706/direct/01/

1249. Re: Koss "The Plug" ear phones a good match for PFR-3?

Yahoo group: pfr3_group
Date: 2010-01-22 17:14:11 UTC
From: wb8yyy_curt
Topic: 1237 Message: 1249

I suggest identifying the final audio chip (ok its a LM386), and downloading its data sheet. Very likely it will specify an output impedance. I was just looking at TI's current offering of headphone amps yesterday - and several were 16 ohms - but they vary a little).

Whether the audio amp is designed for 8, 16 or 32 ohms I sense you won't have a large difference with these headphones - but it is certainly an interesting parameter to evaluate.

Some rigs that deploy less audio gain will be more sensitive to headphone parameters (yes I found this out with the NC2030) - and perhaps you might notice that some headphones might be more sensitive with the PFR-3 especially on 20m where there is less atmospheric noise - but it may be merely you set the volume control lower (which does result in less audio distortion).

73 Curt

--- In pfr3_group@yahoogroups.com, "w0ese" <w0ese@...> wrote:
>
> I'd like to get a pair of ear phones that are a good match for the PFR-3. I've noticed that Koss "The Plug" model seem to be a favorite for KX1 owners. Specs for the ear phones are as follows:
>
> 16 Ohms impedence
> 112 dB Sensitivity
> 10-20,000 Hz freq response.
>
> I don't care about the freq response, but the sensitivity and impedance. Does anyone know what the phones output is on the PFR-3?
>
> Just wondering if I 16 ohm "cans" would be a better match than 32 ohm "cans".
>
> Thanks!
>

1250. Re: Variable capacitor screw size?

Yahoo group: pfr3_group
Date: 2010-01-22 23:17:14 UTC
From: cawlx
Topic: 1243 Message: 1250

Paul
Thanks I have been able to find the screw locally with the information which you gave.
72
Carl

--- In pfr3_group@yahoogroups.com, Paul Feltz <paulfeltz@...> wrote:
>
>
> All:
>
> I have built the Hendricks Kit BLT+ and it uses the same screw that I used in my first PFR-3. The material list there calls out this screw to be a "3 X 2.6 mm Pan Head" screw. This should help to get the screw sizes needed even if you find some too long, they can be cut off and the threads cleaned up before using. Hope this helps.
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> 72, Paul WA0VDM
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> To: pfr3_group@yahoogroups.com
> From: cwall@...
> Date: Thu, 21 Jan 2010 05:33:43 +0000
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>
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> > > VE3APY
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> _____
> Hotmail: Trusted email with Microsoft's powerful SPAM protection.
> http://clk.atdmt.com/GBL/go/196390706/direct/01/
>

1251. Group 2 Problems

Yahoo group: pfr3_group
Date: 2010-01-25 00:46:32 UTC
From: w2lj@verizon.net
Topic: 1251 Message: 1251

I have finished Group 2 and am having problems. The receiver seems to be very deaf. The display works fine and the action of the actuators is right on the money. I can hear paddle sidetone and the tones when the actuators are pressed. I get hiss and white noise that varies as V1 is turned; but I sm not hearing anything that you would identify as, "Yep, that's 40 Meters". I do hear the 60 cycle hum when touching pins 4 & 5 of U2.

The voltages on U1 and U2 seem correct. I have rewound both L1 and T1 and am certain that I cleared the enamel off properly so as to insure a good solder connection.

Interestingly, if I touch pin 6 of U2 with a dental pick or the tips of a fine tweezers, I can faintly hear what sounds like an International Shortwave Broadcast in the headphones.

Anybody run into this? What was the fix for you? Or does anyone have any ideas?

Thanks!

Larry W2LJ

1252. Re: Group 2 Problems

Yahoo group: pfr3_group
Date: 2010-01-25 01:34:16 UTC
From: KO0D
Topic: 1251 Message: 1252

Very similiar to what I'm going through. My voltages on U1 & U2 are off a bit (see my message #1220). I'm hampered by the lack of test equipment but all the visual checks for right components, solder bridges, etc. seem to be ok. As with yours, my audio stages seem to be ok. I too, very carefully rewound L1 and T1. ?????????? John - KO0D

--- In pfr3_group@yahoogroups.com, "w2lj@..." <W2LJ@...> wrote:
>
> I have finished Group 2 and am having problems. The receiver seems to be very deaf. The display works fine and the action of the actuators is right on the money. I can hear paddle sidetone and the tones when the actuators are pressed. I get hiss and white noise that varies as V1 is turned; but I sm not hearing anything that you would identify as, "Yep, that's 40 Meters". I do hear the 60 cycle hum when touching pins 4 & 5 of U2.
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> The voltages on U1 and U2 seem correct. I have rewound both L1 and T1 and am certain that I cleared the enamel off properly so as to insure a good solder connection.
>
> Interestingly, if I touch pin 6 of U2 with a dental pick or the tips of a fine tweezers, I can faintly hear what sounds like an International Shortwave Broadcast in the headphones.
>
> Anybody run into this? What was the fix for you? Or does anyone have any ideas?
>
> Thanks!
>
> Larry W2LJ
>

1253. Re: [pfr3_group] Group 2 Problems

Yahoo group: pfr3_group
Date: 2010-01-25 05:06:00 UTC
From: Lou W0TQ
Topic: 1251 Message: 1253

Is the DDS LO and BFO working? When doing the calibration checks, in the BFO trimmer set, can you hear the bfo tone? The

You can use the antenna lead to trace thru the stages, going to U1-pin1 bypasses the tuned circuit with T1 & L1. Touching U2 pin1 will bypass the crystal filter. See where noise begins to show up.

Just a few thoughts. It is a pretty straightforward receiver, just think of it as a stage at a time.

73 Lou W0TQ

w2lj@... wrote:
>
>
> I have finished Group 2 and am having problems. The receiver seems to
> be very deaf. The display works fine and the action of the actuators
> is right on the money. I can hear paddle sidetone and the tones when
> the actuators are pressed. I get hiss and white noise that varies as
> V1 is turned; but I sm not hearing anything that you would identify
> as, "Yep, that's 40 Meters". I do hear the 60 cycle hum when touching
> pins 4 & 5 of U2.
>
> The voltages on U1 and U2 seem correct. I have rewound both L1 and T1
> and am certain that I cleared the enamel off properly so as to insure
> a good solder connection.
>
> Interestingly, if I touch pin 6 of U2 with a dental pick or the tips
> of a fine tweezers, I can faintly hear what sounds like an
> International Shortwave Broadcast in the headphones.
>
> Anybody run into this? What was the fix for you? Or does anyone have
> any ideas?
>
> Thanks!
>
> Larry W2LJ
>
>

1254. Re: Group 2 Problems

Yahoo group: pfr3_group
Date: 2010-01-26 02:13:16 UTC
From: w2lj@verizon.net
Topic: 1251 Message: 1254

Lou,

Thanks for the suggestions. I went back to the Group 1 build and re-soldered some connections having to do with the DDS LO output.

Touching the antenna lead to Pin 1 of U1 is now giving me a lot more receiver noise than I was getting. T1 still seems to be a problem. I am going to rip it out once more and rewind. This time, however, I am going to use green enameled wire for the 5 turns portion. I don't know - maybe these old eyes just ain't what they used to be.

Larry W2LJ

--- In pfr3_group@yahoogroups.com, Lou W0TQ <w0tq@...> wrote:
>
> Is the DDS LO and BFO working? When doing the calibration checks, in
> the BFO trimmer set, can you hear the bfo tone? The
>
> You can use the antenna lead to trace thru the stages, going to U1-pin1
> bypasses the tuned circuit with T1 & L1. Touching U2 pin1 will bypass
> the crystal filter. See where noise begins to show up.
>
> Just a few thoughts. It is a pretty straightforward receiver, just
> think of it as a stage at a time.
>
> 73 Lou W0TQ
>
> w2lj@... wrote:
> >
> >
> > I have finished Group 2 and am having problems. The receiver seems to
> > be very deaf. The display works fine and the action of the actuators
> > is right on the money. I can hear paddle sidetone and the tones when
> > the actuators are pressed. I get hiss and white noise that varies as
> > V1 is turned; but I sm not hearing anything that you would identify
> > as, "Yep, that's 40 Meters". I do hear the 60 cycle hum when touching
> > pins 4 & 5 of U2.
> >
> > The voltages on U1 and U2 seem correct. I have rewound both L1 and T1
> > and am certain that I cleared the enamel off properly so as to insure
> > a good solder connection.
> >
> > Interestingly, if I touch pin 6 of U2 with a dental pick or the tips
> > of a fine tweezers, I can faintly hear what sounds like an
> > International Shortwave Broadcast in the headphones.
> >
> > Anybody run into this? What was the fix for you? Or does anyone have

> > any ideas?
> >
> > Thanks!
> >
> > Larry W2LJ
> >
> >
>

1255. Alignment after PFR-3 completed?

Yahoo group: pfr3_group
Date: 2010-01-27 11:55:12 UTC
From: cawlx
Topic: 1255 Message: 1255

The alignment calibration that you do before you build the transmitter section, can you do this alignment after you have completed the transmitter section and put the board in the case? Do not have access to a frequency counter or scope at the moment.
72's
Carl VE3APY

1256. Re: [pfr3_group] Alignment after PFR-3 completed?

Yahoo group: pfr3_group
Date: 2010-01-27 20:55:36 UTC
From: Steven Weber
Topic: 1255 Message: 1256

You can do the calibration anytime you want, or not at all. I would suggest using it to help set the BFO trimmer properly though.

72, Steve KD1JV

The alignment calibration that you do before you build the transmitter section, can you do this alignment after you have completed the transmitter section and put the board in the case? Do not have access to a frequency counter or scope at the moment.
72's
Carl VE3APY

1257. Re: Alignment after PFR-3 completed?

Yahoo group: pfr3_group
Date: 2010-01-28 02:55:54 UTC
From: cawlx
Topic: 1255 Message: 1257

Steve
Thank you for the feedback, I have done the BFO trimmer setup, and will do the rest when I have access to the additional equipment.
72, Carl VE3APY

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
>
> You can do the calibration anytime you want, or not at all. I would suggest using it to help set the BFO trimmer properly though.
>
> 72, Steve KD1JV
> The alignment calibration that you do before you build the transmitter section, can you do this alignment after you have completed the transmitter section and put the board in the case? Do not have access to a frequency counter or scope at the moment.
> 72's
> Carl VE3APY
>

1258. paddle info

Yahoo group: pfr3_group
Date: 2010-01-28 03:13:19 UTC
From: wb5qyt
Topic: 1258 Message: 1258

Where do I find the information on building the paddle for the PFR3A?

Thanks, Tom WB5QYT

1259. paddle info never mind

Yahoo group: pfr3_group
Date: 2010-01-28 03:26:45 UTC
From: wb5qyt
Topic: 1259 Message: 1259

I found the info, never mind. I forgot about the files section on this list.

My PFR3A is working FB. Now I have to borrow a freq. counter and scope.

Thanks, Tom WB5QYT

1260. Re: [pfr3_group] paddle info

Yahoo group: pfr3_group
Date: 2010-01-28 12:42:09 UTC
From: Irv [K3IRV] McWherter
Topic: 1258 Message: 1260

Hi Tom:

There are many paddles that will work. Here is one I have seen:

http://www.w5jh.net/Paddles.htm

73, Irv - K3IRV

On Wed, Jan 27, 2010 at 10:13 PM, wb5qyt <wb5qyt@...> wrote:

>
>
> Where do I find the information on building the paddle for the PFR3A?
>
> Thanks, Tom WB5QYT
>
>
>

1261. Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2010-02-01 19:05:46 UTC
From: michaelnarges
Topic: 1261 Message: 1261

I have completed Group 1 and all checks out. However the DDS frequency measures 11945 on my counter and I hear the signal on my separate receiver (KNWD TS 440) at the same location, as well. Thus, I know that the DDS is running, that the microprocessor is responding properly to all tactile switches, and the display is funtioning as described. The only issue is that the frequency on the DDS is not 2.115 Mhz. Any Ideas? I have double and tripple checked the Group 1 steps, finding all in order !

Thanks,

Mike Narges WF8O

1262. Re: [pfr3_group] Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2010-02-01 21:19:00 UTC
From: Steven Weber
Topic: 1261 Message: 1262

Yeah, the frequency is correct, the manual is in error. Your apparently using an earlier version of the manual, which has since been corrected, along with a few other little things which some people found confusing. The latest and most accurate manual is on the qrpkits web site.

72, Steve KD1JV

I have completed Group 1 and all checks out. However the DDS frequency measures 11945 on my counter and I hear the signal on my separate receiver (KNWD TS 440) at the same location, as well. Thus, I know that the DDS is running, that the microprocessor is responding properly to all tactile switches, and the display is funtioning as described. The only issue is that the frequency on the DDS is not 2.115 Mhz. Any Ideas? I have double and tripple checked the Group 1 steps, finding all in order !

Thanks,

1263. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2010-02-02 03:36:47 UTC
From: michaelnarges
Topic: 1261 Message: 1263

Thanks, Steve. I will download the newest version of the manual. I appreciate your help.

73 de Mike WF8O

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> Yeah, the frequency is correct, the manual is in error. Your apparently using an earlier version of the manual, which has since been corrected, along with a few other little things which some people found confusing. The latest and most accurate manual is on the qrpkits web site.
>
> 72, Steve KD1JV
> I have completed Group 1 and all checks out. However the DDS frequency measures 11945 on my counter and I hear the signal on my separate receiver (KNWD TS 440) at the same location, as well. Thus, I know that the DDS is running, that the microprocessor is responding properly to all tactile switches, and the display is funtioning as described. The only issue is that the frequency on the DDS is not 2.115 Mhz. Any Ideas? I have double and tripple checked the Group 1 steps, finding all in order !
>
> Thanks,
>

1264. Tuner

Yahoo group: pfr3_group
Date: 2010-02-02 13:46:26 UTC
From: k8ar
Topic: 1264 Message: 1264

I am not quite clear on the use of the tuner. I am using a Norcal doublet and can load it up fine. 1. How can I read power out with a meter on the balanced line terminals. I do have a rf to dc probe and use my multimeter and the formula of course and that works. 2. When I have the switch turned to the balanced line I still get a reading off the coax side. Am I right in assuming that both balanced and coax are rf hot all the time? Then what is the use of the switch?I am using a hamstick on 40 for the coax side. The manual states that the tuner can be used to touch up the tuning for the coaxial antenna also but I find very little if any adjustment. Thanks in advance . Ben

1265. PFR-3A Keyer

Yahoo group: pfr3_group
Date: 2010-02-03 02:30:46 UTC
From: BILL
Topic: 1265 Message: 1265

Hi, anyone experiencing any keying issues with their rigs?
Mine seems to be slow with completing "dahs", sometimes. Tried both "a" and "b" modes. When I send a "k", sometimes get "n".

Bill AB4KH

1266. RE: [pfr3_group] PFR-3A Keyer

Yahoo group: pfr3_group
Date: 2010-02-03 03:12:37 UTC
From: Paul Feltz
Topic: 1265 Message: 1266

I had issues with my PFR-3 and changing the key fixed it. The key had stainless steel pins that came in contact with the aluminum arms. They appeared to have a black substance in the bore of the arms and I decided it was galvanic action. I cleaned it up, added some oil and that seemed to fix it. But now that key will be swapped off. May not be an issue in another rig. I changed to a Kent Key and have had no issues. I note a difference in resistor values relative to the Key input lines from the PFR-3 to the PFR-3A. Wonder if this was due in part to the issues I had?

72 Paul

WA0VDM

To: pfr3_group@yahoogroups.com
From: paver12321@...
Date: Wed, 3 Feb 2010 02:30:46 +0000
Subject: [pfr3_group] PFR-3A Keyer

Hi, anyone experiencing any keying issues with their rigs?
Mine seems to be slow with completing "dahs", sometimes. Tried both "a" and "b" modes. When I send a "k", sometimes get "n".

Bill AB4KH

_____
Hotmail: Powerful Free email with security by Microsoft.
http://clk.atdmt.com/GBL/go/201469230/direct/01/

1267. Critical Mass ?

Yahoo group: pfr3_group
Date: 2010-02-03 21:00:06 UTC
From: michaelnarges
Topic: 1267 Message: 1267

I wonder just how many PFR3's are out there. Are there enough to hope for PFR to PFR QSO? I am close to finishing my rig, and hope to have it on the air within the next few days.

de Mike WF8O

1268. Re: [pfr3_group] Critical Mass ?

Yahoo group: pfr3_group
Date: 2010-02-03 21:05:16 UTC
From: Steve Miller
Topic: 1267 Message: 1268

Mike,

There are more than enough to make Doug Hendricks put on his best smile. Steve

At 03:00 PM 2/3/2010, you wrote:

I wonder just how many PFR3's are out there. Are there enough to hope for PFR to PFR QSO? I am close to finishing my rig, and hope to have it on the air within the next few days.

de Mike WF8O

1269. Re: Critical Mass ?

Yahoo group: pfr3_group
Date: 2010-02-04 13:19:05 UTC
From: michaelnarges
Topic: 1267 Message: 1269

Thanks, Steve. The PFR puts a smile on my face too! Last night I finished the rcvr section, and am very impressed with the sensitivity and the selectivity. Soon to be in QSO's!

73 Mike WF8O

1270. Re: [pfr3_group] Re: Critical Mass ?

Yahoo group: pfr3_group
Date: 2010-02-04 15:06:09 UTC
From: Steve Miller
Topic: 1267 Message: 1270

Mike,

It's a darned nice little radio. You'll really enjoy it. Steve N0SM

At 07:19 AM 2/4/2010, you wrote:

Thanks, Steve. The PFR puts a smile on my face too! Last night I finished the rcvr section, and am very impressed with the sensitivity and the selectivity. Soon to be in QSO's!

73 Mike WF8O

1271. Deaf receiver - apparently no DDS LO

Yahoo group: pfr3_group
Date: 2010-02-04 16:07:28 UTC
From: Bart
Topic: 1271 Message: 1271

Hi guys,

I couldn't check the DDS signal after Group1 due to lack of receiver/test equipment. At completion of Group2, it became apparent that the receiver is deaf, only touching U2 pin1 generates some significant receiver noise. This could indicate that U1 doesn't get any DDS LO.
Went back to the previous stage (now with a receiver available), can't hear any signal on 11.9452MHz, so I assume there's no DDS signal. The ATMEGA voltages seem to be ok though. Strange thing I noticed is that the output voltage of U10 (one of the pre-installed components), at the "+" of C35, is only 0.6v, while it's supposed to be 3.5v. Could this be a path to explore any further, or am I completely on the wrong page?

Suggestions are more than welcome...

72, Bart - ON4CCU

1272. Re: [pfr3_group] Re: Critical Mass ?

Yahoo group: pfr3_group
Date: 2010-02-04 21:18:13 UTC
From: ed palmer
Topic: 1267 Message: 1272

Hey Steve, did you get Jim's radio built and running?

Ed N0EHQ

--- On Thu, 2/4/10, Steve Miller <hsmiller@...> wrote:

From: Steve Miller <hsmiller@...>
Subject: Re: [pfr3_group] Re: Critical Mass ?
To: pfr3_group@yahoogroups.com
Date: Thursday, February 4, 2010, 9:06 AM

Mike,

     It's a darned nice little radio. You'll really enjoy it. Steve N0SM

At 07:19 AM 2/4/2010, you wrote:

Thanks, Steve. The PFR puts a smile on my face too! Last night I finished the rcvr section, and am very impressed with the sensitivity and the selectivity. Soon to be in QSO's!

73 Mike WF8O

1273. Re: [pfr3_group] Deaf receiver - apparently no DDS LO

Yahoo group: pfr3_group
Date: 2010-02-04 22:32:33 UTC
From: Steven Weber
Topic: 1271 Message: 1273

If only 0.6V is coming out of the 3.5V regulator (and likely getting hot) then you have a serious problem. First look for any solder whips between the leads of the DDS chip, but I think the DDS chip has gotten zapped some how. If you have short leads on your temperary power leads into the board and connected to the supply with clip leads, it can be possible to have the hot side touch one of the connections on the DDS chip and fry it. Changing out the DDS chip is possible, but not the easiest thing to do.

Steve KD1JV

I couldn't check the DDS signal after Group1 due to lack of receiver/test equipment. At completion of Group2, it became apparent that the receiver is deaf, only touching U2 pin1 generates some significant receiver noise. This could indicate that U1 doesn't get any DDS LO.
Went back to the previous stage (now with a receiver available), can't hear any signal on 11.9452MHz, so I assume there's no DDS signal. The ATMEGA voltages seem to be ok though. Strange thing I noticed is that the output voltage of U10 (one of the pre-installed components), at the "+" of C35, is only 0.6v, while it's supposed to be 3.5v. Could this be a path to explore any further, or am I completely on the wrong page?

1274. Mute voltage

Yahoo group: pfr3_group
Date: 2010-02-05 02:13:10 UTC
From: KO0D
Topic: 1274 Message: 1274

Pin 25 on U6 is supposed to be 0v. on receive and 5v. on tx. Mine is just the opposite. All other voltages on U6 are dead on. Any suggestions as where to look for the problem? The only other voltage on the board that is way off is pin 6 on U4 and pin 8 on U3 which are both at the battery voltage. 72 de John, KO0D

1275. Re: [pfr3_group] Mute voltage

Yahoo group: pfr3_group
Date: 2010-02-05 03:34:39 UTC
From: Steven Weber
Topic: 1274 Message: 1275

Are you building a 3 or 3A? The mute voltages are opposite between versions. The 3 should be 0, the 3A 5V.

Pin 25 on U6 is supposed to be 0v. on receive and 5v. on tx. Mine is just the opposite. All other voltages on U6 are dead on. Any suggestions as where to look for the problem? The only other voltage on the board that is way off is pin 6 on U4 and pin 8 on U3 which are both at the battery voltage. 72 de John, KO0D

1276. RE: [pfr3_group] Mute voltage

Yahoo group: pfr3_group
Date: 2010-02-05 13:00:00 UTC
From: John McMichael
Topic: 1274 Message: 1276

3A so it looks like I'm ok.....thanks

To: pfr3_group@yahoogroups.com
From: steve.kd1jv@...
Date: Thu, 4 Feb 2010 22:34:39 -0500
Subject: Re: [pfr3_group] Mute voltage

Are you building a 3 or 3A? The mute voltages are opposite between versions. The 3 should be 0, the 3A 5V.

Pin 25 on U6 is supposed to be 0v. on receive and 5v. on tx. Mine is just the opposite. All other voltages on U6 are dead on. Any suggestions as where to look for the problem? The only other voltage on the board that is way off is pin 6 on U4 and pin 8 on U3 which are both at the battery voltage. 72 de John, KO0D

_____
Hotmail: Trusted email with Microsoft’s powerful SPAM protection.
http://clk.atdmt.com/GBL/go/201469226/direct/01/

1277. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2010-02-07 03:29:03 UTC
From: michaelnarges
Topic: 1261 Message: 1277

Finished the pcb assembly, and full 5w out on all three bands and dead nut on freq! Decals are on the box, and will coat with Krylon tomorrow! Very anxious to make some QSO's!

73 de Mike WF8O

1278. Question about U10

Yahoo group: pfr3_group
Date: 2010-02-07 23:58:01 UTC
From: w2lj@verizon.net
Topic: 1278 Message: 1278

Doing some troubleshooting as to why my receiver isn't working; I've come to believe there may be a problem with U10 (or a connection involving U10). I am currently not getting the 3.9V at the positive lead of C35 - only about .9V.

Now, bear with me for a second. If you look at U10, there are 4 solder connections - the "top" and then the three "bottom pins". Using my VOM to check for continuity, I get a short from the left most bottom pin to ground. I am getting a short from the right most pin to the positive lead of C35.

I am not getting a short from the middle lead to the cathode of D5, which I am assuming I should. Is the middle pin the input?

Tnx in advance,

Larry W2LJ

1279. Question about U10

Yahoo group: pfr3_group
Date: 2010-02-08 00:19:54 UTC
From: Steven Weber
Topic: 1278 Message: 1279

The center pin of U10 is indeed the input and is connected to the metal tab on the top end of the part. In the PFR-3A, power to this pin comes from the +5V regulator. In the earlier 3 model, it comes from the raw DC via D5.

Your the second one to have a problem here. I wonder if teh 50 Mhz clock chip is in upside down? If you look carefully at the silver box bewteen the regulator and the AD9834 chip, you should see a little dot near the upper left corner. If it is in the lower right corner, it is in upside down and could be pulling the regulator output low, since it sounds like its trying to forward bias a diode.

KD1JV

1280. Eureka it works FB!

Yahoo group: pfr3_group
Date: 2010-02-08 00:55:18 UTC
From: michaelnarges
Topic: 1280 Message: 1280

Just finished the PFR3A. Full 5 watts out on all three bands. Logged three QSO's in about 20 minutes. My sense is that on transmit and receive, this rig is about the same or better on CW as compared to my FT 817ND. Selectivity is bettter on the PFR because of the sharper filter. I am really pleased! Highly recommend this kit, but I guess that here I am preaching to the choir.

73

Mike Narges WF8O

1281. Re: Question about U10

Yahoo group: pfr3_group
Date: 2010-02-08 00:57:40 UTC
From: w2lj@verizon.net
Topic: 1278 Message: 1281

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> The center pin of U10 is indeed the input and is connected to the metal tab
> on the top end of the part. In the PFR-3A, power to this pin comes from the
> +5V regulator. In the earlier 3 model, it comes from the raw DC via D5.
>
> Your the second one to have a problem here. I wonder if teh 50 Mhz clock
> chip is in upside down? If you look carefully at the silver box bewteen the
> regulator and the AD9834 chip, you should see a little dot near the upper
> left corner. If it is in the lower right corner, it is in upside down and
> could be pulling the regulator output low, since it sounds like its trying
> to forward bias a diode.
>
> KD1JV
>

Steve,

It appears to be in upside down. The little dot by the "A" in "ASV" is at the bottom right corner. What's the recommended procedure for turning it around?

Larry W2LJ

1282. Re: Question about U10

Yahoo group: pfr3_group
Date: 2010-02-08 03:31:02 UTC
From: Steven Weber
Topic: 1278 Message: 1282

Well, it can be done but is not easy.

First, wick as much solder as possible off the pins on the sides of the package. Then hold the package with needle nose pliers and apply heat to the pads on one side of it, while applying a little torque to the package. You'll have to move the iron back and forth between the pads until both of them are hot enough to get the package to start to lift off the board. Then go do the other side and repeat.

These things will take an amazing amount of heat without damage. The main problem is not lifting the pads off the board. Don't know if it will have survived being powered up backwards. You might want to test that by simply pressing the clock chip to the board without soldering to find out, as to have to remove it a second time would not be good for the board.

Now, if you had a heat gun which you can focus the air flow just on the clock chip, that would work a lot easier and quicker.

KD1JV

1283. Source for RG8X BNC connectors

Yahoo group: pfr3_group
Date: 2010-02-08 15:50:19 UTC
From: RichardU
Topic: 1283 Message: 1283

Hi
Does anyone have a resonably priced BNC connectors and adapters (elbow)?

I see a few places on line but I dont want to get a qty of 100 for $101 dollars.

tnx, Rich NF8V
rich.ullery@...

1284. Re: [pfr3_group] Source for RF connectors

Yahoo group: pfr3_group
Date: 2010-02-08 16:17:46 UTC
From: crp.wd8axb@comcast.net
Topic: 1283 Message: 1284

Hello Rich

You should look up from these 2 sources:

Sauder Electronics (I think they are in Pennsylvania). Kathy and her husband.

Ken's Electronic Parts in Kalamazoo, Michigan.

Charlie WD8AXB
Vicksburg, MI

----- Original Message -----
From: RichardU
To: pfr3 group
Sent: Mon, 8 Feb 2010 15:50:19 +0000 (UTC)
Subject: [pfr3_group] Source for RG8X BNC connectors

Hi

Does anyone have a resonably priced BNC connectors and adapters (elbow)?

tnx, Rich NF8V
rich.ullery@...

1285. RE: Source for BNC Connectors

Yahoo group: pfr3_group
Date: 2010-02-09 19:06:00 UTC
From: Len [K4IWL]
Topic: 1285 Message: 1285

I buy all my connectors and adaptors at hamfests.

All my stuff is either homebrew or kitted so I always keep an ample supply of all kinds of spare parts.

If you're gonna be a QRPer it's a good idea to go to as many local hamfests that you can and stock up on common items like connectors, adaptors, batteries [gel cells], etc. If you don't need them now . you will!

72,

LEN, K4IWL

100% QRP and Loving It!

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]
Sent: Tuesday, February 09, 2010 8:44 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Digest Number 341

<http://groups.yahoo.com/group/pfr3_group;_ylc=X3oDMTJlOG00ZGRtBF9TAzk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDaGRyBHNsawNocGgEc3RpbWUDMTI2NTcyMzA1Mg--> PFR-3 Group

Messages In This Digest (2 Messages)

1a.

Source for RG8X BNC connectors From: RichardU

1b.

Re: Source for RF connectors From: crp.wd8axb@...

<http://groups.yahoo.com/group/pfr3_group/messages;_ylc=X3oDMTJnam9tZDRlBF9TAzk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZG1zZwRzbGsDYXRwYwRzdGltZQMxMjY1NzIzMDUy?xm=1&m=p&tidx=1> View All Topics | <http://groups.yahoo.com/group/pfr3_group/post;_ylc=X3oDMTJndHRycjBsBF9TAzk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZG1zZwRzbGsDbnRwYwRzdGltZQMxMjY1NzIzMDUy> Create New Topic

Messages

1a.

<http://groups.yahoo.com/group/pfr3_group/message/1283;_ylc=X3oDMTJyOGN2cHNuBF9TAzk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMjgzBHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzEyNjU3MjMwNTI-> Source for RG8X BNC connectors

Posted by: "RichardU"
<mailto:rich.ullery@...?Subject=%20Re%3ASource%20for%20RG8X%20BNC%20co
nnectors> rich.ullery@...
<http://profiles.yahoo.com/richard_ullery> richard_ullery

Mon Feb 8, 2010 7:51 am (PST)

Hi
Does anyone have a resonably priced BNC connectors and adapters (elbow)?

I see a few places on line but I dont want to get a qty of 100 for $101
dollars.

tnx, Rich NF8V
<mailto:rich.ullery%40gmail.com> rich.ullery@...

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<mailto:rich.ullery@...?Subject=Re%3ASource%20for%20RG8X%20BNC%20conne
ctors> Reply to sender |
<mailto:pfr3_group@yahoogroups.com?Subject=%20Re%3ASource%20for%20RG8X%20BNC
%20connectors> Reply to group |
<http://groups.yahoo.com/group/pfr3_group/post;_ylc=X3oDMTJyMGh2MDY5BF9TAzk3
MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMjgzBHNlYwNk
bXNnBHNsawNycGx5BHN0aW1lAzEyNjU3MjMwNTI-?act=reply&messageNum=1283> Reply
via web post

<http://groups.yahoo.com/group/pfr3_group/message/1283;_ylc=X3oDMTM2dmZsb2c4
BF9TAzk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMjgz
BHNlYwNkbXNnBHNsawN2dHBjBHN0aW1lAzEyNjU3MjMwNTIEdHBjSWQDMTI4Mw--> Messages
in this topic (2)

1b.

<http://groups.yahoo.com/group/pfr3_group/message/1284;_ylc=X3oDMTJyOGwyMnJo
BF9TAzk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMjg0
BHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzEyNjU3MjMwNTI-> Re: Source for RF
connectors

Posted by: "crp.wd8axb@..."
<mailto:crp.wd8axb@...?Subject=%20Re%3A%20Source%20for%20RF%20connec
tors> crp.wd8axb@... <http://profiles.yahoo.com/wd8axb> wd8axb

Mon Feb 8, 2010 8:17 am (PST)

Hello Rich

You should look up from these 2 sources:

Sauder Electronics (I think they are in Pennsylvania). Kathy and her
husband.

Ken's Electronic Parts in Kalamazoo, Michigan.

Charlie WD8AXB
Vicksburg, MI

----- Original Message -----
From: RichardU
To: pfr3 group
Sent: Mon, 8 Feb 2010 15:50:19 +0000 (UTC)
Subject: [pfr3_group] Source for RG8X BNC connectors

Hi

Does anyone have a resonably priced BNC connectors and adapters (elbow)?

tnx, Rich NF8V
<mailto:rich.ullery%40gmail.com> rich.ullery@...

Back to top

<mailto:crp.wd8axb@...?Subject=Re%3A%20Source%20for%20RF%20connector
s> Reply to sender |
<mailto:pfr3_group@yahoogroups.com?Subject=%20Re%3A%20Source%20for%20RF%20co
nnectors> Reply to group |
<http://groups.yahoo.com/group/pfr3_group/post;_ylc=X3oDMTJybWY3ZGhvBF9TAzk3
MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMjg0BHNlYwNk
bXNnBHNsawNycGx5BHN0aW1lAzEyNjU3MjMwNTI-?act=reply&messageNum=1284> Reply
via web post

<http://groups.yahoo.com/group/pfr3_group/message/1283;_ylc=X3oDMTM2N3R1amNt
BF9TAzk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMjg0
BHNlYwNkbXNnBHNsawN2dHBjBHN0aW1lAzEyNjU3MjMwNTIEdHBjSWQDMTI4Mw--> Messages
in this topic (2)

Recent Activity

. 1

<http://groups.yahoo.com/group/pfr3_group/members;_ylc=X3oDMTJnZ2hzM2dzBF9TA
zk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2b
WJycwRzdGltZQMxMjY1NzIzMDUy?o=6> New Members

<http://groups.yahoo.com/group/pfr3_group;_ylc=X3oDMTJmcnUwZzU0BF9TAzk3MzU5N
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W1lAzEyNjU3MjMwNTI-> Visit Your Group

Sitebuilder

<http://us.ard.yahoo.com/SIG=15lf3nrqm/M=493064.12016255.12445662.8674578/D=
groups/S=1705063108:NC/Y=YAHOO/EXP=1265730253/L=351a70e6-1581-11df-b626-6779
ad29cd8b/B=9DWOGGKJiTE-/J=1265723053034085/K=oZ5Y6KFSJG._G5l6CMB1Lw/A=402530
4/R=0/SIG=12uhb64pb/*http:/us.rd.yahoo.com/evt=44092/*http:/smallbusiness.ya
hoo.com/webhosting/sitebuilding.php> Build a web site

quickly & easily

with Sitebuilder.

Dog Fanatics

<http://us.ard.yahoo.com/SIG=15lqf1te5/M=493064.12016263.12445670.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1265730253/L=351a70e6-1581-11df-b626-6779ad29cd8b/B=9TWOGGKJiTE-/J=1265723053034085/K=oZ5Y6KFSJG._G5l6CMB1Lw/A=4836045/R=0/SIG=11o19ppl5/*http:/advision.webevents.yahoo.com/dogzone/index.html> on Yahoo! Groups

Find people who are

crazy about dogs.

Check out the

<http://us.ard.yahoo.com/SIG=15lkcsqdn/M=493064.12016258.12582637.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1265730253/L=351a70e6-1581-11df-b626-6779ad29cd8b/B=9jWOGGKJiTE-/J=1265723053034085/K=oZ5Y6KFSJG._G5l6CMB1Lw/A=5191952/R=0/SIG=112mhte3e/*http:/www.ygroupsblog.com/blog/> Y! Groups blog

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<http://groups.yahoo.com/group/pfr3_group/post;_ylc=X3oDMTJmZTlmaDQzBF9TAzk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEyNjU3MjMwNTI-> Create New Topic |
<http://groups.yahoo.com/group/pfr3_group;_ylc=X3oDMTJkZW4za3Y0BF9TAzk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNocARzdGltZQMxMjY1NzIzMDUy> Visit Your Group on the Web

<http://groups.yahoo.com/group/pfr3_group/messages;_ylc=X3oDMTJmMGNiOHN2BF9TAzk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNtc2dzBHN0aW1lAzEyNjU3MjMwNTI-> Messages |
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<http://groups.yahoo.com/group/pfr3_group/links;_ylc=X3oDMTJndGhwdjVkBF9TAzk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNsaW5rcwRzdGltZQMxMjY1NzIzMDUy> Links |
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nJzBHN0aW1lAzEyNjU3MjMwNTI-> Members |
<http://groups.yahoo.com/group/pfr3_group/calendar;_ylc=X3oDMTJlbGRrYmtyBF9T
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YWwEc3RpbWUDMTI2NTcyMzA1Mg--> Calendar

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g--> Yahoo! Groups

<http://groups.yahoo.com/group/pfr3_group/join;_ylc=X3oDMTJnN283czdtBF9TAzk3
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cwRzdGltZQMxMjY1NzIzMDUy> Change settings via the Web (Yahoo! ID required)
Change settings via email:
<mailto:pfr3_group-normal@yahoogroups.com?subject=Email%20Delivery:%20Indivi
ual%20Email> Switch delivery to Individual |
<mailto:pfr3_group-traditional@yahoogroups.com?subject=Change%20Delivery%20F
ormat:%20Traditional> Switch format to Traditional

<http://groups.yahoo.com/group/pfr3_group;_ylc=X3oDMTJlOTQ1MnRuBF9TAzk3MzU5N
zE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNocGYEc3Rpb
WUDMTI2NTcyMzA1Mg--> Visit Your Group | <http://docs.yahoo.com/info/terms/>
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<http://geo.yahoo.com/serv?s=97359715/grpId=22411776/grpspId=1705063108/msgI
d=341/stime=1265723052/nc1=4025304/nc2=4836045/nc3=5191952>

1286. Rev A 02-09-08

Yahoo group: pfr3_group
Date: 2010-02-09 23:10:52 UTC
From: eject12
Topic: 1286 Message: 1286

I received in a trade a kit with board Rev A 02/09/08. I have downloaded the PFR-3A manual. Before I start working on this kit are there any revisions to this kit?

73
Bill

W0PT

1287. RE: [pfr3_group] Rev A 02-09-08

Yahoo group: pfr3_group
Date: 2010-02-09 23:12:21 UTC
From: Doug Hendricks
Topic: 1286 Message: 1287
Attachments: 2 described; binary payloads are missing from this source WARC

You need to use the original manual. Doug

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of eject12
Sent: Tuesday, February 09, 2010 3:11 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Rev A 02-09-08

I received in a trade a kit with board Rev A 02/09/08. I have downloaded the PFR-3A manual. Before I start working on this kit are there any revisions to this kit?

73
Bill

W0PT

1288. Re: Rev A 02-09-08

Yahoo group: pfr3_group
Date: 2010-02-09 23:34:42 UTC
From: eject12
Topic: 1286 Message: 1288

Doug,
Thank you for the quick reply. I want to be sure I am using the correct manual. Is the PFR-3 production manual 6/10/08 Rev B the correct one?

Regards,
Bill

--- In pfr3_group@yahoogroups.com, "Doug Hendricks" <ki6ds@...> wrote:
>
> You need to use the original manual. Doug
>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On
> Behalf Of eject12
> Sent: Tuesday, February 09, 2010 3:11 PM
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Rev A 02-09-08
>
>
>
>
>
> I received in a trade a kit with board Rev A 02/09/08. I have downloaded
> the PFR-3A manual. Before I start working on this kit are there any
> revisions to this kit?
>
> 73
> Bill
>
> W0PT
>

1289. PFR3A info

Yahoo group: pfr3_group
Date: 2010-02-10 17:15:14 UTC
From: wb5qyt
Topic: 1130 Message: 1289

I'm getting 5 watts out on 30m, but on 40 and 20 only 2 watts out. I played with spacing the turns out on L8 and L12, with very little difference in output. What else should I be looking for?

Thanks, Tom

1290. PFR3-A internal battery

Yahoo group: pfr3_group
Date: 2010-02-10 17:29:17 UTC
From: wb5qyt
Topic: 1290 Message: 1290

On the battery cases, pre- scrape/flux the terminals, othewise they don't want to accept solder too well. Go light with the heat.

Tom Wb5qyt

1291. PFR3A info

Yahoo group: pfr3_group
Date: 2010-02-10 23:18:15 UTC
From: Steven Weber
Topic: 1130 Message: 1291

The usual cause is an extra turn on one or more of the toroids, count them carefully. If the wire passes through the hole, it is one turn.

KD1JV

1292. Re: Source for RG8X BNC connectors

Yahoo group: pfr3_group
Date: 2010-02-11 00:45:29 UTC
From: KO0D
Topic: 1283 Message: 1292

Don't know about the quality but Radio Shack has straight and right angle connectors listed on their website. Mall stores don't always carry a lot of parts but the strip center stores usually has them....John, KO0D

--- In pfr3_group@yahoogroups.com, "RichardU" <rich.ullery@...> wrote:
>
> Hi
> Does anyone have a resonably priced BNC connectors and adapters (elbow)?
>
> I see a few places on line but I dont want to get a qty of 100 for $101 dollars.
>
> tnx, Rich NF8V
> rich.ullery@...
>

1293. Re: Question about U10

Yahoo group: pfr3_group
Date: 2010-02-14 02:11:33 UTC
From: w2lj@verizon.net
Topic: 1278 Message: 1293

Steve,

Thanks! I did get U11 off the board and managed to lift a pad. However, I removed some of the solder resist leading to that pad with an X-acto knife and soldered on an old capacitor lead. A primitive "pad", perhaps; but it will do.

I placed the clock chip in the right way as per your suggestion, holding it in place with some masking tape. I powered the board up; and now the voltages are correct. I get about 3.5V at the positive lead of C35 now. Unfortunately, still no receive signals when plugging in headphones; so I guess the chip did not survive being powered up "backwards" as you thought.

I sent out an e-mail to Doug requesting a new U11 chip. Thanks for your help with this so far.

73 de Larry W2LJ

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> Well, it can be done but is not easy.
>
> First, wick as much solder as possible off the pins on the sides of the
> package. Then hold the package with needle nose pliers and apply heat to the
> pads on one side of it, while applying a little torque to the package.
> You'll have to move the iron back and forth between the pads until both of
> them are hot enough to get the package to start to lift off the board. Then
> go do the other side and repeat.
>
> These things will take an amazing amount of heat without damage. The main
> problem is not lifting the pads off the board. Don't know if it will have
> survived being powered up backwards. You might want to test that by simply
> pressing the clock chip to the board without soldering to find out, as to
> have to remove it a second time would not be good for the board.
>
> Now, if you had a heat gun which you can focus the air flow just on the
> clock chip, that would work a lot easier and quicker.
>
> KD1JV
>

1294. Tune mode

Yahoo group: pfr3_group
Date: 2010-02-14 04:55:44 UTC
From: eject12
Topic: 1294 Message: 1294

I just finished the build on my PFR-3. Everything seems to be working fine except the tune mode.

As per instructions I am holding the menu switch down however it does not sent the letter "T" It will send the letter "M" and allow me to store the message etc. I can change the keyer speed with one click of the menu switch.

What am I doing wrong?

73
Bill
W0PT

1295. PFR 3-A is a Joy!

Yahoo group: pfr3_group
Date: 2010-02-15 15:21:09 UTC
From: michaelnarges
Topic: 1295 Message: 1295

I have had my PR3-A on the air for about a week or so. I find it to be a real fb QRP rig. My usual antenna is Par Endfedz 10-20-40, and with that antenna I have worked more than a dozen contacts both close and far. I worked North Dakota and Hawaii and many others from Florida to Texas, from Delaware to the West coast. The sensitivity and selectivity are easily on par with my FT-817 and my TS 440S. The antenna tuner allows the rig to load this antenna nicely on 30M, where it is off resonance and no longer an Efhwa. The tuner is easy to use and very useful. The paddle is probably more of a temporary item. I ordered the W5JH Baby Black Widow of the PFR. I have used my Bencher BY-1 with the internal keyer, and that too is FB. This post is not intended as a brag, but more as validation to those now building the kit that great things should be expected. Kudos to Steve and to Doug. This kit was a pleasure to build and is a bigger leasure to use.

Sincerely,

Mike Narges
WF8O

1296. NIB PFR-3A for sale

Yahoo group: pfr3_group
Date: 2010-02-16 17:24:48 UTC
From: o2jmpr
Topic: 1296 Message: 1296

Hello all,

I'm selling my unopened NIB PFR-3A kit for $225.00. I've decided not to build it and go a different route in the hobby.

I'll pay the shipping on it within the U.S. so that would save ya $20.00 and I can ship it either same day or next.

If anyone's interested, please email me at: o2jnpr@...

Thanks everyone!

Derek-KI0K

1297. Re: [pfr3_group] PFR 3-A is a Joy!

Yahoo group: pfr3_group
Date: 2010-02-18 15:47:45 UTC
From: w8oey@aol.com
Topic: 1295 Message: 1297

Using the schematic for the PFR3A listed on Hendricks web site. How accurate is it? I am finding some differences from the assembly board to the receiver audio board dealing with U4.

Charlie Fulks, W8OEY

----Original Message-----

From: michaelnarges <michaelnarges@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Feb 15, 2010 10:21 am
Subject: [pfr3_group] PFR 3-A is a Joy!

I have had my PR3-A on the air for about a week or so. I find it to be a real fb QRP rig. My usual antenna is Par Endfedz 10-20-40, and with that antenna I have worked more than a dozen contacts both close and far. I worked North Dakota and Hawaii and many others from Florida to Texas, from Delaware to the West coast. The sensitivity and selectivity are easily on par with my FT-817 and my TS 440S. The antenna tuner allows the rig to load this antenna nicely on 30M, where it is off resonance and no longer an Efhwa. The tuner is easy to use and very useful. The paddle is probably more of a temporary item. I ordered the W5JH Baby Black Widow of the PFR. I have used my Bencher BY-1 with the internal keyer, and that too is FB. This post is not intended as a brag, but more as validation to those now building the kit that great things should be expected. Kudos to Steve and to Doug. This kit was a pleasure to build and is a bigger leasure to use.

Sincerely,

Mike Narges
WF8O

1298. Re: [pfr3_group] PFR 3-A is a Joy!

Yahoo group: pfr3_group
Date: 2010-02-18 16:39:56 UTC
From: w8oey@aol.com
Topic: 1295 Message: 1298

Thanks for the reply, Mike. Did you use the PFR3 production manual Rev. B or the PFR3A production manual? Finding some discreptions in the wiring dealing with U4. Old eyes and hands are not what they used to be. Going on 80.
Charlie, W8OEY

-----Original Message-----
From: w8oey@...
To: pfr3_group@yahoogroups.com
Sent: Thu, Feb 18, 2010 10:47 am
Subject: Re: [pfr3_group] PFR 3-A is a Joy!

Using the schematic for the PFR3A listed on Hendricks web site. How accurate is it? I am finding some differences from the assembly board to the receiver audio board dealing with U4.

Charlie Fulks, W8OEY

----Original Message-----

From: michaelnarges <michaelnarges@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Feb 15, 2010 10:21 am
Subject: [pfr3_group] PFR 3-A is a Joy!

I have had my PR3-A on the air for about a week or so. I find it to be a real fb QRP rig. My usual antenna is Par Endfedz 10-20-40, and with that antenna I have worked more than a dozen contacts both close and far. I worked North Dakota and Hawaii and many others from Florida to Texas, from Delaware to the West coast. The sensitivity and selectivity are easily on par with my FT-817 and my TS 440S. The antenna tuner allows the rig to load this antenna nicely on 30M, where it is off resonance and no longer an Efhwa. The tuner is easy to use and very useful. The paddle is probably more of a temporary item. I ordered the W5JH Baby Black Widow of the PFR. I have used my Bencher BY-1 with the internal keyer, and that too is FB. This post is not intended as a brag, but more as validation to those now building the kit that great things should be expected. Kudos to Steve and to Doug. This kit was a pleasure to build and is a bigger leasure to use.

Sincerely,

Mike Narges
WF8O

1299. Re: [pfr3_group] PFR 3-A is a Joy!

Yahoo group: pfr3_group
Date: 2010-02-18 18:51:32 UTC
From: Steven Weber
Topic: 1295 Message: 1299

Okay, I see what might be confusing you about U4, the LM386 audio amp. My cad doesn't have a LM386 symble in the libary, so I used a generic op amp and forgot to change some of the pin numbers. Pin 6 should be pin 5 for the output, pin 7 should be pin 6 for Vcc. I also forgot to add C31, which goes to pin 7, which is a by pass for better supply ripple rejection.

72, Steve KD1JV

1300. Re: [pfr3_group] PFR 3-A is a Joy!

Yahoo group: pfr3_group
Date: 2010-02-18 19:03:34 UTC
From: w8oey@aol.com
Topic: 1295 Message: 1300

Thanks, Steve,
I'll look into it. After finishing the receiver section all I am getting is a high freq signal which can be increased or decreased in volume with the volume control. This is fun. Hope this old man can get it going. By the way. I threaded a needle and wound the first two torroids with it and it worked great.
Charlie,

-----Original Message-----
From: Steven Weber <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, Feb 18, 2010 1:51 pm
Subject: Re: [pfr3_group] PFR 3-A is a Joy!

Okay, I see what might be confusing you about U4, the LM386 audio amp. My cad doesn't have a LM386 symble in the libary, so I used a generic op amp and forgot to change some of the pin numbers. Pin 6 should be pin 5 for the output, pin 7 should be pin 6 for Vcc. I also forgot to add C31, which goes to pin 7, which is a by pass for better supply ripple rejection.

72, Steve KD1JV

1301. This radio is awesome

Yahoo group: pfr3_group
Date: 2010-02-19 00:53:20 UTC
From: eject12
Topic: 1301 Message: 1301

I have been on the air for about a week now with my PFR-3 and all I can say is awesome! What a neat little radio!

I purchased my kit from a ham who picked it up in Dayton last year. He had not found the time to build it. The box had never been opened. It is an early model that came with all the lettering on the case.

The only problem I have had was not being able to switch the radio to the tune mode, however I think with mine being an early production model, it did not have the tune option. I understand I can send the MEGA48 chip back to Steve for reprogramming. Hopefully that is still the case. I am in hopes I can get the thumbscrews to replace the regular ones that came with this one.

So far the only problem I have had was not realizing I have the RIT on and wondering why no one would answer my call! hi!

73,
Bill
W0PT

1302. This radio is awesome

Yahoo group: pfr3_group
Date: 2010-02-19 02:37:41 UTC
From: Steven Weber
Topic: 1301 Message: 1302

All the PFR's have tune mode. Hold the menu switch down until you hear a dash (T) sound, which should be about a second after you close the switch, then release the switch. Unless your in straight key mode, then that option is bypassed, as there is no need for it in straight key mode.

Also, make sure you do the cut and jump mod on the bottom of the board to reroute the 5 volts to the proper pin on the processor, this will make the switches work more reliably.

And yes, you can still send the processor to me to be updated, which is a good idea for all who haven't done it yet and there are many of you.

72, Steve, KD1JV

1303. Re: This radio is awesome

Yahoo group: pfr3_group
Date: 2010-02-19 03:44:20 UTC
From: eject12
Topic: 1301 Message: 1303

Steve,
Thank you for the additional information. My PFR skips the tune mode. I can change keyer speed with just a press of the menu button.

If I hold the menu button down the next option I get is the memory mode or letter M. It does not send the letter T.

I have not done the cut and jump mod as it was not noted on the Production manual 6/10/08 Rev B. however I will do that now.

Is there anything else I could have missed?

73
W0PT

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> All the PFR's have tune mode. Hold the menu switch down until you hear a
> dash (T) sound, which should be about a second after you close the switch,
> then release the switch. Unless your in straight key mode, then that option
> is bypassed, as there is no need for it in straight key mode.
>
> Also, make sure you do the cut and jump mod on the bottom of the board to
> reroute the 5 volts to the proper pin on the processor, this will make the
> switches work more reliably.
>
> And yes, you can still send the processor to me to be updated, which is a
> good idea for all who haven't done it yet and there are many of you.
>
> 72, Steve, KD1JV
>

1304. Re: NIB PFR-3A for sale

Yahoo group: pfr3_group
Date: 2010-02-19 13:53:41 UTC
From: o2jmpr
Topic: 1296 Message: 1304

The kit has been sold. Thank you for looking.

Derek

1305. dx contacts

Yahoo group: pfr3_group
Date: 2010-02-23 15:34:39 UTC
From: k8ar
Topic: 1305 Message: 1305

wahoo. k8ar is on the air with the pfr3a. In my winter park here in Florida anything above the roof is frowned on. So what to do. I rigged up my MFJ fiberglas pole with a 20 meter inverted v attached to the top.. Bungicorded it to the awning 5 feet off the ground. When I want to operate I extend it far enough so that the ends are just off the aluminum roof. Then collapse it again when done. Yesterday made a contact in Belgium using 4 watts. He was using a 703 so less than 10 watts. Not strong of course but we did carry on a qso.I am also covering the states one by one on either 20 or 40. For 40 I have a hamstick fastened to the side of the roof with just the whip sticking up above the roof. Thanks Steve and Doug. Ben k8ar

1306. RE: [pfr3_group] dx contacts

Yahoo group: pfr3_group
Date: 2010-02-23 15:53:28 UTC
From: Catalin Lazaroiu
Topic: 1305 Message: 1306

Yes, indeed ! This small PFR it's amaizing ! During the ARRL CW DX contest, on 40 meters, I worked 41 US stations and 4 Canadian stations. All these only with a random wire anntena, having about 40 meters long.

To: pfr3_group@yahoogroups.com
From: docsuph@...
Date: Tue, 23 Feb 2010 15:34:39 +0000
Subject: [pfr3_group] dx contacts

wahoo. k8ar is on the air with the pfr3a. In my winter park here in Florida anything above the roof is frowned on. So what to do. I rigged up my MFJ fiberglas pole with a 20 meter inverted v attached to the top.. Bungicorded it to the awning 5 feet off the ground. When I want to operate I extend it far enough so that the ends are just off the aluminum roof. Then collapse it again when done. Yesterday made a contact in Belgium using 4 watts. He was using a 703 so less than 10 watts. Not strong of course but we did carry on a qso.I am also covering the states one by one on either 20 or 40. For 40 I have a hamstick fastened to the side of the roof with just the whip sticking up above the roof. Thanks Steve and Doug. Ben k8ar

_____
Hotmail: Powerful Free email with security by Microsoft.
https://signup.live.com/signup.aspx?id=60969

1307. PFR-3 VS KX1 ?

Yahoo group: pfr3_group
Date: 2010-02-23 21:04:11 UTC
From: kj13227
Topic: 1307 Message: 1307

Hello all,

Considering purchasing a PFR-3. Other than price, can anyone tell me the advantages of a PFR-3 over a KX1?

Thanks, Ken, W2GIW

1308. Re: [pfr3_group] PFR-3 VS KX1 ?

Yahoo group: pfr3_group
Date: 2010-02-23 23:29:10 UTC
From: Ed - K9EW
Topic: 1307 Message: 1308

The thing I really like about the PFR-3 is that it has a 4-pole crystal filter which gives it noticeably better selectivity than the KX-1 (I have both).

73,
ed - k9ew
www.k9ew.us

On Tue, Feb 23, 2010 at 3:04 PM, kj13227 <honda59848@...> wrote:

>
>
> Hello all,
>
> Considering purchasing a PFR-3. Other than price, can anyone tell me the
> advantages of a PFR-3 over a KX1?
>
> Thanks, Ken, W2GIW
>
>
>

1309. PFR-3 MANUAL

Yahoo group: pfr3_group
Date: 2010-02-26 01:07:51 UTC
From: kj13227
Topic: 1309 Message: 1309

Another few group questions,

I downloaded and printed out the PFR-3 6/10/08 manual which says REV B.

1. Is this the latest manual?
2. Are there any errors that need to be corrected?

Thanks, Ken W2GIW

1310. PFR-3 MANUAL

Yahoo group: pfr3_group
Date: 2010-02-26 02:59:46 UTC
From: Steven Weber
Topic: 1309 Message: 1310

If you just bougth the kit you want the PFR-3A manual.

KD1JV

1311. Re: PFR-3 MANUAL

Yahoo group: pfr3_group
Date: 2010-02-27 20:08:47 UTC
From: kj13227
Topic: 1309 Message: 1311

Thanks Steve...Well, same question.....Does this manual need any corrections?? I also here there is an over-voltage mod? Is this includes in the 3A manual?....Ken.

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> If you just bougth the kit you want the PFR-3A manual.
>
> KD1JV
>

1312. 14 pin dip ic 74hc02n listed in parts sheet.

Yahoo group: pfr3_group
Date: 2010-02-28 19:57:38 UTC
From: RichardU
Topic: 1312 Message: 1312

the kit came with a 14 pin 74Ac02n.
I assume it is a typo in them manual or a part change.
TNX
Rich NF8V

1313. PFR3 and Buddipole Antenna on front lawn.

Yahoo group: pfr3_group
Date: 2010-03-01 00:45:36 UTC
From: Mecsr
Topic: 1313 Message: 1313

set up buddipole antenna, pfr3 qrp radio,hf projects battery pack, headphones on frint lawn, Tuned to 20m, not much luck but, went to 40m and quickly made 2 contacts from Eastern Oregon to NW corner of WA state, and Nanaimo,BC, Canada. Not bad for a spur of the moment decision to try out set up today as weather was nice.After I finished making contacts, discovered that although I was using 40m I still had Buddipole set up for 20m !!! Was exciting anyway.
I had the Buddipole Antenna in the Horz. Dipole configuration

Mecsr MikeSr AB7OC

1315. Would really like to order a PFR-3, however I have the following concerns.

Yahoo group: pfr3_group
Date: 2010-03-01 04:27:47 UTC
From: Steven Weber
Topic: 1314 Message: 1315

I guess what is confusing to some people is that I forgot to specify that after winding T1, you snip the "loop" to seperate the wires, forming the two windings. Now you have four wire ends and four holes to put them into. And of course, the lablels for these holes don't show up on the top side layout dirgram as T1 is mounted on the bottom of the board, where they are labeled.

It is simply easier to wind the 5 turn link with a continueus piece of wire instead of stoping at 40 turns, then winding another 5 turns seperately.

The other question about the 74AC02 instead of the 74HC02 - the AC is a higher speed version than the HC type and has higher output drive, so it works better, especially on 20 meters.

Steve KD1JV

1316. Re: 14 pin dip ic 74hc02n listed in parts sheet.

Yahoo group: pfr3_group
Date: 2010-03-01 14:35:21 UTC
From: RichardU
Topic: 1312 Message: 1316

This was a question, not a statement?
anybody know?

Rich NF8V
73

--- In pfr3_group@yahoogroups.com, "RichardU" <rich.ullery@...> wrote:
>
> the kit came with a 14 pin 74Ac02n.
> I assume it is a typo in them manual or a part change.
> TNX
> Rich NF8V
>

1318. PFR-3A SCHEMATIC??

Yahoo group: pfr3_group
Date: 2010-03-02 00:50:58 UTC
From: kj13227
Topic: 1318 Message: 1318

Hello all,

1. Printed out the PFR-3A manual, the last page is the schematic which says PRF-3 dated 12/14/08 REV B. My question is "what happened to the PFR-3A schematic??

2. Unless I'm partially out-of-it, I don't see the "T1" toroid in this schematic!

3. Top of page 9 says "see next page for winding instructions". There is nothing on page 10 relative to "T1". Only on page 9 is it discussed....somewhat.

Ken, W2GIW

1319. PRF-3A SCHEMATIC ?

Yahoo group: pfr3_group
Date: 2010-03-02 02:02:20 UTC
From: Steven Weber
Topic: 1319 Message: 1319

Unfortunatly, you printed out the manual for the PFR-3 NOT the PFR-3A!

T1 is shown on the receiver section schematic, (next to last page) as it is a part of the receiver.

Steve KD1JV

1320. Right Manual

Yahoo group: pfr3_group
Date: 2010-03-02 19:52:18 UTC
From: kb9bvn
Topic: 1320 Message: 1320

I am in the mood to buy a PFR3 kit, but I am really confused as to which manual I am supposed to use.

PFR-3_REV_B.1 manual.pdf is in the file section here
PFR-3 REV B.2 manual.pdf is also in the file section here
PFR-3A manual.pdf is also in the file section here

PFR-3A_manual_112009.pdf is on the QRPKITS website called Prosuction Manual.

PFR-3_REV_B.1 manual.pdf is on the QRPKITS website and it is called the production manual Rev B.

Which one is for a new PFR kit?

Also, my friend Larry W2LJ is building a PFR3 and his came with the U11 50 MHz Reference Oscillator soldered in upside down, this is a SMT part and I don't want to have to mess with fixing it...have all the boards with this mistake on them been removed from stock or fixed?

Thanks for the replies in advance, and I am looking forward to getting a PFR3 soon.

73 de KB9BVN
Brian Murrey

1321. Re: PRF-3A MANUAL AND CORRECT SCHEMATIC.....PENDING ?

Yahoo group: pfr3_group
Date: 2010-03-02 21:08:21 UTC
From: kj13227
Topic: 1319 Message: 1321

Hello again all,

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:

1. The manual I printed out Steve says PFR-3A >>ON THE COVER<<, dated 11/16/09, the last page is the schematic which says >>PRF-3 dated 12/14/08 REV B<<. My question "STILL" is "what happened to the PFR-3A schematic??

2. "STILL" waiting for an answer to my other question in the same post Steve>>> Top of page 9 says "see next page for winding instructions". There is nothing on page 10 relative to "T1". Only on page 9 is it dscussed...somewhat.

Ken
==========

> Unfortunatly, you printed out the manual for the PFR-3 NOT the PFR-3A!
>
> T1 is shown on the receiver section schematic, (next to last page) as it is
> a part of the receiver.
>
> Steve KD1JV
>

1322. Re: PRF-3A MANUAL AND CORRECT SCHEMATIC.....PENDING ?

Yahoo group: pfr3_group
Date: 2010-03-02 22:04:40 UTC
From: sigcom@juno.com
Topic: 1319 Message: 1322

You are correct.

What happened is that the schematic was updated in a later revision of the manual; the one that says, "updated 12/21/09" on the cover.

The T1 deal is a formatting error. The box that contains the text you quoted should have been on page 8 and would have referred to page 9.

As far as the winding confusion, Steve answered that in message #1315.

73.......Steve Smith WB6TNL

--- In pfr3_group@yahoogroups.com, "kj13227" <kj13227@...> wrote:
>
>
> Hello again all,
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
>
> 1. The manual I printed out Steve says PFR-3A >>ON THE COVER<<, dated 11/16/09, the last page is the schematic which says >>PRF-3 dated 12/14/08 REV B<<. My question "STILL" is "what happened to the PFR-3A schematic??
>
> 2. "STILL" waiting for an answer to my other question in the same post Steve>>> Top of page 9 says "see next page for winding instructions". There is nothing on page 10 relative to "T1". Only on page 9 is it dscussed...somewhat.
>
> Ken
> ==
>
> > Unfortunatly, you printed out the manual for the PFR-3 NOT the PFR-3A!
> >
> > T1 is shown on the receiver section schematic, (next to last page) as it is
> > a part of the receiver.
> >
> > Steve KD1JV
> >
>

1323. Right Manual

Yahoo group: pfr3_group
Date: 2010-03-02 22:55:13 UTC
From: Steven Weber
Topic: 1320 Message: 1323

You want to use the PFR-3A manual which is third on the list on the qrpkits web site. I've asked Doug to have the older manuals moved someplace else to eliminate this confusion, but will take a few days for that to happen. What often happens is new stuff is added to the bottom of the list instead of the top.

I've also sent him a new manual which will hopefully eliminate the "T1" confusion and which will likely be put up the same time the older manuals are moved.

Steve KD1JV

- one guy, working alone, often late at night and blurry eyed...

1324. Re: [pfr3_group] Right Manual

Yahoo group: pfr3_group
Date: 2010-03-03 11:33:36 UTC
From: KB9BVN
Topic: 1320 Message: 1324

Steve,

Thanks. You say use the QRPKITS manual, someone else says don't.

How about a file name, and a date stamp so I make sure I get the right one. I don't mind having to do a little digging but there are so many options for manuals and apparently they all have their own "personality" <grin>....I just don't want to waste a lot of time with the wrong document on a $225 kit.

Are you going to post your "new" manual with the T1 update to the Yahoo Group files section? If you do, would it be possible to make a folder called "OLD MANUALS" and put everything that isn't a current PDF in that folder?

73 de KB9BVN
Brian Murrey

----- Original Message -----
From: "Steven Weber" <steve.kd1jv@...>
To: <pfr3_group@yahoogroups.com>
Sent: Tuesday, March 02, 2010 5:55 PM
Subject: [pfr3_group] Right Manual

> You want to use the PFR-3A manual which is third on the list on the
> qrpkits
> web site. I've asked Doug to have the older manuals moved someplace else
> to
> eliminate this confusion, but will take a few days for that to happen.
> What
> often happens is new stuff is added to the bottom of the list instead of
> the
> top.
>
> I've also sent him a new manual which will hopefully eliminate the "T1"
> confusion and which will likely be put up the same time the older manuals
> are moved.
>
> Steve KD1JV
>
> - one guy, working alone, often late at night and blurry eyed...
>
>
>
> ------------------------------------
>

> Yahoo! Groups Links
>
>
>

1325. Re: [pfr3_group] Right Manual

Yahoo group: pfr3_group
Date: 2010-03-03 14:48:29 UTC
From: Steve Miller
Topic: 1320 Message: 1325

Brian,

Use the PFR-3A manual on Doug's website. If you run into things that aren't clear to you, just ask here on the reflector and I'm sure you'll get all of the help you could ever want. There's very little that's different in the construction of the 3 and the 3A. (I've built both). Steve N0SM

At 05:33 AM 3/3/2010, you wrote:

Steve,

Thanks. You say use the QRPKITS manual, someone else says don't.

How about a file name, and a date stamp so I make sure I get the right one.
I don't mind having to do a little digging but there are so many options for
manuals and apparently they all have their own "personality" I
just don't want to waste a lot of time with the wrong document on a $225
kit.

Are you going to post your "new" manual with the T1 update to the Yahoo
Group files section? If you do, would it be possible to make a folder
called "OLD MANUALS" and put everything that isn't a current PDF in that
folder?

73 de KB9BVN
Brian Murrey

----- Original Message -----
From: "Steven Weber" <steve.kd1jv@... >
To: < pfr3_group@yahoogroups.com>
Sent: Tuesday, March 02, 2010 5:55 PM
Subject: [pfr3_group] Right Manual

> You want to use the PFR-3A manual which is third on the list on the
> qrpkits
> web site. I've asked Doug to have the older manuals moved someplace else
> to
> eliminate this confusion, but will take a few days for that to happen.
> What
> often happens is new stuff is added to the bottom of the list instead of
> the
> top.
>
> I've also sent him a new manual which will hopefully eliminate the "T1"
> confusion and which will likely be put up the same time the older manuals
> are moved.
>

> Steve KD1JV
>
> - one guy, working alone, often late at night and blurry eyed...
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

1326. re: [pfr3_group] Right Manual

Yahoo group: pfr3_group
Date: 2010-03-03 15:17:31 UTC
From: Dean Davis
Topic: 1320 Message: 1326

Steve,

I have moved the older manuals from the PFR page to the Manuals page. This
should clear up some confusion.

Normal
0

false
false
false

MicrosoftInternetExplorer4

Normal
0

false
false
false

MicrosoftInternetExplorer4

D2
Dean Davis (N7XG)
Alpine Software
www.alpinesoft.com

From: "Steven Weber" <steve.kd1jv@...>
Sent: Tuesday, March 02, 2010 5:55 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Right Manual

You want to use the PFR-3A manual which is third on the list on the qrpkits

web site. I've asked Doug to have the older manuals moved someplace else to

eliminate this confusion, but will take a few days for that to happen. What

often happens is new stuff is added to the bottom of the list instead of
the
top.

I've also sent him a new manual which will hopefully eliminate the "T1"
confusion and which will likely be put up the same time the older manuals

are moved.

Steve KD1JV

- one guy, working alone, often late at night and blurry eyed...

Yahoo! Groups Links

1327. Re: [pfr3_group] Right Manual

Yahoo group: pfr3_group
Date: 2010-03-03 16:43:52 UTC
From: Steven Weber
Topic: 1320 Message: 1327

I can put the latest revision manual in the group files, but I can't do anything about manuals already there since they were put up by other people and only they can delete or move them. (I'll have to check to see if any were done by me, in which case I'll delete them)

As far as I can see, the manual at qrpkits has two minor errors in it.

1. It doesn't tell you to snip the loop to form 2 windings after making the 5 turn link turns, but most everyone figured that out on thier own.

2. On the MPU/TX schematic, power is shown going to the 3.5 V regulator for the DDS chip coming from the raw DC supply when if fact it comes off the 5V regulator.

And finally, one recent development, some of the recent kits were shipped with green, 0.01 ufd film caps which are about 1/2" tall and if put on the top side of the board, will keep the top of the case from mounting properly. So, if you have these caps, put them on the bottom side and lay them over, but spaced slightly above the other solder pads in the area.

And if you have a 74AC02 instead of a 74HC02, the AC is a faster type with higher output drive, so works a little better than a HC type, though both do the job.

Steve KD1JV

1328. Re: [pfr3_group] Right Manual

Yahoo group: pfr3_group
Date: 2010-03-03 17:25:58 UTC
From: Brian Murrey
Topic: 1320 Message: 1328

Thanks Steve, I'll look for the new revised manual on the Yahoo site.

73

On Wed, Mar 3, 2010 at 11:43 AM, Steven Weber <steve.kd1jv@...> wrote:
> I can put the latest revision manual in the group files, but I can't do
> anything about manuals already there since they were put up by other people
> and only they can delete or move them. (I'll have to check to see if any
> were done by me, in which case I'll delete them)
>
> As far as I can see, the manual at qrpkits has two minor errors in it.
>
> 1. It doesn't tell you to snip the loop to form 2 windings after making the
> 5 turn link turns, but most everyone figured that out on thier own.
>
> 2. On the MPU/TX schematic, power is shown going to the 3.5 V regulator for
> the DDS chip coming from the raw DC supply when if fact it comes off the 5V
> regulator.
>
> And finally, one recent development, some of the recent kits were shipped
> with green, 0.01 ufd film caps which are about 1/2" tall and if put on the
> top side of the board, will keep the top of the case from mounting properly.
> So, if you have these caps, put them on the bottom side and lay them over,
> but spaced slightly above the other solder pads in the area.
>
> And if you have a 74AC02 instead of a 74HC02, the AC is a faster type with
> higher output drive, so works a little better than a HC type, though both do
> the job.
>
> Steve KD1JV
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

1329. SWL/psk-40

Yahoo group: pfr3_group
Date: 2010-03-03 19:06:00 UTC
From: hamradiobert
Topic: 1329 Message: 1329

Steve,

This is not related to the PFR-3,however,the SWL web site somehow sent me to you for return/repair for the psk-40. Something seems screwed up with Dave's web site.

Bert M. Thompson KB3MHB/0 73 Still waiting for SWL aka Dave to respond to my e-mail reguarding the psk-40 another good qrp product.

1330. Re: [pfr3_group] Right Manual

Yahoo group: pfr3_group
Date: 2010-03-03 18:30:24 UTC
From: J. Feustle
Topic: 1320 Message: 1330

In an effort to reduce the confusion over manuals, I've moved some stuff around on the Yahoo group site and left the PFR-3A that Steve put there as the only manual now visible on log-in.

73
Joe, N8JF

Steve Miller wrote:
>
> Brian,
>
> Use the PFR-3A manual on Doug's website. If you run into things that
> aren't clear to you, just ask here on the reflector and I'm sure
> you'll get all of the help you could ever want. There's very little
> that's different in the construction of the 3 and the 3A. (I've built
> both). Steve N0SM
>
>
> At 05:33 AM 3/3/2010, you wrote:
>
>>
>>
>> Steve,
>>
>> Thanks. You say use the QRPKITS manual, someone else says don't.
>>
>> How about a file name, and a date stamp so I make sure I get the
>> right one.
>> I don't mind having to do a little digging but there are so many
>> options for
>> manuals and apparently they all have their own "personality" <grin>....I
>> just don't want to waste a lot of time with the wrong document on a $225
>> kit.
>>
>> Are you going to post your "new" manual with the T1 update to the Yahoo
>> Group files section? If you do, would it be possible to make a folder
>> called "OLD MANUALS" and put everything that isn't a current PDF in that
>> folder?
>>
>> 73 de KB9BVN
>> Brian Murrey
>>
>> ----- Original Message -----
>> From: "Steven Weber" <steve.kd1jv@...
>> <mailto:steve.kd1jv%40gmail.com> >

>> To: < pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>>
>> Sent: Tuesday, March 02, 2010 5:55 PM
>> Subject: [pfr3_group] Right Manual
>>
>> > You want to use the PFR-3A manual which is third on the list on the
>> > qrpkits
>> > web site. I've asked Doug to have the older manuals moved someplace
>> else
>> > to
>> > eliminate this confusion, but will take a few days for that to happen.
>> > What
>> > often happens is new stuff is added to the bottom of the list
>> instead of
>> > the
>> > top.
>> >
>> > I've also sent him a new manual which will hopefully eliminate the "T1"
>> > confusion and which will likely be put up the same time the older
>> manuals
>> > are moved.
>> >
>> > Steve KD1JV
>> >
>> > - one guy, working alone, often late at night and blurry eyed...
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > Yahoo! Groups Links
>> >
>> >
>> >
>>
>

1331. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2010-03-03 18:47:14 UTC
From: pfr3_group@yahoogroups.com
Topic: 121 Message: 1331

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /PFR-3A manual.pdf
Uploaded by : kd1jv <steve.kd1jv@...>
Description : Updated 3/2/10

You can access this file at the URL:
http://groups.yahoo.com/group/pfr3_group/files/PFR-3A%20manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

kd1jv <steve.kd1jv@...>

1332. Re: Would really like to order a PFR-3, however I have the following concerns.

Yahoo group: pfr3_group
Date: 2010-03-03 23:19:56 UTC
From: RichardU
Topic: 1314 Message: 1332

thank you
Rich NF8V

1333. 78L05

Yahoo group: pfr3_group
Date: 2010-03-04 01:19:23 UTC
From: RichardU
Topic: 1333 Message: 1333

78L05 is listed as mounting in U9 in the text on page six of the instructions but is U5 in the diagram and on the board.
Rich NF8V

1334. Re: [pfr3_group] 78L05

Yahoo group: pfr3_group
Date: 2010-03-04 03:25:47 UTC
From: Steve Miller
Topic: 1333 Message: 1334

Take a look at the schematic.

At 07:19 PM 3/3/2010, you wrote:

78L05 is listed as mounting in U9 in the text on page six of the instructions but is U5 in the diagram and on the board.
Rich NF8V

1335. group 1 smoke test page 7

Yahoo group: pfr3_group
Date: 2010-03-05 21:49:59 UTC
From: RichardU
Topic: 1335 Message: 1335

Testing the dds chip?
the led seems to work fine.
I tune my Icom 756 Pro II to the 2.115
Hold a lead over the DDS chip and dont hear anything in any mode on the ICOM.
??

I botched the u8 install by installing the socket upside down.
Look like hell after it was all done. I installed a new socket and had a few trace issues to bridge.
I may have shorted the 74ACO2 IC. Now when I have it in the circut my group 1 assembly acts like it should. I put it back in and I just get a lite flicker on one of the zeros. Im in a holding pattern till I can get some help. Ill try to get a couple pictures. its pretty ugly.

thank you all
73 Rich Ullery NF8V Toledo.

1336. Re: [pfr3_group] group 1 smoke test page 7

Yahoo group: pfr3_group
Date: 2010-03-05 22:11:17 UTC
From: sigcom@juno.com
Topic: 1335 Message: 1336

Rich,

With U8 out of the socket, does the LED display indicate normally? Even with U8 out of socket you should be able to hear the 2.115 in your external receiver because U8 is only functional in the transmit RF signal path.

If the LED display malfunctions with U8 in the socket, it is probably shorted and pulling down the +5V regulated supply line.

Best of luck with the troubleshooting.

73.......Steve Smith WB6TNL

---------- Original Message ----------

Testing the dds chip?
the led seems to work fine.
I tune my Icom 756 Pro II to the 2.115
Hold a lead over the DDS chip and dont hear anything in any mode on the ICOM.
??

I botched the u8 install by installing the socket upside down.
Look like hell after it was all done. I installed a new socket and had a few trace issues to bridge.
I may have shorted the 74ACO2 IC. Now when I have it in the circut my group 1 assembly acts like it should. I put it back in and I just get a lite flicker on one of the zeros. Im in a holding pattern till I can get some help. Ill try to get a couple pictures. its pretty ugly.

thank you all
73 Rich Ullery NF8V Toledo.

Yahoo! Groups Links

1337. Re: [pfr3_group] group 1 smoke test page 7

Yahoo group: pfr3_group
Date: 2010-03-05 22:22:09 UTC
From: sigcom@juno.com
Topic: 1335 Message: 1337

Correction to my last: "2.115" should read "11.9452 MHz (+/- 1 kHz)" per the last line on Page 7 in the latest two manuals (12/21/09 and 03/01/10). Steve changed the injection to high-side in the PFR-3A.

73.......Steve Smith WB6TNL

---------- Original Message ----------

With U8 out of the socket, does the LED display indicate normally? Even with U8 out of socket you should be able to hear the 2.115 in your external receiver because U8 is only functional in the transmit RF signal path.

If the LED display malfunctions with U8 in the socket, it is probably shorted and pulling down the +5V regulated supply line.

Best of luck with the troubleshooting.

73.......Steve Smith WB6TNL

---------- Original Message ----------

Testing the dds chip?
the led seems to work fine.
I tune my Icom 756 Pro II to the 2.115
Hold a lead over the DDS chip and dont hear anything in any mode on the ICOM.
??

I botched the u8 install by installing the socket upside down.
Look like hell after it was all done. I installed a new socket and had a few trace issues to bridge.
I may have shorted the 74ACO2 IC. Now when I have it in the circut my group 1 assembly acts like it should. I put it back in and I just get a lite flicker on one of the zeros. Im in a holding pattern till I can get some help. Ill try to get a couple pictures. its pretty ugly.

thank you all
73 Rich Ullery NF8V Toledo.

Yahoo! Groups Links

1338. Re: group 1 smoke test page 7

Yahoo group: pfr3_group
Date: 2010-03-05 23:13:07 UTC
From: RichardU
Topic: 1335 Message: 1338

OK I hear it at 11.945.2.
ZBoth with the u8 chip in and out.
I does not seem to have a problem with the led like it did.
Im going to walk away for a couple hours and see if it is still working.
I love this list.
thank you
Rich NF8V

--- In pfr3_group@yahoogroups.com, "sigcom@..." <sigcom@...> wrote:
>
> Correction to my last: "2.115" should read "11.9452 MHz (+/- 1 kHz)" per the last line on Page 7 in the latest two manuals (12/21/09 and 03/01/10). Steve changed the injection to high-side in the PFR-3A.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
>
>
> With U8 out of the socket, does the LED display indicate normally? Even with U8 out of socket you should be able to hear the 2.115 in your external receiver because U8 is only functional in the transmit RF signal path.
>
> If the LED display malfunctions with U8 in the socket, it is probably shorted and pulling down the +5V regulated supply line.
>
> Best of luck with the troubleshooting.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
>
>
> Testing the dds chip?
> the led seems to work fine.
> I tune my Icom 756 Pro II to the 2.115
> Hold a lead over the DDS chip and dont hear anything in any mode on the ICOM.
> ??
>
> I botched the u8 install by installing the socket upside down.
> Look like hell after it was all done. I installed a new socket and had a few trace issues to bridge.
> I may have shorted the 74ACO2 IC. Now when I have it in the circut my group 1 assembly acts like it should. I put it back in and I just get a lite flicker on one of the zeros. Im in a holding pattern till I can get some help. Ill try to get a couple pictures. its pretty

ugly.
>
> thank you all
> 73 Rich Ullery NF8V Toledo.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

1339. Mouser Part No. for C22/C23 (.01uf film cap.)

Yahoo group: pfr3_group
Date: 2010-03-06 14:12:22 UTC
From: w1kbx
Topic: 1339 Message: 1339

My mistake, I mounted the C22/C23 tall film caps. on top of the board and not on bottom as the manual suggested. The leads are now clipped and won't mount correctly on the bottom of board.

I am preparing a Mouser order for other parts, so will get a couple of replacements with that order.

Mouser has several choices for .01 uf film capacators. Does anyone know a good substitute Mouser Part no. for C22/C23?

Thanks,
Dan W1KBX

1340. Mouser Part No. for C22/C23 (.01uf film cap.)

Yahoo group: pfr3_group
Date: 2010-03-06 19:11:56 UTC
From: Steven Weber
Topic: 1339 Message: 1340

You want the sub-mini type Mouser 140-PM2A103K

Of course, you might be able to tack some extra leads to the ones you have and make them work, or the leads might actually still be long enough of bent real close the the molding.

Steve KD1JV

1341. pfr3a charge resistor

Yahoo group: pfr3_group
Date: 2010-03-06 20:31:41 UTC
From: k8ar
Topic: 1341 Message: 1341

I am building the charger and voltage controller next for my pfr3a. Can anyone give me a value for the resistor. I am using 2900 ma nimh batteries. Tnx in advance. My pfr is all over Europe and the states from here in Florida on a inverted vee. Ben k8ar

1342. Mouser replacement for C16 (30pf trimmer cap.)

Yahoo group: pfr3_group
Date: 2010-03-06 21:41:58 UTC
From: w1kbx
Topic: 1342 Message: 1342

I may have damaged C16, the BFO trimmer cap., when removing it from the front of the board. I saw there was an outline for it on the front, but the manual says to mount on the rear. I should have RTFM.

I want to order a replacement from Mouser along with some other parts. Does anyone know of a good substitution Mouser Part no. ?

Thanks,
Dan W1KBX

1343. Mouser replacement for C16 (30pf trimmer cap.)

Yahoo group: pfr3_group
Date: 2010-03-06 22:06:40 UTC
From: Steven Weber
Topic: 1342 Message: 1343

That particular cap has been discontinued and no longer available. Don't know of sub number off hand. Search Mouser for trimmer capacitors and a list will come up, pick something similer, 30 pfd top adjust.

KD1JV

1344. Re: Mouser replacement for C16 (30pf trimmer cap.)

Yahoo group: pfr3_group
Date: 2010-03-07 15:50:14 UTC
From: w1kbx
Topic: 1342 Message: 1344

Steve,

Thanks for the update.

I ended up ordering Mouser Parts #659-GKG30015 and #24AA023. One of these should work.

Dan W1KBX

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> That particular cap has been discontinued and no longer available. Don't
> know of sub number off hand. Search Mouser for trimmer capacitors and a list
> will come up, pick something similer, 30 pfd top adjust.
>
> KD1JV
>

1345. Parts

Yahoo group: pfr3_group
Date: 2010-03-08 00:31:08 UTC
From: Jim Lasley
Topic: 1345 Message: 1345

I emailed someone a couple of months ago and was promised a part. The black binding post was manufactured incorrectly, the holding nut will not tighten. To whom did I send the email? Or... I have not received the part. Thanks.

73 de
Jim Lasley, NØJL, A1-Op
n0jl<at>yahoo.com; n0jl<at>arrl.org
n0jl<at>arrl.net; ARRL Life Member;
QCWA Life Member, 24811;
SKCC Life Member, 2079T;
FISTS 13917, CC 2065; NAQCC Life Member, 2429;
FP Life Member, 2054; NRA Life Member; CWOps, 320.
Did you ever see so much signature that didn't say anything?

1346. Group 2 Smoke Test - Receive Problems???

Yahoo group: pfr3_group
Date: 2010-03-08 02:03:41 UTC
From: w1kbx
Topic: 1346 Message: 1346

I ran the Group 2 Smoke test and things work ok. I can hear the side tone from the keyer with plenty of volume, the Menu buttons responds and I can change frequencies with the buttons.

The problem that I am having is that the signals coming through 40m are very faint even with the volume all the way up. I connected a piece of wire to the Q2 side of R1 and adjusted C1/C2 for maximum noise. I left the screws on the back side of C1/C2 in the factory settings.

Any ideas what could be wrong?

Dan W1KBX

1347. RE: [pfr3_group] Group 2 Smoke Test - Receive Problems???

Yahoo group: pfr3_group
Date: 2010-03-08 03:16:20 UTC
From: Dale Putnam
Topic: 1346 Message: 1347

Hi Dan,

Many times the rx will suffer, if the leads from L8 and L9 are not tinned well. Or if the leads of T1 happen to not be correct, the rx will suffer on all bands... common problem with T1 is the leads hop into the wrong spots on the board.

Good luck, it's worth it,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: simonz1997@...
Date: Mon, 8 Mar 2010 02:03:41 +0000
Subject: [pfr3_group] Group 2 Smoke Test - Receive Problems???

I ran the Group 2 Smoke test and things work ok. I can hear the side tone from the keyer with plenty of volume, the Menu buttons responds and I can change frequencies with the buttons.

The problem that I am having is that the signals coming through 40m are very faint even with the volume all the way up. I connected a piece of wire to the Q2 side of R1 and adjusted C1/C2 for maximum noise. I left the screws on the back side of C1/C2 in the factory settings.

Any ideas what could be wrong?

Dan W1KBX

_____
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt.com/GBL/go/201469227/direct/01/

1348. Re: Group 2 Smoke Test - Receive Problems???

Yahoo group: pfr3_group
Date: 2010-03-08 13:42:09 UTC
From: w1kbx
Topic: 1346 Message: 1348

Problem solved! It helps to listen when there is activity :) I peaked the plates on the back of C1/C2 and listened this morning. I can hear activity on 40m. I did BFO/sidetone adjustment and it sounds nice.

So, now on to Group 3 ...
Dan W1KBX

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Dan,
>
> Many times the rx will suffer, if the leads from L8 and L9 are not tinned well. Or if the leads of T1 happen to not be correct, the rx will suffer on all bands... common problem with T1 is the leads hop into the wrong spots on the board.
>
> Good luck, it's worth it,
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: simonz1997@...
> Date: Mon, 8 Mar 2010 02:03:41 +0000
> Subject: [pfr3_group] Group 2 Smoke Test - Receive Problems???
>
>
>
>
>
> I ran the Group 2 Smoke test and things work ok. I can hear the side tone from the keyer with plenty of volume, the Menu buttons responds and I can change frequencies with the buttons.
>
> The problem that I am having is that the signals coming through 40m are very faint even with the volume all the way up. I connected a piece of wire to the Q2 side of R1 and adjusted C1/C2 for maximum noise. I left the screws on the back side of C1/C2 in the factory settings.
>
> Any ideas what could be wrong?
>
> Dan W1KBX

>
>
>
>
>
> _____
> Hotmail: Trusted email with powerful SPAM protection.
> http://clk.atdmt.com/GBL/go/201469227/direct/01/
>

1349. Re: Parts

Yahoo group: pfr3_group
Date: 2010-03-09 14:26:39 UTC
From: RichardU
Topic: 1345 Message: 1349

Dont feel to bad, I still dont have my internal battery holder I was told I would be sent.
NF8V Rich
--- In pfr3_group@yahoogroups.com, Jim Lasley <n0jl@...> wrote:
>
> I emailed someone a couple of months ago and was promised a part. The black binding post was manufactured incorrectly, the holding nut will not tighten. To whom did I send the email? Or... I have not received the part. Thanks.
>
> 73 de
> Jim Lasley, NØJL, A1-Op
> n0jl<at>yahoo.com; n0jl<at>arrl.org
> n0jl<at>arrl.net; ARRL Life Member;
> QCWA Life Member, 24811;
> SKCC Life Member, 2079T;
> FISTS 13917, CC 2065; NAQCC Life Member, 2429;
> FP Life Member, 2054; NRA Life Member; CWOps, 320.
> Did you ever see so much signature that didn't say anything?
>

1350. wire question.

Yahoo group: pfr3_group
Date: 2010-03-09 19:37:14 UTC
From: RichardU
Topic: 1350 Message: 1350

Isnt it the biger the number the smaller the wire, I need a refresher.
Rich NF8V

1351. RE: [pfr3_group] wire question.

Yahoo group: pfr3_group
Date: 2010-03-09 19:47:16 UTC
From: John McMichael
Topic: 1350 Message: 1351

Correct. Just remember that #12 wire is used for house wiring and #30 wire is used in radios.

To: pfr3_group@yahoogroups.com
From: rich.ullery@gmail.com
Date: Tue, 9 Mar 2010 19:37:14 +0000
Subject: [pfr3_group] wire question.

Isnt it the biger the number the smaller the wire, I need a refresher.
Rich NF8V

_____
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt.com/GBL/go/201469227/direct/01/

1352. R48 missing

Yahoo group: pfr3_group
Date: 2010-03-09 12:34:55 UTC
From: w1kbx
Topic: 1352 Message: 1352

Anybody notice that the build instructions calls for 2 470 ohm resistors, R3 and R48, but the parts manifest only includes 1?

So, I am short a 470 ohm resistor for R48, but I have a 1k resistor left over. Would a 1k resistor work in place of the 470 ohm in R48?

Dan W1KBX

1353. Re: [pfr3_group] R48 missing

Yahoo group: pfr3_group
Date: 2010-03-09 20:07:24 UTC
From: w8oey@aol.com
Topic: 1352 Message: 1353

Dan, Just got in the house from Radio Shack. Bought a 470 ohm resistor to finish up the SWR bridge & BLT circuit. I, too, was short the 470 ohm resistor. Now to wind T3 and I think we will be on the home stretch.
Charlie, W8OEY

-----Original Message-----
From: w1kbx <simonz1997@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Mar 9, 2010 7:34 am
Subject: [pfr3_group] R48 missing

Anybody notice that the build instructions calls for 2 470 ohm resistors, R3 and R48, but the parts manifest only includes 1?

So, I am short a 470 ohm resistor for R48, but I have a 1k resistor left over. Would a 1k resistor work in place of the 470 ohm in R48?

Dan W1KBX

1354. Re: R48 missing

Yahoo group: pfr3_group
Date: 2010-03-09 21:21:10 UTC
From: w1kbx
Topic: 1352 Message: 1354

Hi Charley,

We are on the same page. I also just got back from Radio Shack to get the 470 ohm resistor. I've read and reread the T3 instructions and will tackle that one in the morning. On paper, T3 seems easier than T1 which was difficult.

Did you get a battery holder with your PFR-3A kit? I didn't.

Dan W1KBX

--- In pfr3_group@yahoogroups.com, w8oey@... wrote:
>
>
>
> Dan, Just got in the house from Radio Shack. Bought a 470 ohm resistor to finish up the SWR bridge & BLT circuit. I, too, was short the 470 ohm resistor. Now to wind T3 and I think we will be on the home stretch.
> Charlie, W8OEY
>
>
>
> -----Original Message-----
> From: w1kbx simonz1997@...
> To: pfr3_group@yahoogroups.com
> Sent: Tue, Mar 9, 2010 7:34 am
> Subject: [pfr3_group] R48 missing
>
> Â Anybody notice that the build instructions calls for 2 470 ohm resistors, R3 and R48, but the parts manifest only includes 1?
>
> So, I am short a 470 ohm resistor for R48, but I have a 1k resistor left over. Would a 1k resistor work in place of the 470 ohm in R48?
>
> Dan W1KBX
>

1355. Re: [pfr3_group] Re: R48 missing

Yahoo group: pfr3_group
Date: 2010-03-09 23:00:55 UTC
From: Steve Miller
Topic: 1352 Message: 1355

You're the second one in recent days to report
that you didn't get the battery holders(2) for
your PFR-3A. Contact Doug ki6ds@... and
he'll get you fixed up. Whoever did the PFR-3A
kitting this time must have been new at it or
tired. The kit I built for a friend had a bunch
of extra parts in it but fortunately all of the
right parts were there, too. Steve

At 03:21 PM 3/9/2010, you wrote:
>
>
>Hi Charley,
>
>We are on the same page. I also just got back
>from Radio Shack to get the 470 ohm resistor.
>I've read and reread the T3 instructions and
>will tackle that one in the morning. On paper,
>T3 seems easier than T1 which was difficult.
>
>Did you get a battery holder with your PFR-3A kit? I didn't.
>
>Dan W1KBX
>
>--- In
><mailto:pfr3_group%40yahoogroups.com>pfr3_group@yahoogroups.com,
>w8oey@... wrote:
> >
> >
> >
> > Dan, Just got in the house from Radio Shack.
> Bought a 470 ohm resistor to finish up the SWR
> bridge & BLT circuit. I, too, was short the 470
> ohm resistor. Now to wind T3 and I think we will be on the home stretch.
> > Charlie, W8OEY
> >
> >
> >
> > -----Original Message-----
> > From: w1kbx simonz1997@...
> > To: <mailto:pfr3_group%40yahoogroups.com>pfr3_group@yahoogroups.com
> > Sent: Tue, Mar 9, 2010 7:34 am
> > Subject: [pfr3_group] R48 missing
> >
> > Â Anybody notice that the build instructions

> calls for 2 470 ohm resistors, R3 and R48, but
> the parts manifest only includes 1?
> >
> > So, I am short a 470 ohm resistor for R48,
> but I have a 1k resistor left over. Would a 1k
> resistor work in place of the 470 ohm in R48?
> >
> > Dan W1KBX
> >
>
>

1356. BATTERY HOLDER

Yahoo group: pfr3_group
Date: 2010-03-09 23:28:15 UTC
From: charles
Topic: 1356 Message: 1356
Attachments: 2 described; binary payloads are missing from this source WARC

Dan,

Did not receive battery holder. E mailed Doug and requested it.

Charlie

1357. Re: R48 missing

Yahoo group: pfr3_group
Date: 2010-03-09 22:46:17 UTC
From: Steven Weber
Topic: 1352 Message: 1357

Humm, another little detail to correct - I though I was done with these!

R48 was changed to 1K because a number of guys complained the SWR LED was too bright and too sensitive. But apparently that change never got past the parts list!

KD1JV

1358. Re: [pfr3_group] Re: Parts

Yahoo group: pfr3_group
Date: 2010-03-10 01:08:07 UTC
From: BILL KELLEY
Topic: 1345 Message: 1358

Good luck getting ur parts, gave up and ordered from Mouser.

Bill AB4KH

From: RichardU <rich.ullery@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, March 9, 2010 9:26:39 AM
Subject: [pfr3_group] Re: Parts

Dont feel to bad, I still dont have my internal battery holder I was told I would be sent.
NF8V Rich
--- In pfr3_group@yahoogro ups.com, Jim Lasley <n0jl@...> wrote:
>
> I emailed someone a couple of months ago and was promised a part. The black binding post was manufactured incorrectly, the holding nut will not tighten. To whom did I send the email? Or... I have not received the part. Thanks.
>
> 73 de
> Jim Lasley, NØJL, A1-Op
> n0jl<at>yahoo. com; n0jl<at>arrl. org
> n0jl<at>arrl. net; ARRL Life Member;
> QCWA Life Member, 24811;
> SKCC Life Member, 2079T;
> FISTS 13917, CC 2065; NAQCC Life Member, 2429;
> FP Life Member, 2054; NRA Life Member; CWOps, 320.
> Did you ever see so much signature that didn't say anything?
>

1359. R48 missing

Yahoo group: pfr3_group
Date: 2010-03-10 03:00:39 UTC
From: Steven Weber
Topic: 1352 Message: 1359

I think I already said that R48 was changed to 1K but it never got changed anywhere but on the parts list! Yes, use the 1K instead.

KD1JV

1360. Missing Battery Cases in 10 kits

Yahoo group: pfr3_group
Date: 2010-03-10 06:10:58 UTC
From: KI6DS
Topic: 1360 Message: 1360

It looks like I failed to put the battery cases in a run of 10 kits. Please check your PFR3A kit and if you did not get battery cases, please send an email to:

ki6ds@...

Sorry about the mistake guys. My fault. Doug, KI6DS

1361. Missing Parts

Yahoo group: pfr3_group
Date: 2010-03-10 06:14:10 UTC
From: KI6DS
Topic: 1361 Message: 1361

Guys if you are missing any parts from your kits, please send me an email. I try to get all parts requests sent out, but I do miss one once in a while. I thank you for your patience.

Here is the email address:

ki6ds@qrpkits.com

Please put missing parts in the subject line. Doug

1362. Worked K4T, Dry Tortugas w/PFR-3

Yahoo group: pfr3_group
Date: 2010-03-12 23:11:18 UTC
From: chaucer2525
Topic: 1362 Message: 1362

Hi all,

Worked K4T, Dry Tortugas, Grid Square EL-84, Island NA-079, a few minutes ago on 30M. He's on 10107.9, listening up ! KHz. Used my PFR-3 - what a great little rig it is!

72/73,
Cal K4JSI

1363. Re: Worked K4T, Dry Tortugas w/PFR-3

Yahoo group: pfr3_group
Date: 2010-03-12 23:39:59 UTC
From: Rich
Topic: 1362 Message: 1363

Ya dirty dog!
I'm jealous.
Rich NF8V

1364. Coils

Yahoo group: pfr3_group
Date: 2010-03-13 14:25:18 UTC
From: Rich
Topic: 1364 Message: 1364

God! REALLY HATE WINDING COILS!
I have spent 2 hours on my L1 should be 40 turns.
Every time I lose count. when I do mske around sometimes it 37 and sometimes it and sometimes 36. I really appreciate the photos in the picture area. I think it helping. Now I can get past 20 in the count (grin).
I had to take a break and vent.
Good am or pm wherever you are.

Rich NF8V

1365. Re: [pfr3_group] Coils

Yahoo group: pfr3_group
Date: 2010-03-13 15:56:04 UTC
From: Steve Miller
Topic: 1364 Message: 1365

Rich,

Yes, it's easy to lose count. Put your
toroid on a scanner, do the scan, enlarge the
picture, then count the turns. I use a dental
pic, a throw away gift of my local
dentist. When that fails, I scan it. I'm sure
there are other good ways to do it. Steve

At 08:25 AM 3/13/2010, you wrote:
>
>
>God! REALLY HATE WINDING COILS!
>I have spent 2 hours on my L1 should be 40 turns.
>Every time I lose count. when I do mske around
>sometimes it 37 and sometimes it and sometimes
>36. I really appreciate the photos in the
>picture area. I think it helping. Now I can get past 20 in the count (grin).
>I had to take a break and vent.
>Good am or pm wherever you are.
>
>Rich NF8V
>
>

1366. Coils

Yahoo group: pfr3_group
Date: 2010-03-13 16:59:16 UTC
From: Steven Weber
Topic: 1364 Message: 1366

Well, the exact number of turns on T1 and L1 are not especially critical, being off a couple of turns too few or too many isn't going to make a noticable difference there.

However, you DO need to make sure you have the specified number of turns on the Low Pass Filter coils, but those use less turns so easier to count and keep track of.

KD1JV

1367. Upside down U11

Yahoo group: pfr3_group
Date: 2010-03-13 17:12:32 UTC
From: Larry Makoski
Topic: 1364 Message: 1367

Steve,

I replaced the upside down clock oscillator chip, with a new one that
Dan Tayloe had sent. Voltages are now correct; but still no receive.
Do you think anything else could have gotten damaged by U11 having been
installed backwards at the "factory"?

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

1368. Coils

Yahoo group: pfr3_group
Date: 2010-03-13 23:53:45 UTC
From: peter mudgett
Topic: 1364 Message: 1368

What worked for me for the high count turns was to stop at half the count, check the number of turns actually made and if correct squeeze the turns close together and place a small tape on the completed turns as a marker. Then finish the winding. When done, I checked the two halves for count. For more turns I probably would break into thirds.

Peter, KB1PBA

1369. Re: Coils

Yahoo group: pfr3_group
Date: 2010-03-14 13:11:08 UTC
From: Rich
Topic: 1364 Message: 1369

Oh thank you all for your support and Ideas.

Im tring a couple of them now and they are both very helpful.

If I can get the hang of this I will be spend my ham money on kits since I have a pro II and freshly rebuilt TS-520.

73/72
Rich NF8V

1370. Re: [pfr3_group] Coils

Yahoo group: pfr3_group
Date: 2010-03-14 18:38:36 UTC
From: BILL KELLEY
Topic: 1364 Message: 1370

If you have a digital camera, take a pic., then enlarge the photo while in the camera. Makes counting turns easy.

Bill AB4KH

_____
From: peter mudgett <psmudgett@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, March 13, 2010 6:53:45 PM
Subject: [pfr3_group] Coils

What worked for me for the high count turns was to stop at half the count, check the number of turns actually made and if correct squeeze the turns close together and place a small tape on the completed turns as a marker. Then finish the winding. When done, I checked the two halves for count. For more turns I probably would break into thirds.

Peter, KB1PBA

1371. Re: Upside down U11

Yahoo group: pfr3_group
Date: 2010-03-14 19:03:57 UTC
From: w2lj@verizon.net
Topic: 1364 Message: 1371

Got a reply from Steve advising me to re-check the solder connections to U11, as they can be tricky.

"The Designer" was correct, as usual! This afternoon, I am receiving the very sweet tones of 40 Meters in my headphones from my PFR3A.

Thanks to Steve KD1JV for his guidance, to Dan Tayloe N7VE for supplying me with the new U11; and to my friend Bob W3BBO for his encouragement.

73 de Larry W2LJ

1372. Re: [pfr3_group] Re: Upside down U11

Yahoo group: pfr3_group
Date: 2010-03-14 19:21:32 UTC
From: KB9BVN
Topic: 1364 Message: 1372

Larry

I for one am excited for you! I'm glad this has all worked out. I have a couple more pelfs to sell off and then I will order a PFR for the mobilization of KB9BVN.

73

----- Original Message -----
From: <w2lj@...>
To: <pfr3_group@yahoogroups.com>
Sent: Sunday, March 14, 2010 3:03 PM
Subject: [pfr3_group] Re: Upside down U11

> Got a reply from Steve advising me to re-check the solder connections to
> U11, as they can be tricky.
>
> "The Designer" was correct, as usual! This afternoon, I am receiving the
> very sweet tones of 40 Meters in my headphones from my PFR3A.
>
> Thanks to Steve KD1JV for his guidance, to Dan Tayloe N7VE for supplying
> me with the new U11; and to my friend Bob W3BBO for his encouragement.
>
> 73 de Larry W2LJ
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

1373. Re: [pfr3_group] Re: Upside down U11

Yahoo group: pfr3_group
Date: 2010-03-14 21:39:12 UTC
From: Larry Makoski
Topic: 1364 Message: 1373

KB9BVN wrote:
>
>
> Larry
>
> I for one am excited for you! I'm glad this has all worked out. I have a
> couple more pelfs to sell off and then I will order a PFR for the
> mobilization of KB9BVN.
>
> 73
>
Thanks, Brian!

From here on out I am hoping for smooth sailing.

73 de Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

1374. PFR3 Firmware

Yahoo group: pfr3_group
Date: 2010-03-15 12:36:36 UTC
From: esteve_ll2000
Topic: 1374 Message: 1374

Hello,

I do not usually write in the group but always looking the group and photos.

I really enjoy my outdoor activities with the PFR3 but can see a few things with the firmware.

Sometimes when want to go up or down in the band the display change info and put other band then back to the right one.

Also with the keyer memory sometimes bad transmision of characters.

Yesterday the paddle do not want to transmit.

This are minor errors but like to know if there is a new firmware version for this nice radio.

I upload a few photos of my last sunday activity from the beach in the photos area.

Thanks,

72, Esteve EB3EPR

1375. RE: [pfr3_group] PFR3 Firmware

Yahoo group: pfr3_group
Date: 2010-03-15 13:13:19 UTC
From: OK1DDQ
Topic: 1374 Message: 1375

Hello,

I have similar experience like Esteve. I have PFR3 (not PFR3A) and when temperature falls below zero, The VFO don't start and display stay blank on position band switch 40 and 30m. I have to switch it to 20 m and then starts VFO and display and now I can come back to 40 m, PFR3 works well. Sometimes in lower temperatures is temporally CW broken.

Thank for you answer.

Jirka OK1DDQ

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of esteve_ll2000
Sent: Monday, March 15, 2010 1:37 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3 Firmware

Hello,

I do not usually write in the group but always looking the group and photos.

I really enjoy my outdoor activities with the PFR3 but can see a few things with the firmware.

Sometimes when want to go up or down in the band the display change info and put other band then back to the right one.

Also with the keyer memory sometimes bad transmision of characters.

Yesterday the paddle do not want to transmit.

This are minor errors but like to know if there is a new firmware version for this nice radio.

I upload a few photos of my last sunday activity from the beach in the photos area.

Thanks,

72, Esteve EB3EPR

_____ Informace od ESET NOD32 Antivirus, verze databaze 4945 (20100315) _____

Tuto zpravu proveril ESET NOD32 Antivirus.

http://www.eset.cz

1376. firmware

Yahoo group: pfr3_group
Date: 2010-03-15 13:53:29 UTC
From: k8ar
Topic: 1376 Message: 1376

I noticed the same thing. Sometimes, not always, when I send a programmed cq it will mess up with one or two character in the message. Also at least when I am on twenty the display will suddenly change to 40 then back to 20 all in the space of 1 or 2 seconds. Doesn't really bother but there does seem to be a glitch there somewhere. Ben k8ar

1377. PFR3 Firmware

Yahoo group: pfr3_group
Date: 2010-03-15 15:27:51 UTC
From: Steven Weber
Topic: 1374 Message: 1377

There is a firmware update which will fix the occasional glitch in the message sending. A timer interupt can occasionally happen when the next Morse word to be send is being fetched from memory and becomes corupted.

The other problem with it suddenly changing bands when tuning is usually solved by doing a modificiation to the circuit board. The track connecting +5 volts to pin 21 needs to be cut and the 5V moved to pin 20. On the PFR-3A, this pin is connected correctly.

I do not know why the paddle input would stop working. That should never happen.

Steve KD1JV

1378. Re: PFR3 Firmware

Yahoo group: pfr3_group
Date: 2010-03-15 17:18:43 UTC
From: esteve_ll2000
Topic: 1374 Message: 1378

Hi Steve,

Where can I find the new firmware???

73, Esteve EB3EPR

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> There is a firmware update which will fix the occasional glitch in the
> message sending. A timer interupt can occasionally happen when the next
> Morse word to be send is being fetched from memory and becomes corupted.
>
> The other problem with it suddenly changing bands when tuning is usually
> solved by doing a modificiation to the circuit board. The track connecting
> +5 volts to pin 21 needs to be cut and the 5V moved to pin 20. On the
> PFR-3A, this pin is connected correctly.
>
> I do not know why the paddle input would stop working. That should never
> happen.
>
> Steve KD1JV
>

1379. Re: wire question.

Yahoo group: pfr3_group
Date: 2010-03-15 20:00:09 UTC
From: Rich
Topic: 1350 Message: 1379

thanks john. good analogy, Ill remember now.
Rich NF8V

1380. Re: Coils

Yahoo group: pfr3_group
Date: 2010-03-17 01:15:34 UTC
From: Louis
Topic: 1364 Message: 1380

Put 40 MMs on a plate, each time thru the core have your significant other toss one in your mouth.

Lou W0TQ

--- In pfr3_group@yahoogroups.com, "Rich" <nf8v@...> wrote:
>
> God! REALLY HATE WINDING COILS!
> I have spent 2 hours on my L1 should be 40 turns.
> Every time I lose count. when I do mske around sometimes it 37 and sometimes it and sometimes 36. I really appreciate the photos in the picture area. I think it helping. Now I can get past 20 in the count (grin).
> I had to take a break and vent.
> Good am or pm wherever you are.
>
> Rich NF8V
>

1381. Re: Coils

Yahoo group: pfr3_group
Date: 2010-03-17 01:17:35 UTC
From: Louis
Topic: 1364 Message: 1381

Put 40 MMs on a plate, each time thru the core have your significant other toss one in your mouth.

Lou W0TQ

--- In pfr3_group@yahoogroups.com, "Rich" <nf8v@...> wrote:
>
> God! REALLY HATE WINDING COILS!
> I have spent 2 hours on my L1 should be 40 turns.
> Every time I lose count. when I do mske around sometimes it 37 and sometimes it and sometimes 36. I really appreciate the photos in the picture area. I think it helping. Now I can get past 20 in the count (grin).
> I had to take a break and vent.
> Good am or pm wherever you are.
>
> Rich NF8V
>

1382. RE: [pfr3_group] Re: Coils

Yahoo group: pfr3_group
Date: 2010-03-17 01:41:10 UTC
From: Dale Putnam
Topic: 1364 Message: 1382

Now that is what I call good thinkin Lou... New one to me.. and a great idea to keep track...

Now.. where'd I put them MMs....

--... ...-- Dale - WC7S in Wy

Put 40 MMs on a plate, each time thru the core have your significant other toss one in your mouth.

Lou W0TQ

_____
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt.com/GBL/go/210850553/direct/01/

1383. Re: Coils

Yahoo group: pfr3_group
Date: 2010-03-17 13:38:42 UTC
From: Donald McBride
Topic: 1364 Message: 1383

Oh, so THAT'S the secret, Lou?
I knew that sipping on an 807 with each turn of the toroid was not working out very well.
<Grin>
Will have to try the M & Ms instead.
... Don K3RLL/4 - still enjoying my PFR3 (orig)

<http://groups.yahoo.com/group/pfr3_group/message/1380;_ylc=X3oDMTJyOW5pMjg5BF9TAzk3MzU5NzE1BGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMzgwBHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzEyNjg4MzA2NzA-> Re: Coils

Posted by: "Louis" <mailto:w0tq@...?Subject= Re%3A%20Coils>
w0tq@... <http://profiles.yahoo.com/lou_harken> lou_harken

Tue Mar 16, 2010 6:15 pm (PDT)

Put 40 MMs on a plate, each time thru the core have your significant other toss one in your mouth.
Lou W0TQ

1384. Thanks Doug!

Yahoo group: pfr3_group
Date: 2010-03-18 00:53:23 UTC
From: aa5jc
Topic: 1384 Message: 1384

Last Wed. I called Doug and asked him if he had received my order. He said that he had. I explained I was a college instructor and was on spring break beginning Monday of this week and sure would like to be able to work on the kit. Doug replied that he would do his best to get the kit in the mail as soon as he could.

Well the PFR3 showed up by express mail on Monday morning. I know that Doug is very busy and I appreciate his trying to help me.

By today I had the receiver working and calibrated. It really receives well and the filter is great.

Thanks again Doug for all of your and Steve's hard work to provide an great product at a very good price!!

Jerry, AA5JC

1385. Parts and BSI

Yahoo group: pfr3_group
Date: 2010-03-18 18:48:02 UTC
From: Jim Lasley
Topic: 1385 Message: 1385

Thanks, I received the two (2) Battery Status Indicators as well as the binding post that was defective. Thanks.

73 de
Jim Lasley, NØJL, A1-Op
Interim Manager Central Area Net Cy4
n0jl<at>yahoo.com; n0jl<at>arrl.org
n0jl<at>arrl.net; ARRL Life Member;
QCWA Life Member, 24811;
SKCC Life Member, 2079T;
FISTS 13917, CC 2065; NAQCC Life Member, 2429;
FP Life Member, 2054; NRA Life Member; CWOps, 320.
Did you ever see so much signature that didn't say anything?

1386. group 2 smoke test help

Yahoo group: pfr3_group
Date: 2010-03-19 14:30:45 UTC
From: Rich
Topic: 1386 Message: 1386

Hi
I'm up to the # 2 smoke test. I don't have a scope I only have a ATH 30 freq counter. I read the instructions on line for the ATH.
I tried to do the BFO via the calibration. About went deaf.
I tune on my 756 pro turned it down to 5 watts sent some cw.
I have 40 meter Sig's all over the band. I can hear my cw through the pro but I only have receiver hiss and cant hear any other Sig's on the band.
Any ideas would be greatly appreciated.
Rich NF8V

1387. Re: group 2 smoke test help

Yahoo group: pfr3_group
Date: 2010-03-19 14:35:12 UTC
From: Rich
Topic: 1386 Message: 1387

PS to Finnish about my freq counter. I don't know if I can ad a leads or not. Again, No instructions and could not find info on the net.

> Rich NF8V
>

1388. FS PFR-3

Yahoo group: pfr3_group
Date: 2010-03-25 00:46:31 UTC
From: Louis
Topic: 1388 Message: 1388

PFR-3, full assembled and working. Purchased last April, built over the winter.

$200 + 10 shipping. Will ship FedEx or Priority within 24 hrs of payment.

Lou W0TQ

Please email off list w0tq at w0tq dot com

1389. AGC action

Yahoo group: pfr3_group
Date: 2010-03-26 15:18:53 UTC
From: psmudgett@verizon.net
Topic: 1389 Message: 1389

Just finished getting my PFR-3A together. Wow! am I impressed with the nice design, cabinet, and overall kit and performance! My first PCB assembly.

I wonder if AGC is working. For all stations stronger than perhaps S7, I have to detune the RX Peak (a lot) else I get annoying clicks on the tail of the received dots and dashes. Looking at the schematic I see C81 as possibly AGC coupling, but I don't see C81 anywhere in the text or on the PCB.

On another matter, I notice minor descrepancy on schematic vs PCB regarding switches S5 - S9. Note that the power sw is not numbered in text or PCB.

Thanks guys, and 73
Peter, KB1PBA

1390. AGC action

Yahoo group: pfr3_group
Date: 2010-03-27 10:50:27 UTC
From: peter mudgett
Topic: 1389 Message: 1390

Correction ... The clicks are at the start of characters and at faster code speeds just the start of words.

Peter, KB1PBA

1391. AGC action

Yahoo group: pfr3_group
Date: 2010-03-27 17:14:12 UTC
From: Steven Weber
Topic: 1389 Message: 1391

That is the unfortunate side effect of audio derived AGC. It takes a few cycles for it to respond, so those come out full volume and result in the thump. The AGC hang time is a compermise between it holding for a reasonable time, but not so long it delays the QSK swtiching time. So, for strong stations with slow code speed, it will decay enough that it has to start up again at the begining of each word group.

The main reason its in there is to help protect your ears if you have the volume turned up and tune across a strong station.

Steve KD1JV

1392. Test equip.

Yahoo group: pfr3_group
Date: 2010-03-30 18:32:04 UTC
From: Rich
Topic: 1392 Message: 1392

Hi
I just bought a decent freq counter. my Startek did not cover all the hf areas needed. so i sold it to fund a different counter.

I am looking for recommendations on basic oscilloscope's.
I saw on ebay a single trace student scope but it only went up to 2 mhz.

I am looking to learn to use one that would be appropriate for kits and small projects.

Opinions?
Rich NF8V

1393. Test equip.

Yahoo group: pfr3_group
Date: 2010-03-30 19:07:52 UTC
From: Steven Weber
Topic: 1392 Message: 1393

Its hard to beat the old Textronix 465B, which can be had for 150-200 on ebay on a regular basis.

KD1JV

1394. Re: [pfr3_group] Test equip.

Yahoo group: pfr3_group
Date: 2010-03-30 19:15:27 UTC
From: Brian Murrey
Topic: 1392 Message: 1394

Rich,

I bought an old Tek 465B a few years back and it has served me well.
I think it's a 60Mhz scope, dual trace. I've seen these in the price
range of $75 to $150 or so at a lot of hamfests. New probes will run
you about another $35 or so. This is an OLD model...late 1970's
maybe.

I would suggest you not buy anything slower than 60 Mhz...try to find
something at least 100Mhz.

73

On Tue, Mar 30, 2010 at 2:32 PM, Rich <nf8v@...m> wrote:
> Hi
> I just bought a decent freq counter. my Startek did not cover all the hf areas needed.
so i sold it to fund a different counter.
>
> I am looking for recommendations on basic oscilloscope's.
> I saw on ebay a single trace student scope but it only went up to 2 mhz.
>
> I am looking to learn to use one that would be appropriate for kits and small projects.
>
> Opinions?
> Rich NF8V
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
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>

1395. Re: Test equip.

Yahoo group: pfr3_group
Date: 2010-03-31 13:45:11 UTC
From: Rich
Topic: 1392 Message: 1395

Thanks Guys
My hunt starts.
Rich NF8V

--- In pfr3_group@yahoogroups.com, "Rich" <nf8v@...> wrote:
>
> Hi
> I just bought a decent freq counter. my Startek did not cover all the hf areas needed. so i sold it to fund a different counter.
>
> I am looking for recommendations on basic oscilloscope's.
> I saw on ebay a single trace student scope but it only went up to 2 mhz.
>
> I am looking to learn to use one that would be appropriate for kits and small projects.
>
> Opinions?
> Rich NF8V
>

1396. Re: FS PFR-3

Yahoo group: pfr3_group
Date: 2010-04-01 01:10:41 UTC
From: Louis
Topic: 1388 Message: 1396

Sold tnx Lou W0TQ

--- In pfr3_group@yahoogroups.com, "Louis" <w0tq@...> wrote:
>
> PFR-3, full assembled and working. Purchased last April, built over the winter.
>
> $200 + 10 shipping. Will ship FedEx or Priority within 24 hrs of payment.
>
> Lou W0TQ
>
> Please email off list w0tq at w0tq dot com
>

1397. Re: Parts

Yahoo group: pfr3_group
Date: 2010-04-01 01:08:19 UTC
From: Louis
Topic: 1345 Message: 1397

I just bought the missing parts so I could finish it.

--- In pfr3_group@yahoogroups.com, Jim Lasley <n0jl@...> wrote:
>
> I emailed someone a couple of months ago and was promised a part. The black binding post was manufactured incorrectly, the holding nut will not tighten. To whom did I send the email? Or... I have not received the part. Thanks.
>
> 73 de
> Jim Lasley, NØJL, A1-Op
> n0jl<at>yahoo.com; n0jl<at>arrl.org
> n0jl<at>arrl.net; ARRL Life Member;
> QCWA Life Member, 24811;
> SKCC Life Member, 2079T;
> FISTS 13917, CC 2065; NAQCC Life Member, 2429;
> FP Life Member, 2054; NRA Life Member; CWOps, 320.
> Did you ever see so much signature that didn't say anything?
>

1398. Missing parts of the Weber Dual Bander

Yahoo group: pfr3_group
Date: 2010-04-02 11:44:14 UTC
From: t.murata
Topic: 1398 Message: 1398

This year beginning I bought Weber Dual Bander Kits.
There was a lack article when confirming a part by the parts list at the beginning of the construction.
I demanded a lack part to them but it didn't replenish it after 2 months, at last too.
There was part lack (the screw) which is not in the parts list, too.
They have sold a defective product and they can not trust.

72 de JA6UM

1400. you cant fix stupid.

Yahoo group: pfr3_group
Date: 2010-04-02 13:46:13 UTC
From: Rich
Topic: 1400 Message: 1400

Hi
On the first part of the pretest I get 12 volts on 74AC02 (formerly 74HC02). I get 12 volts by all pins except pin 8, It is 11.5 volts??
Is that normal?

Below paragrafs 4 and 5 what am I doing to bring the voltage 12 V to 2.5?

Rich NF8V

Please read the following in the manual on page 11.

Pretests:
Before installing L7, we need to make a few tests first.
☐☐ Install U8, 74HC02
☐☐ Put rig in straight key mode by applying power with dash paddle closed or use straight key. If using paddle, dot paddle will now key the transmitter.
☐☐ Measure the voltage (to ground) on pins 1 and 13 of U8. They should read 0 volts.
☐☐ Key the transmitter and measure the voltage (to ground) on the L7 pad to the right, next to C57. The voltage should be about the same as the supply voltage to the board. If not, check the connections and proper values of R34 and R35. Also check Q5.
☐☐ With the transmitter keyed, check the voltage on pins 1 and 13 of U8 again. These should now read about 2.5 volts. Since these pins now have a square wave at the transmitter frequency on them, exactly how a DVM responds to this signal may depend on the particular DVM used.
☐☐ If all these tests are OK, it is now safe to install L7.

1401. Toledo Ohio??

Yahoo group: pfr3_group
Date: 2010-04-02 13:47:45 UTC
From: Rich
Topic: 1401 Message: 1401

Any body in the Toledo area who could look at what iv done so far?
Rich NF8V

1402. Re: [pfr3_group] Toledo Ohio??

Yahoo group: pfr3_group
Date: 2010-04-02 14:19:49 UTC
From: Joseph Feustle
Topic: 1401 Message: 1402

Hello Rich.

I live in Toledo and successfully built one of the first PFR3s. I'd be glad to try to help you out.

Please contact me off the list at: jafeustle@...

73
Joe, N8JF

On Apr 2, 2010, at 9:47 AM, Rich wrote:

> Any body in the Toledo area who could look at what iv done so far?
> Rich NF8V
>
>

1403. Re: [pfr3_group] you cant fix stupid.

Yahoo group: pfr3_group
Date: 2010-04-02 15:32:21 UTC
From: Steven Weber
Topic: 1400 Message: 1403

If your measuring 12 volts on all the AC02 pins, something is seriously wrong! There should be no more than 5 volts on any of the pins and pin 7 should be at ground, along with several others, I'd have to look up the schematic to see exactly which ones these are. If every thing else is working okay - the display works, ect, then the supply voltage must be okay and you are not using the volt meter correctly or it is not reading correctly.

KD1JV
Hi
On the first part of the pretest I get 12 volts on 74AC02 (formerly 74HC02). I get 12 volts by all pins except pin 8, It is 11.5 volts??
Is that normal?

Below paragrafs 4 and 5 what am I doing to bring the voltage 12 V to 2.5?

Rich NF8V

Please read the following in the manual on page 11.

1404. QRP Kits Customer Service

Yahoo group: pfr3_group
Date: 2010-04-02 19:44:27 UTC
From: Dean Davis
Topic: 1404 Message: 1404

Greetings all,

Just a reminder that Hendricks QRP Kits changes their email addresses several months ago and if you try and send email to the old addresses they will not be bounced back.

On www.qrpkits.com on the main page there is a section on Contact Information for QRP Kits. It has the email addresses for general questions and another for parts.

Dean, N7XG
Hendricks QRP Kits - Webmaster

1405. Re: you cant fix stupid.

Yahoo group: pfr3_group
Date: 2010-04-03 02:45:45 UTC
From: Rich
Topic: 1400 Message: 1405

Hi Steve
everything else is working fine, eccept the reciever, can hardly hear anything. will re-do T1

Going back to the manual Ill address what I did below.

Pretests:
Before installing L7, we need to make a few tests first.
☐☐ Install U8, 74HC02
Iv Done that.

☐☐ Put rig in straight key mode by applying power with dash paddle closed or use straight key. If using paddle, dot paddle will now key the transmitter.
Iv done that.

☐☐ Measure the voltage (to ground) on pins 1 and 13 of U8. They should read 0 volts.
Done and checks ok. 0 volts

☐☐ Key the transmitter and measure the voltage (to ground) on the L7 pad to the right, next to C57.
The voltage should be about the same as the supply voltage to the board. If not, check the connections and proper values of R34 and R35. Also check Q5.

Done. I am keying the xmiter using a 12 volt power supply the instructions say "The voltage should be about the same as the supply voltage to the board." it is.

But Im lost below. What do I do or change to drop the voltage from the supply voltage 12 v down to 2.5 ???? Im sorry, im being dense about this.
Rich NF8V

☐☐ With the transmitter keyed, check the voltage on pins 1 and 13 of U8 again. These should now read about 2.5 volts. Since these pins now have a square wave at the transmitter frequency on them, exactly how a DVM responds to this signal may depend on the particular DVM used.
☐☐ If all these tests are OK, it is now safe to install L7.
--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> If your measuring 12 volts on all the AC02 pins, something is seriously wrong! There should be no more than 5 volts on any of the pins and pin 7 should be at ground, along with several others, I'd have to look up the schematic to see exactly which ones these are. If every thing else is working okay - the display works, ect, then the supply voltage must be okay and you are not using the volt meter correctly or it is not reading correctly.
>
> KD1JV
> Hi
> On the first part of the pretest I get 12 volts on 74AC02 (formerly 74HC02). I get 12 volts by all pins except pin 8, It is 11.5 volts??
> Is that normal?
>

> Below paragrafs 4 and 5 what am I doing to bring the voltage 12 V to 2.5?
>
> Rich NF8V
>
> Please read the following in the manual on page 11.
>

1406. Re: [pfr3_group] Re: you cant fix stupid.

Yahoo group: pfr3_group
Date: 2010-04-03 15:00:06 UTC
From: Steven Weber
Topic: 1400 Message: 1406

But Im lost below. What do I do or change to drop the voltage from the supply voltage 12 v down to 2.5 ???? Im sorry, im being dense about this.
Rich NF8V

You don't have to do anything but key the transmitter. There are two indepenent circuits here. The first step tests the keying of the supply voltage to the drains of the PA FETs. The second test tests the output of the logic gates driving the gates of the PA. The 74AC02 is powered from the 5 volt regulator, not directly from the raw 12 volt supply. Take a look at the schematic.

The voltage on pins 1 and 13 should be 0V when in receive and 2.5 volts in transmit. Those pins measure 2.5 volts because they are now clocking at the transmit frequency and the average voltage is 1/2 the chip supply voltage of 5 volts, or 2.5 volts. However, depending on the kind of meter you have, it might not respond well to the RF voltage on pins 1 and 13. The important thing here is that the voltage is 0 during receive and not a steady 5V during transmit.

KD1JV

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1407. PFR-3A

Yahoo group: pfr3_group
Date: 2010-04-04 02:58:38 UTC
From: wb5qyt
Topic: 1407 Message: 1407

Gang,

I had a blast today working the ARCI QRP contest with my new PFR-3A. This rig is sure fun to use. I'm starting to forget what a pain in the butt those toroids were to wind. I came close to downing an 807 while winding!

72, Tom WB5QYT/QRP

1408. Secret?

Yahoo group: pfr3_group
Date: 2010-04-04 05:14:36 UTC
From: KB9BVN
Topic: 1408 Message: 1408

I have been trying all weekend to setup one of the keyer memories, without much success.

I have an original PFR-3, no matter what I put in memory, or how low or fast, the first 5 or 6 elements are hosed up.

CQ comes out sounding like QC it's like it is missing the first character....everything after CQ CQ CQ DE comes out OK...any secrets?

1409. Re: [pfr3_group] Secret?

Yahoo group: pfr3_group
Date: 2010-04-04 10:54:35 UTC
From: w0ese
Topic: 1408 Message: 1409

I also have an original PFR-3. I can successfully program the memories (just follow the manual, it does usually take me a couple of attempts), but the keyer will randomly mess up (send gibberish). I've just given up on using it because of the annoyance. I reported it/asked about it shortly after I built it and received no response, however I suspect it is a firmware flaw.

Would have been nice if the keyer did work last year for FOBB, but I resulted to just sending my CQ's manually because I had little confidence in it's performance.

-WØESE

----- Original Message -----
From: "KB9BVN" <kb9bvn@...>
To: "pfr3 group" <pfr3_group@yahoogroups.com>
Sent: Sunday, April 4, 2010 12:14:36 AM GMT -06:00 US/Canada Central
Subject: [pfr3_group] Secret?

I have been trying all weekend to setup one of the keyer memories, without much success.

I have an original PFR-3, no matter what I put in memory, or how low or fast, the first 5 or 6 elements are hosed up.

CQ comes out sounding like QC it's like it is missing the first character....everything after CQ CQ CQ DE comes out OK...any secrets?

1410. Re: Secret?

Yahoo group: pfr3_group
Date: 2010-04-04 18:22:08 UTC
From: John Parnell
Topic: 1408 Message: 1410

Hi - I also have a 4/09 PFR3 with memory keyer problems - difficulty entering text and uneven playback. There is no magic fix, it is a problem with the keyer chip; I emailed Steve a few weeks ago and he said he would send me an upgraded chip and I would send back the original for re-cycling... it has not appeared yet- I am being patient since this is his "side job". MEANWHILE: here is what I am doing for the ARCI Spring QRP contest; I set the unit in "straight key" mode (by plugging in the paddle and keying a DAH as I turn it on)- I then plug in my trusty K1el WinKeyer and use it in standalone mode with the CQ and contest exchange in memories.... you lose the RIT and other menu functions, but it works...

Even with the rigs quirks, I love the PFR: I have over 50 Qs so far in the ARCI contest - even with LOUSY condx... the sharp tuning is an asset with all the qrpers jammed tween 14.059 and 14.063-

Hey: eat your choclate bunnies and get on the air! - this is one of the best qrp events of the year...and it ends at 2359Z, today...

72 de k7hv

1411. Re: Secret?

Yahoo group: pfr3_group
Date: 2010-04-05 00:57:46 UTC
From: Steven Weber
Topic: 1408 Message: 1411

Yeah, sorry about the delay in getting that replacement processor out to you John. I've had an usually busy couple of weeks. I've also found I need to order some more chips. Seems I've sent out more than have been returned and my meger stock to begin with is now depleted. But I haven't forgotten about you!

72, Steve KD1JV

1412. Power save mode

Yahoo group: pfr3_group
Date: 2010-04-05 11:33:21 UTC
From: w0ese
Topic: 1412 Message: 1412

I built my PFR-3 in May of 2009 from the revision B.2 manual. The manual states that after 5 minutes of no switch activity the rig will go to power save mode. According to the manual, it will only "wake up" if any switch except the band or paddle is used. My rig will "wake up" if I use any switch, including the band switch or if I key the paddle. Would be nice if the rig remained in power save mode during a rag chew, etc. to save a little battery.

Just wondering if the manual is incorrect or if my rig is behaving this way due to its firmware.

Bryan, WØESE

1413. Re: Power save mode

Yahoo group: pfr3_group
Date: 2010-04-07 20:14:39 UTC
From: wb8yyy_curt
Topic: 1412 Message: 1413

Yes this feature only impacts the frequency display and rig use brings it back alive. Sounds like you would like the display to literall have an on and off switch ... perhaps study the schematic to see if you can easily implement this - I suspect you can add a switch to turn off power to the display itself. Is it worth the trouble ? I think Steve has already related the mA for the receiver and the display in the manual.

It could be indeed the manual is incorrect on this, as I think my display comes back when I use the paddle.

73 Curt

--- In pfr3_group@yahoogroups.com, w0ese <w0ese@...> wrote:
>
> I built my PFR-3 in May of 2009 from the revision B.2 manual. The manual states that after 5 minutes of no switch activity the rig will go to power save mode. According to the manual, it will only "wake up" if any switch except the band or paddle is used. My rig will "wake up" if I use any switch, including the band switch or if I key the paddle. Would be nice if the rig remained in power save mode during a rag chew, etc. to save a little battery.
>
> Just wondering if the manual is incorrect or if my rig is behaving this way due to its firmware.
>
> Bryan, WÃ□ESE
>

1414. Re: Secret?

Yahoo group: pfr3_group
Date: 2010-04-07 20:24:22 UTC
From: wb8yyy_curt
Topic: 1408 Message: 1414

Steve has openly admitted the issue, I think even in the manual. I suspect it is a limitation within the controller hardware resources - and Steve certainly optimized it as much as possible.

Yes the secret is to pause a bit between characters. It is hard to do, but it will work. Just pause a little longer between words.

I always forget how to use this keyer, versus the others I own - so I keep an index card with the rig.

I can imagine this is the main firmware upgrade one would want, but I suspect it also requires a hardware upgrade.

For a serious contest effort, an external keyer may be appropriate. I do have my call successfully programmed into a memory - which for my call is a significant accomplishment.

Meanwhile enjoy the nice rig -- I enjoy mine with Jerry's custom paddle attached to it.

73 Curt

--- In pfr3_group@yahoogroups.com, "KB9BVN" <kb9bvn@...> wrote:
>
> I have been trying all weekend to setup one of the keyer memories, without
> much success.
>
> I have an original PFR-3, no matter what I put in memory, or how low or
> fast, the first 5 or 6 elements are hosed up.
>
> CQ comes out sounding like QC it's like it is missing the first
> character....everything after CQ CQ CQ DE comes out OK...any secrets?
>

1415. First QSO tonight

Yahoo group: pfr3_group
Date: 2010-04-09 02:50:14 UTC
From: w2lj@verizon.net
Topic: 1415 Message: 1415

Had my first QSO tonight with my newly finished PFR3A. The RF flowed through the aether from W2LJ in South Plainfield, NJ to W9HLY in Decatur, IN. I got a 589 report to boot!

Thanks to all who helped in this endeavor. KI6DS for supplying the kit, to Steve KD1JV for helping me to figure out that U11 was installed backwards, and to Dan Tayloe N7VE for supplying a new U11.

It's nice to have a working radio!

73 de Larry W2LJ

1416. Re: First QSO tonight

Yahoo group: pfr3_group
Date: 2010-04-09 13:42:55 UTC
From: wb9dlc
Topic: 1415 Message: 1416

Hi Larry

It's great to hear that the PFR3A is working. You don't deserve the aggrevation that it has caused.

Please stay off of the eHam reviews site for a while!

I hope to work you PFR3 to PFR3A soon.

Congrats and 73

Mike - WB9DLC

--- In pfr3_group@yahoogroups.com, "w2lj@..." <w2lj@...> wrote:
>
> Had my first QSO tonight with my newly finished PFR3A. The RF flowed through the aether from W2LJ in South Plainfield, NJ to W9HLY in Decatur, IN. I got a 589 report to boot!
>
> Thanks to all who helped in this endeavor. KI6DS for supplying the kit, to Steve KD1JV for helping me to figure out that U11 was installed backwards, and to Dan Tayloe N7VE for supplying a new U11.
>
> It's nice to have a working radio!
>
> 73 de Larry W2LJ
>

1417. Re: [pfr3_group] Re: First QSO tonight

Yahoo group: pfr3_group
Date: 2010-04-09 21:19:07 UTC
From: hzp_electronics@juno.com
Topic: 1415 Message: 1417
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1418. Re: First QSO tonight

Yahoo group: pfr3_group
Date: 2010-04-14 03:43:24 UTC
From: wb9dlc
Topic: 1415 Message: 1418

--- In pfr3_group@yahoogroups.com, "hzp_electronics@..." <hzp_electronics@...> wrote:
>
> Mike,
> Is this the guy that was always complaining about how poor a kit the PFR was?
> ... Bill K3HZP

No, not at all. I think that Larry has been very positive under a difficult set of circumstances. Removing and replacing these pre-mounted SMD devices shouldn't have to happen.

Mike - WB9DLC

1419. PFR-3 in Sprint

Yahoo group: pfr3_group
Date: 2010-04-14 12:01:58 UTC
From: Brian Murrey
Topic: 1419 Message: 1419

Last night I used my PFR-3 during the NAQCC Sprint, for about an hour. I had forgotten how painful it is to use a rig like this in heavy traffic and noise. So what are you guys using for filtering? I was getting decent signal reports with the rig, and overall it worked OK...but noise and close signals are tough to work with on the PFR-3.

73

1420. Re: PFR-3 in Sprint

Yahoo group: pfr3_group
Date: 2010-04-14 20:08:53 UTC
From: wb8yyy_curt
Topic: 1419 Message: 1420

Brian

the PFR-3 has a pretty decent xtal filter. i vaguely remember measuring the response of mine with spectrogram. if you can do this it might be useful to compare results. note the xtals are same parts as the K2, but in this case fixed capacitors are used in between them. you could also compare your PFR-3 response to other 'simple' QRP rigs you have with xtal filters.

I use a NESCAF some on 80 and 160m to reduce QRN for low band DX'ing - but generally I find xtal filters to be sufficient. If you really want to try something for narrower filtering, a NESCAF is inexpensive compared to most outboard DSPs - and a decent approximation for basic filtering.

73 Curt

--- In pfr3_group@yahoogroups.com, Brian Murrey <kb9bvn@...> wrote:
>
> Last night I used my PFR-3 during the NAQCC Sprint, for about an hour.
> I had forgotten how painful it is to use a rig like this in heavy
> traffic and noise. So what are you guys using for filtering? I was
> getting decent signal reports with the rig, and overall it worked
> OK...but noise and close signals are tough to work with on the PFR-3.
>
> 73
>

1421. Re: [pfr3_group] Re: PFR-3 in Sprint

Yahoo group: pfr3_group
Date: 2010-04-14 20:36:43 UTC
From: Brian Murrey
Topic: 1419 Message: 1421

I borrowed a SCAF from W9ILF today and will play with it for a week or so.

During the sprint last night, the stations were pretty close to each other...I think the filtering in my Norcal 40A is somewhat better.

I don't have a copy of Spectrogram, and I believe it has become unobtainium...am I right on that? If it is Freeware, could I talk you into emailing me a copy? If it is not Freeware, then nevermind.

I still like the PFR-3 and I hope I can use it from my car at lunch while connected to a variety of Hamstick type antennas. I need to make the PCB modification to see if I can get the keyer memory to work right. I think I have determined this PFR-3 I have is one of the original 100 or so, so I need to dig in the group and see what other mods I might need to do.

I need to get a smaller set of paddles for the car, my Vibrokeyer is a bit bulky.

73

On Wed, Apr 14, 2010 at 4:08 PM, wb8yyy_curt <wb8yyy@...> wrote:
> Brian
>
> the PFR-3 has a pretty decent xtal filter. i vaguely remember measuring the response of mine with spectrogram. if you can do this it might be useful to compare results. note the xtals are same parts as the K2, but in this case fixed capacitors are used in between them. you could also compare your PFR-3 response to other 'simple' QRP rigs you have with xtal filters.
>
> I use a NESCAF some on 80 and 160m to reduce QRN for low band DX'ing - but generally I find xtal filters to be sufficient. If you really want to try something for narrower filtering, a NESCAF is inexpensive compared to most outboard DSPs - and a decent approximation for basic filtering.
>
> 73 Curt
>
> --- In pfr3_group@yahoogroups.com, Brian Murrey <kb9bvn@...> wrote:
>>
>> Last night I used my PFR-3 during the NAQCC Sprint, for about an hour.
>> I had forgotten how painful it is to use a rig like this in heavy
>> traffic and noise. So what are you guys using for filtering? I was
>> getting decent signal reports with the rig, and overall it worked
>> OK...but noise and close signals are tough to work with on the PFR-3.
>>
>> 73

>>
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1422. Whats the rating of Variable capacitor's C1 / C2, C72/C73 and C74/C75?

Yahoo group: pfr3_group
Date: 2010-04-15 23:43:20 UTC
From: Rich
Topic: 1422 Message: 1422

Variable capacitor, dual section.
Whats the rating of Variable capacitor C1 / C2, C72/C73 and C74/C75?

Tnx
Rich

1423. Re: Whats the rating of Variable capacitor's C1 / C2, C72/C73 and C74/C75?

Yahoo group: pfr3_group
Date: 2010-04-16 00:30:37 UTC
From: Rich
Topic: 1422 Message: 1423

--- In pfr3_group@yahoogroups.com, "Rich" <nf8v@...> wrote:
>
> Variable capacitor, dual section.
> Whats the rating of Variable capacitor C1 / C2, C72/C73 and C74/C75?
>
>
> Tnx
> Rich
>
Found it on the Schematic.... 75-150

1424. keyer memory

Yahoo group: pfr3_group
Date: 2010-04-23 23:15:37 UTC
From: psmudgett@verizon.net
Topic: 1424 Message: 1424

Got my PFR-3A in early December 2009. Generally very happy with it. Saved keyer messages a problem. For example, a 22 character, 7 word message screws up about 1 char (or space) on average each time sent. The location of screw up is random (or semi random) and shows as a reduction in time for the programmed element. For example, an "A" will transmit as "II", or "CQ CQ" will transmit as "CQCQ" or "K" as a short dah and "A". This is NOT a problem with recording a bad message, it is (semi) random error, that is, I notice some places in the message are more prone to error than others. Any ideas?

Peter, KB1PBA

1425. Re: PFR-3A

Yahoo group: pfr3_group
Date: 2010-04-23 23:43:50 UTC
From: dougjacksondrj113
Topic: 1407 Message: 1425

I know what you mean with the toroids.....

1...2...3...4...5...6..7.......8..9..10.. (Honey would you like some coffee?) [Yep that would be great] (sigh) 1...2...3..4.......

But - I got my PFR3A working last night - and I am so stoked!

Doug Jackson
VK1ZDJ/QRP

--- In pfr3_group@...m, "wb5qyt" <wb5qyt@...> wrote:
>
> Gang,
>
> I had a blast today working the ARCI QRP contest with my new PFR-3A. This rig is sure fun to use. I'm starting to forget what a pain in the butt those toroids were to wind. I came close to downing an 807 while winding!
>
>
> 72, Tom WB5QYT/QRP
>

1426. keyer memory

Yahoo group: pfr3_group
Date: 2010-04-23 23:56:16 UTC
From: Steven Weber
Topic: 1424 Message: 1426

This is a bug in the firmware, which must be updated in order to have it fixed.

I just got some spare processors in and will start sending them out to those who already requested one soon. All I ask is you send the old one back so it can be recycled. To get one, I just need your name and address.

Steve KD1JV

1427. Re: [pfr3_group] keyer memory

Yahoo group: pfr3_group
Date: 2010-04-24 00:13:47 UTC
From: KB9BVN
Topic: 1424 Message: 1427

Hi Steven,

I need a new firmware chip. I will send the old one back as soon as I swap it out.

Brian Murrey - KB9BVN
47 Grassy Dr
New Whiteland IN 46184

I bought this PFR-3 from W0GT, it is one of the original units with the painted on lettering and has not been updated.

Thanks!

73 de KB9BVN
Brian Murrey

----- Original Message -----
From: "Steven Weber" <steve.kd1jv@...>
To: <pfr3_group@yahoogroups.com>
Sent: Friday, April 23, 2010 7:56 PM
Subject: [pfr3_group] keyer memory

> This is a bug in the firmware, which must be updated in order to have it
> fixed.
>
> I just got some spare processors in and will start sending them out to
> those
> who already requested one soon. All I ask is you send the old one back so
> it
> can be recycled. To get one, I just need your name and address.
>
> Steve KD1JV
>
>
>
> ------------------------------------
>
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>

1428. need new keyer memory chip

Yahoo group: pfr3_group
Date: 2010-04-24 01:56:25 UTC
From: wb5qyt
Topic: 1428 Message: 1428

Steve,

Would you please send me a new keyer memory chip?
I'll send the old one back to you in return.

Thanks, Tom Wb5qyt

Send to: Tom Whalen
5316 Vista Del Cerro NE
Albuquerque, NM 87111

1429. Re:keyer memory

Yahoo group: pfr3_group
Date: 2010-04-24 15:56:22 UTC
From: Jim Ford
Topic: 1424 Message: 1429

I would like a new memory as well. I have the PFR3 not the A "version". Thanks.

Jim Ford, N6JF
2415 College Dr.
Costa Mesa, CA 92626

P.S. If you ever have to change the chassis design could you please space the Balanced Antenna posts at .75 inches so they fit dual banana plug adapters, etc.

1430. Re: PFR-3A

Yahoo group: pfr3_group
Date: 2010-04-24 16:01:15 UTC
From: Rich
Topic: 1407 Message: 1430

1 2 3 4 5 (Add two kids) "Dad Im going for a bike ride.. 9 10 or was it 7? "Damn it" 1 2 3 4 5 .....
73 to all.
Rich NF8V

--- In pfr3_group@yahoogroups.com, "dougjacksondrj113" <doug@...> wrote:
>
> I know what you mean with the toroids.....
>
> 1...2...3...4...5...6..7.......8..9..10.. (Honey would you like some coffee?) [Yep that would be great] (sigh) 1...2...3..4.......
>
> But - I got my PFR3A working last night - and I am so stoked!
>
> Doug Jackson
> VK1ZDJ/QRP
>
>
> --- In pfr3_group@yahoogroups.com, "wb5qyt" <wb5qyt@> wrote:
> >
> > Gang,
> >
> > I had a blast today working the ARCI QRP contest with my new PFR-3A. This rig is sure fun to use. I'm starting to forget what a pain in the butt those toroids were to wind. I came close to downing an 807 while winding!
> >
> >
> > 72, Tom WB5QYT/QRP
> >
>

1431. RE: [pfr3_group] Re: PFR-3A

Yahoo group: pfr3_group
Date: 2010-04-24 16:18:40 UTC
From: Dale Putnam
Topic: 1407 Message: 1431

55, 56, 57, 5HEY DAD! Watch this jump! Quick Look! (wait.. in the house? huh?)

.....

mmmmmmmmm

1,..2,..3,..4,..5,..

How long does it really take to wind a 60 t xfmr, with a 6t link?
--... ...-- Dale - WC7S in Wy

_____
The New Busy is not the too busy. Combine all your e-mail accounts with Hotmail.
http://www.windowslive.com/campaign/thenewbusy?tile=multiaccount&ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_4

1432. Re: [pfr3_group] need new keyer memory chip

Yahoo group: pfr3_group
Date: 2010-04-24 20:06:08 UTC
From: Steven Weber
Topic: 1428 Message: 1432

For the 3 or 3A - thier not interchangable, so I need to know which one.
Steve

Would you please send me a new keyer memory chip?
I'll send the old one back to you in return.

Thanks, Tom Wb5qyt

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1433. Attn: Steve

Yahoo group: pfr3_group
Date: 2010-04-25 00:41:09 UTC
From: wb5qyt
Topic: 1433 Message: 1433

Steve,

Sorry about that. I have the 3-A.

72, Tom Wb5qyt

1434. Re: need new keyer memory chip

Yahoo group: pfr3_group
Date: 2010-04-26 03:22:59 UTC
From: Rich
Topic: 1428 Message: 1434

Ill need one as well.For the PFR-3A. I will return the old one.
Rich Ullery NF8V PO Box 167411, Oregon Ohio 43605
thank you, 73

1435. Re: need new keyer memory chip

Yahoo group: pfr3_group
Date: 2010-04-26 18:37:32 UTC
From: Rich
Topic: 1428 Message: 1435

Ahhh.... wrong zip code, should be 43616.
tnx

--- In pfr3_group@yahoogroups.com, "Rich" <nf8v@...> wrote:
>
>
> Ill need one as well.For the PFR-3A. I will return the old one.
> Rich Ullery NF8V PO Box 167411, Oregon Ohio 43605
> thank you, 73
>

1436. Battery life

Yahoo group: pfr3_group
Date: 2010-04-28 20:19:15 UTC
From: k6mgo@verizon.net
Topic: 1436 Message: 1436

Hi, thinking of building the PFR-3 and was wondering what kind of batteries is the most popular, and what kind of life are you guys getting out of them.
I tried to look this up in the Database, but, when I go there, I can't enter anything into the table, or find anything.
So, what size AA's are most popular, and how long do they last, on average, between charges, and/or do most use external gel cell batteries?
Also, are you bothered by the voltage drop in the battery holder itself?

Tnx for any help,

73,Bill, k6mgo

1437. RE: [pfr3_group] Battery life

Yahoo group: pfr3_group
Date: 2010-04-28 21:32:13 UTC
From: OK1DDQ
Topic: 1436 Message: 1437

Hi Bill, I tested normal AA unchargeable batteries 1.5 V. It last for about 1 hour of the work for power 5 W, NiMh batteries 1.2 V last long time, but max. power is 3 W. I have best experience with LiPo batteries. I inserted 3-cell LIPo battery 2.2 Ah instead of battery holder 8 x AA. Working range of the 3-cell battery is 11 to 12.6 V and power is about 5 W, working time is about 8 hours.

73 Jirka OK1DDQ

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of k6mgo@...
Sent: Wednesday, April 28, 2010 10:19 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Battery life

Hi, thinking of building the PFR-3 and was wondering what kind of batteries is the most popular, and what kind of life are you guys getting out of them.

I tried to look this up in the Database, but, when I go there, I can't enter anything into the table, or find anything.
So, what size AA's are most popular, and how long do they last, on average, between charges, and/or do most use external gel cell batteries?
Also, are you bothered by the voltage drop in the battery holder itself?

Tnx for any help,

73,Bill, k6mgo

_____ Informace od ESET NOD32 Antivirus, verze databaze 5069 (20100428)
_____

Tuto zpravu proveril ESET NOD32 Antivirus.

http://www.eset.cz

1438. Batteries

Yahoo group: pfr3_group
Date: 2010-04-29 00:41:10 UTC
From: k6mgo@verizon.net
Topic: 1438 Message: 1438

Thanks very much for a very informative reply, Jirka. I appreciate it very much. It seems the best way to go would be the NiPo batteries.

73, Bill, k6mgo

1439. Re: Batteries

Yahoo group: pfr3_group
Date: 2010-04-29 00:47:39 UTC
From: k6mgo@verizon.net
Topic: 1438 Message: 1439

Correction, S/B LIPo battery not NiPo battery. Sorry about that.
Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> Thanks very much for a very informative reply, Jirka. I appreciate it very much. It seems the best way to go would be the NiPo batteries.
>
> 73, Bill, k6mgo
>

1440. PFR3 Manual Question

Yahoo group: pfr3_group
Date: 2010-04-30 03:16:52 UTC
From: joey
Topic: 1440 Message: 1440

Hello all!!

I purchased a PFR3 kit a couple of years or so ago. I started building it but then my wife gave birth to our son and I have struggled to find time to finish the build. It's in the back of my mind that I need to finish this thing. So I decided to look at the manual and the board that I started building in order to figure out where I left off. It turns out I just finished Group 2.

I pulled out the manual and thumbed through it and then I decided to go to the qrpkits.com website and see how much the newer version of the manual differs from the one I printed out way back when I bought the kit.

I see that there are a few modifications that are shown in the newer version of the manual. Now this may seem like a dumb question so please forgive me. Should all of these mods, which are shown in the newer manual, be done to my older kit as well?

Regards,

Joseph
KF6VVQ

1441. PFR3 Manual Question

Yahoo group: pfr3_group
Date: 2010-04-30 20:08:04 UTC
From: Steven Weber
Topic: 1440 Message: 1441

If you have the original PFR-3 and not the A, then the only mod you have to do is the power supply cut and jump at the processor to put the 5V on the correct pin for the A/D converter. The mods for the A version do not apply to the 3. (or visa versa)

Steve KD1JV

1442. Band Changing on its Own

Yahoo group: pfr3_group
Date: 2010-05-01 01:23:18 UTC
From: Bill
Topic: 1442 Message: 1442

Ever since I've completed my PFR-3, while operating, it will occasionally change to the 30 meter band. Usually, it will flip back to the correct band after a second or two, but on a few occasions, it has stayed on 30 meters for several minutes, regardless of the band switch settings. I checked the connections and resistance values in the circuit that controls the voltage on pin 24 of U6 and can't find anything wrong. It happens on both 40 and 20 meters (actually, it happens on 30 meters as well, sometimes on 30, the frequency display will be replaced by "30" for a second like it just changed bands.

Has anyone else had this problem or have an idea what could be causing it? It's been really frustrating trying to troubleshoot because whenever I take it apart and put it on the bench, it won't happen for hours. Conversely, whenever I call what would be a new QRP country on 20 or 40, it seems to happen almost instantly.

Bill, KF8GE/HL9TY

1443. frequency changes

Yahoo group: pfr3_group
Date: 2010-05-01 11:35:43 UTC
From: k8ar
Topic: 1443 Message: 1443

I have noticed that with my pfr3-a also. It has always been a temporary thing taking only a second or two and then it reverts to the frequency I was on before. I have noticed that it is better to switch the unit off before changing bands. Not doing that SOMETIMES it will not transmit after changing bands. All seems normal unless you have a meter in line and see that there is no output. Ben k8ar

1444. Re: PFR3 Manual Question

Yahoo group: pfr3_group
Date: 2010-05-01 16:24:27 UTC
From: joey
Topic: 1440 Message: 1444

Thank you for clarifying this for me Steve.

However, I am unable to find the details regarding how to exactly perform the modification you mentioned below. Can someone point me to where I can find the exact details in order to do the power supply cut and jump at the processor to put the 5V on the correct pin for the A/D converter?

Regards,

Joseph
KF6VVQ

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> If you have the original PFR-3 and not the A, then the only mod you have to
> do is the power supply cut and jump at the processor to put the 5V on the
> correct pin for the A/D converter. The mods for the A version do not apply
> to the 3. (or visa versa)
>
> Steve KD1JV
>

1445. QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-05 18:12:05 UTC
From: k6jf_radio
Topic: 1445 Message: 1445

Has anyone tried to contact qrpkits lately about getting a replacement part? I need to get a replacement black binding post for my SLT+ tuner. Lat month I have emailed parts@... twice and ki6ds@... once and have received no response.

Jim K6JF

1446. Re: [pfr3_group] QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-05 20:20:08 UTC
From: Steve Miller
Topic: 1445 Message: 1446

Jim,

It took my friend nearly three months to get the same part for his PFR-3. The original part had stripped threads. Steve

At 01:12 PM 5/5/2010, you wrote:

Has anyone tried to contact qrpkits lately about getting a replacement part? I need to get a replacement black binding post for my SLT+ tuner. Lat month I have emailed parts@qrpkits.com twice and ki6ds@qrpkits.com once and have received no response.

Jim K6JF

1447. RE: [pfr3_group] QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-05 21:31:33 UTC
From: Dale Putnam
Topic: 1445 Message: 1447

I've found very similar binding posts at RS..... they are different, but they work.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: hsmiller@...
Date: Wed, 5 May 2010 15:20:08 -0500
Subject: Re: [pfr3_group] QRPKITS Contact Info

Jim,

It took my friend nearly three months to get the same part for his PFR-3. The original part had stripped threads. Steve

At 01:12 PM 5/5/2010, you wrote:

Has anyone tried to contact qrpkits lately about getting a replacement part? I need to get a replacement black binding post for my SLT+ tuner. Lat month I have emailed parts@... twice and ki6ds@... once and have received no response.

Jim K6JF

_____
The New Busy is not the old busy. Search, chat and e-mail from your inbox.
http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_3

1448. RE: [pfr3_group] Band Changing on its Own

Yahoo group: pfr3_group
Date: 2010-05-06 00:33:05 UTC
From: Paul Feltz
Topic: 1442 Message: 1448

This happens on mine often but has not caused me any big issue. One of its "personalities".

72, Paul WA0VDM

To: pfr3_group@yahoogroups.com
From: btrettin@...
Date: Sat, 1 May 2010 01:23:18 +0000
Subject: [pfr3_group] Band Changing on its Own

Ever since I've completed my PFR-3, while operating, it will occasionally change to the 30 meter band. Usually, it will flip back to the correct band after a second or two, but on a few occasions, it has stayed on 30 meters for several minutes, regardless of the band switch settings. I checked the connections and resistance values in the circuit that controls the voltage on pin 24 of U6 and can't find anything wrong. It happens on both 40 and 20 meters (actually, it happens on 30 meters as well, sometimes on 30, the frequency display will be replaced by "30" for a second like it just changed bands.

Has anyone else had this problem or have an idea what could be causing it? It's been really frustrating trying to troubleshoot because whenever I take it apart and put it on the bench, it won't happen for hours. Conversely, whenever I call what would be a new QRP country on 20 or 40, it seems to happen almost instantly.

Bill, KF8GE/HL9TY

_____
Hotmail has tools for the New Busy. Search, chat and e-mail from your inbox.
http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_1

1449. Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-06 18:34:31 UTC
From: k6jf_radio
Topic: 1445 Message: 1449

Thanks, Steve. Stripped threads is also the problem with my binding post. I have found what apears to be the same wide stubby posts on the web that match the mounting hole size in the tuner, but for $2 worth of parts it will cost $8 shipping plus $5 handling!!

Jim K6JF

1450. Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-06 18:42:44 UTC
From: k6jf_radio
Topic: 1445 Message: 1450

Hi Dale,

Yes, I have seen the ones on the RS web site but they are taller and narrower which is OK, but they use a smaller mounting hole than the ones used on the SLT+. I am not ready to resort to covering the holes with a plate and drilling for smaller diameter posts. I like the look of the stubby posts.

Jim K6JF

1451. Re: [pfr3_group] Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-06 20:10:00 UTC
From: Brian Murrey
Topic: 1445 Message: 1451

Doug sent a note out today that he has shut down QRPkits until after FDIM/Dayton. He will resume shipping orders on May 24th according to his email.

Maybe you can meet him at the FDIM vendor night and get a new set of stubby posts?

On Thu, May 6, 2010 at 2:42 PM, k6jf_radio <jimf53@...> wrote:
> Hi Dale,
>
> Yes, I have seen the ones on the RS web site but they are taller and narrower which is OK, but they use a smaller mounting hole than the ones used on the SLT+. I am not ready to resort to covering the holes with a plate and drilling for smaller diameter posts. I like the look of the stubby posts.
>
> Jim K6JF
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> Yahoo! Groups Links
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1452. Re: [pfr3_group] Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-07 02:07:21 UTC
From: Jim
Topic: 1445 Message: 1452

Just a thought, why not use a washer to cover the larger hole with the new post through the center of the washer.

Jim KD5VXH

----- Original Message -----
From: k6jf_radio
To: pfr3_group@yahoogroups.com
Sent: Thursday, May 06, 2010 1:42 PM
Subject: [pfr3_group] Re: QRPKITS Contact Info

Hi Dale,

Yes, I have seen the ones on the RS web site but they are taller and narrower which is OK, but they use a smaller mounting hole than the ones used on the SLT+. I am not ready to resort to covering the holes with a plate and drilling for smaller diameter posts. I like the look of the stubby posts.

Jim K6JF

1453. Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-07 18:19:31 UTC
From: k6jf_radio
Topic: 1445 Message: 1453

I know that Dayton was coming up soon, and I know he works a regular job full-time. But that does not explain why I received no response to emails on the first, third and fourth weeks of April! If he is out of stock or locating parts, fine, let me know!

Jim K6JF

1454. Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-07 23:44:06 UTC
From: Don McBride
Topic: 1445 Message: 1454

Glad to hear that I'm not alone. I was beginning to think it was my deodorant or something as I have sent a number of unanswered emails to Doug for parts and help. Someone else was kind enough to point out the cause of my latest malfunctioning QRPKit, but the missing parts never did show up.

We all know that Doug has a day job, but it seems unlike him to not respond to email requests for the last ... month?
This wasn't a problem with my earlier Hendrick's kits so something is up. I just hope all is well on his end.
... Don K3RLL

--- In pfr3_group@yahoogroups.com, "k6jf_radio" <jimf53@...> wrote:
>
> Has anyone tried to contact qrpkits lately about getting a replacement part? I need to get a replacement black binding post for my SLT+ tuner. Lat month I have emailed parts@... twice and ki6ds@... once and have received no response.
>
> Jim K6JF
>

1455. Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-08 00:47:55 UTC
From: edandlin2001
Topic: 1445 Message: 1455

Similar experience here. I received my PFR-3 kit earlier this week and have just started going over the parts list. Less than halfway through, I have already discovered that 14 resistors are missing. Hope to catch up with the vendor in Dayton - I am sure things were just left out in the packing rush. This is my first purchase from qrpkits, so I am hoping they stand behind the product.

73, Ed KB3SZZ
==========

--- In pfr3_group@yahoogroups.com, "Don McBride" <McBride_D@...> wrote:
>
> Glad to hear that I'm not alone. I was beginning to think it was my deodorant or something as I have sent a number of unanswered emails to Doug for parts and help. Someone else was kind enough to point out the cause of my latest malfunctioning QRPKit, but the missing parts never did show up.
>
> We all know that Doug has a day job, but it seems unlike him to not respond to email requests for the last ... month?
> This wasn't a problem with my earlier Hendrick's kits so something is up. I just hope all is well on his end.
> ... Don K3RLL
>
>
> --- In pfr3_group@yahoogroups.com, "k6jf_radio" <jimf53@> wrote:
> >
> > Has anyone tried to contact qrpkits lately about getting a replacement part? I need to get a replacement black binding post for my SLT+ tuner. Lat month I have emailed parts@ twice and ki6ds@ once and have received no response.
> >
> > Jim K6JF
> >
>

1456. Re: [pfr3_group] Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-08 02:24:27 UTC
From: Dean Davis
Topic: 1445 Message: 1456

Are you using Dougs new email address for parts? parts@...

Dean, N7XG

edandlin2001 wrote:
> Similar experience here. I received my PFR-3 kit earlier this week and have just started going over the parts list. Less than halfway through, I have already discovered that 14 resistors are missing. Hope to catch up with the vendor in Dayton - I am sure things were just left out in the packing rush. This is my first purchase from qrpkits, so I am hoping they stand behind the product.
>
> 73, Ed KB3SZZ
> ==========
>
> --- In pfr3_group@yahoogroups.com, "Don McBride" <McBride_D@...> wrote:
>
>> Glad to hear that I'm not alone. I was beginning to think it was my deodorant or something as I have sent a number of unanswered emails to Doug for parts and help. Someone else was kind enough to point out the cause of my latest malfunctioning QRPKit, but the missing parts never did show up.
>>
>> We all know that Doug has a day job, but it seems unlike him to not respond to email requests for the last ... month?
>> This wasn't a problem with my earlier Hendrick's kits so something is up. I just hope all is well on his end.
>> ... Don K3RLL
>>
>>
>> --- In pfr3_group@yahoogroups.com, "k6jf_radio" <jimf53@> wrote:
>>
>>> Has anyone tried to contact qrpkits lately about getting a replacement part? I need to get a replacement black binding post for my SLT+ tuner. Lat month I have emailed parts@ twice and ki6ds@ once and have received no response.
>>>
>>> Jim K6JF
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> Yahoo! Groups Links
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> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.819 / Virus Database: 271.1.1/2859 - Release Date: 05/06/10 23:26:00
>
>

1457. RE: [pfr3_group] Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-08 02:57:09 UTC
From: E Neubauer
Topic: 1445 Message: 1457

Dean,
Thanks for your help. I should clarify that my unanswered email to Doug was a minor shipping question, not about missing parts - and I used a different address, so that was my fault. I will ask about the missing components via the one you suggested.
I am excited about building the kit and using it "in the field."
73, Ed

To: pfr3_group@yahoogroups.com
From: dean@alpinesoft.com
Date: Fri, 7 May 2010 19:24:27 -0700
Subject: Re: [pfr3_group] Re: QRPKITS Contact Info

Are you using Dougs new email address for parts? parts@...

Dean, N7XG

edandlin2001 wrote:

> Similar experience here. I received my PFR-3 kit earlier this week and have just started going over the parts list. Less than halfway through, I have already discovered that 14 resistors are missing. Hope to catch up with the vendor in Dayton - I am sure things were just left out in the packing rush. This is my first purchase from qrpkits, so I am hoping they stand behind the product.

>

> 73, Ed KB3SZZ

> ================================

>

> --- In pfr3_group@yahoogroups.com, "Don McBride" <McBride_D@...> wrote:

>

>> Glad to hear that I'm not alone. I was beginning to think it was my deodorant or something as I have sent a number of unanswered emails to Doug for parts and help. Someone else was kind enough to point out the cause of my latest malfunctioning QRPKit, but the missing parts never did show up.

>>

>> We all know that Doug has a day job, but it seems unlike him to not respond to email requests for the last ... month?

>> This wasn't a problem with my earlier Hendrick's kits so something is up. I just hope all is well on his end.

>> ... Don K3RLL

>>

>>

>> --- In pfr3_group@yahoogroups.com, "k6jf_radio" <jimf53@> wrote:

>>

>>> Has anyone tried to contact qrpkits lately about getting a replacement part? I need to get a replacement black binding post for my SLT+ tuner. Lat month I have emailed parts@ twice and ki6ds@ once and have received no response.

>>>

>>> Jim K6JF

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> Yahoo! Groups Links

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> No virus found in this incoming message.

> Checked by AVG - www.avg.com

> Version: 9.0.819 / Virus Database: 271.1.1/2859 - Release Date: 05/06/10 23:26:00

>

>

The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail.
http://www.windowslive.com/campaign/thenewbusy?tile=multicalendar&ocid=PID28326::T:WLMTAGL
:ON:WL:en-US:WM_HMP:042010_5

1458. Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-08 15:05:31 UTC
From: Rich
Topic: 1445 Message: 1458

I have had problems getting replies as well. I think Doug has alot on his plate. Iv even argued with him. I can say from experience in the end he will come through. He's an OK guy. Just remember he and Steve Webber are 2 of the few selling and developing kits of quality. Treat them gently. Its not like fast food get mad at the golden arches so go to Burger King.
Just my thoughts, Rich NF8V

In pfr3_group@yahoogroups.com, E Neubauer <doublehelix454@...> wrote:
>
>
> Dean,
> Thanks for your help. I should clarify that my unanswered email to Doug was a minor shipping question, not about missing parts - and I used a different address, so that was my fault. I will ask about the missing components via the one you suggested.
> I am excited about building the kit and using it "in the field."
> 73, Ed
>
> To: pfr3_group@yahoogroups.com
> From: dean@...
> Date: Fri, 7 May 2010 19:24:27 -0700
> Subject: Re: [pfr3_group] Re: QRPKITS Contact Info
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> Are you using Dougs new email address for parts? parts@...
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> Dean, N7XG
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> edandlin2001 wrote:
>
> > Similar experience here. I received my PFR-3 kit earlier this week and have just started going over the parts list. Less than halfway through, I have already discovered that 14 resistors are missing. Hope to catch up with the vendor in Dayton - I am sure things were just left out in the packing rush. This is my first purchase from qrpkits, so I am hoping they stand behind the product.
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> > 73, Ed KB3SZZ
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> > --- In pfr3_group@yahoogroups.com, "Don McBride" <McBride_D@> wrote:
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>
> >> Glad to hear that I'm not alone. I was beginning to think it was my deodorant or something as I have sent a number of unanswered emails to Doug for parts and help. Someone else was kind enough to point out the cause of my latest malfunctioning QRPKit, but the missing parts never did show up.
>
> >>
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> >> We all know that Doug has a day job, but it seems unlike him to not respond to email requests for the last ... month?
>
> >> This wasn't a problem with my earlier Hendrick's kits so something is up. I just hope all is well on his end.
>
> >> ... Don K3RLL
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> >>
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> >>

>
> >> --- In pfr3_group@yahoogroups.com, "k6jf_radio" <jimf53@> wrote:
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> >>
>
> >>> Has anyone tried to contact qrpkits lately about getting a replacement part? I need to get a replacement black binding post for my SLT+ tuner. Lat month I have emailed parts@ twice and ki6ds@ once and have received no response.
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> > > No virus found in this incoming message.
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> > > Checked by AVG - www.avg.com
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> > > Version: 9.0.819 / Virus Database: 271.1.1/2859 - Release Date: 05/06/10 23:26:00
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> The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail.
> http://www.windowslive.com/campaign/thenewbusy?tile=multicalendar&ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_5
>

1459. Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-08 22:58:18 UTC
From: Doug Jackson
Topic: 1445 Message: 1459

Hi Everybody,

I have a couple of small thing to add.

One person mentioned that 11 of the resistors were incorrect (or missing) - I recently built a PFR3A and was having enormous trouble - till I discovered that I was using the PFR3 manual, not the PFR3A manual. (Can't believe I did that...) - I had to keep going to the parts draws for components.... In the end, I got the right manual down, and had no further problems. I am not saying that you have the wrong manual - that is just my personal experience.

Also, I know that kit makers can get surprised (and even overwhelmed) at times. I have started selling a project for a simple word clock (www.dougswordclock.com), and things can go at one kit per month, and instantly drown me at 15 kits a month. Boy do the stress levels rise when it gets busy, especially as I have a day job! One thing that is for sure, the PFR3 kits certainly did helo me improve the quality of my own kit, and I have learnt a lot.

Anyway, the PFR3 is a great little radio, which is beautifully designed and executed.

Thanks for an awesome kit.

1460. Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-09 12:36:42 UTC
From: Rich
Topic: 1445 Message: 1460

We Radio Amateur's are a small retail market. Its nice when people try to feed our need, even out of a garage. I can tell you Doug will never get rich selling kits. I was just trying to encourage you to hang in there and the wait would be worth it.
I wont make that mistake again.
Rich
P.S.
For me radio is a hobby, I placed you in my spam bucket, I have no reason to argue about it.

From: Steve Miller <hsmiller@...>
To: Rich <nf8v@...>
Sent: Sat, May 8, 2010 2:43:38 PM
Subject: Re: [pfr3_group] Re: QRPKITS Contact Info

Rich,

Doug may have a lot on his plate but part of doing business is taking care of your customers. Having to ring his bell a dozen times to get parts is nonsense. If that's the case, then he needs to get help who can. There can't be THAT many requests. Steve takes good care of his immediate customers. BTW - there are other quality builders and clubs supplying good kits, maybe not in the number of kits that Doug does but others are available. Steve

1461. Re: contact info/battery question

Yahoo group: pfr3_group
Date: 2010-05-10 20:50:14 UTC
From: edandlin2001
Topic: 1445 Message: 1461

> We Radio Amateur's are a small retail market. Its nice when people
> try to feed our need, even out of a garage. I can tell you Doug will > never get rich selling kits. > Rich

I agree: I had a very nice email interaction with Doug, and he is more than happy to send the parts. I am new to this group and somewhat of a newbie to the hobby, but am really impressed with the simple, robust construction of PFR-3A.

Have any of you done some backpacking with the rig? If so, has the internal battery pack been suitable or is an external battery suggested? I tend to be a "long weekend" backpacker when time allows, so my needs might only amount to a few hours in a trip. Any recommendations are appreciated.

73, Ed KB3SZZ

1462. RE: [pfr3_group] Re: contact info/battery question

Yahoo group: pfr3_group
Date: 2010-05-10 21:18:36 UTC
From: Dennis King
Topic: 1445 Message: 1462
Attachments: 2 described; binary payloads are missing from this source WARC

You might look into Lithium batteries - they offer a lot of power and are small, light weight and can be recharged. They are available on the Internet for low prices also; i.e a 7AH, 12VDC battery weighs about 7oz and is about the size of a deck of cards.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of edandlin2001
Sent: Monday, May 10, 2010 1:50 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: contact info/battery question

> We Radio Amateur's are a small retail market. Its nice when people
> try to feed our need, even out of a garage. I can tell you Doug will >
never get rich selling kits. > Rich

I agree: I had a very nice email interaction with Doug, and he is more than happy to send the parts. I am new to this group and somewhat of a newbie to the hobby, but am really impressed with the simple, robust construction of PFR-3A.

Have any of you done some backpacking with the rig? If so, has the internal battery pack been suitable or is an external battery suggested? I tend to be a "long weekend" backpacker when time allows, so my needs might only amount to a few hours in a trip. Any recommendations are appreciated.

73, Ed KB3SZZ

1463. Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-11 17:50:39 UTC
From: k6jf_radio
Topic: 1445 Message: 1463

Found a surprise in my mailbox yesterday, a box from QRPKITS. Not only did it contain a replacement black binding post, it also contained a second black post and a red one too! Case closed, thanks Doug. I completed assembly of the SLT+ last night. I also recevied the posts I ordered from the web yesterday, should have waited a couple more days.

Jim K6JF

1464. Replacement Keyer Chip AOK

Yahoo group: pfr3_group
Date: 2010-05-11 18:09:29 UTC
From: orangelite
Topic: 1464 Message: 1464

Just a heads up that the replacement IC for my PFR-3 keyer arrived yesterday. I popped it into the socket and the keyer works as it should - without a hitch. A public thank-you to Steve for his help. When you get YOUR replacement, be sure to send the old one back to Steve asap; this is probably one of the reasons that replacements are slow: folks are not sending their old ones back to be reprogrammed... I worked RA0AA through a pile up right after the swap out... the little yellow guy ROCKS!

72 de k7hv

1465. Re: contact info/battery question

Yahoo group: pfr3_group
Date: 2010-05-11 20:52:46 UTC
From: Bill
Topic: 1445 Message: 1465

I haven't done any overnight backpacking trips with the PFR-3, but I have done several day trips using the same set of batteries with no problems. For a long weekend backpacking, you can probably get by with the internal batteries and one set of spares.

Bill, KF8GE/HL9TY

--- In pfr3_group@yahoogroups.com, "edandlin2001" <doublehelix454@...> wrote:
>
> > We Radio Amateur's are a small retail market. Its nice when people
> > try to feed our need, even out of a garage. I can tell you Doug will > never get rich selling kits. > Rich
>
> I agree: I had a very nice email interaction with Doug, and he is more than happy to send the parts. I am new to this group and somewhat of a newbie to the hobby, but am really impressed with the simple, robust construction of PFR-3A.
>
> Have any of you done some backpacking with the rig? If so, has the internal battery pack been suitable or is an external battery suggested? I tend to be a "long weekend" backpacker when time allows, so my needs might only amount to a few hours in a trip. Any recommendations are appreciated.
>
> 73, Ed KB3SZZ
>

1466. Re: [pfr3_group] Re: QRPKITS Contact Info

Yahoo group: pfr3_group
Date: 2010-05-11 22:00:56 UTC
From: Michael Goins
Topic: 1445 Message: 1466

Jim,

Interested in how the tuner works when you have it up and running.

Michael Goins, k5wmg
Professor, Writing
University of Texas at San Antonio

On Tue, May 11, 2010 at 12:50 PM, k6jf_radio <jimf53@...> wrote:

>
>
> Found a surprise in my mailbox yesterday, a box from QRPKITS. Not only did
> it contain a replacement black binding post, it also contained a second
> black post and a red one too! Case closed, thanks Doug. I completed assembly
> of the SLT+ last night. I also recevied the posts I ordered from the web
> yesterday, should have waited a couple more days.
>
> Jim K6JF
>
>
>

1467. RE: [pfr3_group] battery question

Yahoo group: pfr3_group
Date: 2010-05-11 22:43:13 UTC
From: E Neubauer
Topic: 1445 Message: 1467

Thanks to all for the input. I am curious about a lithium battery. I looked on the web and at the local Battery Warehouse and most of the Li batteries I came across were 3.6 V or not rechargeable. I am probably searching incorrectly.
Dennis, the one you mentioned in your message sounds perfect, especially if I can . Can you tell me the vendor or provide a link?

To: pfr3_group@yahoogroups.com
From: n6kd@...
Date: Mon, 10 May 2010 14:18:36 -0700
Subject: RE: [pfr3_group] Re: contact info/battery question

You might look into Lithium batteries – they offer a lot of
power and are small, light weight and can be recharged. They are available on
the Internet for low prices also; i.e a 7AH, 12VDC battery weighs about 7oz
and is about the size of a deck of cards.

_____
The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail.
http://www.windowslive.com/campaign/thenewbusy?tile=multicalendar&ocid=PID28326::T:WLMTAGL
:ON:WL:en-US:WM_HMP:042010_5

1468. RE: [pfr3_group] battery question

Yahoo group: pfr3_group
Date: 2010-05-12 02:52:16 UTC
From: Dennis King
Topic: 1445 Message: 1468
Attachments: 2 described; binary payloads are missing from this source WARC

If you do a search on Ebay for Lithium battery 12VDC, you will get many hits. The batteries I looked at included chargers which must be different from other rechargeable batteries. Most of the vendors are in China and Singapore.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of E Neubauer
Sent: Tuesday, May 11, 2010 3:43 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] battery question

Thanks to all for the input. I am curious about a lithium battery. I looked on the web and at the local Battery Warehouse and most of the Li batteries I came across were 3.6 V or not rechargeable. I am probably searching incorrectly.

Dennis, the one you mentioned in your message sounds perfect, especially if I can . Can you tell me the vendor or provide a link?

To: pfr3_group@yahoogroups.com
From: n6kd@...
Date: Mon, 10 May 2010 14:18:36 -0700
Subject: RE: [pfr3_group] Re: contact info/battery question

You might look into Lithium batteries - they offer a lot of power and are small, light weight and can be recharged. They are available on the Internet for low prices also; i.e a 7AH, 12VDC battery weighs about 7oz and is about the size of a deck of cards.

The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail. Get busy.
<http://www.windowslive.com/campaign/thenewbusy?tile=multicalendar&ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_5>

1469. Re: Replacement Keyer Chip AOK

Yahoo group: pfr3_group
Date: 2010-05-12 15:32:02 UTC
From: wb9dlc
Topic: 1464 Message: 1469

Wonder if you noticed if your new chip had 1 or 2 'dots' on it (I think that indicates the version)?

I also wonder if you have tried the Straight Key mode? I got an updated chip some time ago and the SK Mode doesn't work correctly and I think that it did before. When I start it in SK mode and hit that key it never comes back to RX.

Thanks - 73

Mike - WB9DLC

--- In pfr3_group@yahoogroups.com, "orangelite" <jparnell@...> wrote:
>
> Just a heads up that the replacement IC for my PFR-3 keyer arrived yesterday. I popped it into the socket and the keyer works as it should - without a hitch. A public thank-you to Steve for his help. When you get YOUR replacement, be sure to send the old one back to Steve asap; this is probably one of the reasons that replacements are slow: folks are not sending their old ones back to be reprogrammed... I worked RA0AA through a pile up right after the swap out... the little yellow guy ROCKS!
>
> 72 de k7hv
>

1470. Re: Replacement Keyer Chip AOK

Yahoo group: pfr3_group
Date: 2010-05-13 17:46:34 UTC
From: jparnell@igc.org
Topic: 1464 Message: 1470

I did not note the number of dots on the new keyer chip, I just eagerly popped it in and put it back together. I had some "problems" until I carefully read the manual: the rig would not go to RX after programming the keyer...I re-read the instructions and noted that *I needed to hit a dit or dah to chose memory #1 or #2* - Mine worked in straight key mode in that I was able to turn it on while hitting the "DAH" paddle and key it for adjusting the internal ant tuner using SWR light - my only problem with RX mode is when I forget to flick the tuner switch back to OPER... I dont remember if it worked in RX immediately afterwards, it seems like I would have noticed if it didn't...I am at work now, but when I get home, I will try straight key mode with a key AND my keyer (I sometimes use my Wnkeyer/software with the PFR during contests to send sequential serial numbers.) I will let you know if I note any squirreliness...

-72 de k7hv

>1a. Re: Replacement Keyer Chip AOK
Posted by: "wb9dlc" wb9dlc@... wb9dlc
Wed May 12, 2010 8:33 am (PDT)

Wonder if you noticed if your new chip had 1 or 2 'dots' on it (I think that indicates the version)?

I also wonder if you have tried the Straight Key mode? I got an updated chip some time ago and the SK Mode doesn't work correctly and I think that it did before. When I start it in SK mode and hit that key it never comes back to RX.

Thanks - 73

Mike - WB9DLC

--- In pfr3_group@yahoogroups.com, "orangelite" <jparnell@...> wrote:
>
> Just a heads up that the replacement IC for my PFR-3 keyer arrived yesterday. I popped it into the socket and the keyer works as it should - without a hitch. A public thank-you to Steve for his help. When you get YOUR replacement, be sure to send the old one back to Steve asap; this is probably one of the reasons that replacements are slow: folks are not sending their old ones back to be reprogrammed... I worked RA0AA through a pile up right after the swap out... the little yellow guy ROCKS!
>
> 72 de k7hv
>

1471. Re: Replacement Keyer Chip AOK

Yahoo group: pfr3_group
Date: 2010-05-14 01:07:34 UTC
From: John Parnell
Topic: 1464 Message: 1471

OK, I am back home in the shack and have tested my PFR-3 (the "old" rig, NOT the 3a) with the new keyer chip in straight key mode: my RX works the same as it does in keyer mode. I tried it with a straight key AND an external keyer and it works FB on TX and RX.... no problems at this end. The only thing I could think of that could cause an RX problem would spacing out switching back to OPER position from TUNE after using the ant tuner in the SK mode. I would assume that this is not your issue.(I admit to making this mistake once in a while!) I would toss this back to the group and see if any one else has experienced this problem or might have a better clue.

>

Re: Replacement Keyer Chip AOK
Posted by: "wb9dlc" wb9dlc@... wb9dlc
Wed May 12, 2010 8:33 am (PDT)

Wonder if you noticed if your new chip had 1 or 2 'dots' on it (I think that indicates the version)?

I also wonder if you have tried the Straight Key mode? I got an updated chip some time ago and the SK Mode doesn't work correctly and I think that it did before. When I start it in SK mode and hit that key it never comes back to RX.

Thanks - 73

Mike - WB9DLC

1472. Re: Replacement Keyer Chip AOK

Yahoo group: pfr3_group
Date: 2010-05-16 03:25:15 UTC
From: wb9dlc
Topic: 1464 Message: 1472

Thanks for checking that out for me. Yes, I am talking about a PFR-3 (not A) like yours. No, it is not a problem with the tune switch.

Thamks again. 73

Mike - WB9DLC

--- In pfr3_group@yahoogroups.com, "John Parnell" <jparnell@...> wrote:
>
> OK, I am back home in the shack and have tested my PFR-3 (the "old" rig, NOT the 3a) with the new keyer chip in straight key mode: my RX works the same as it does in keyer mode. I tried it with a straight key AND an external keyer and it works FB on TX and RX.... no problems at this end. The only thing I could think of that could cause an RX problem would spacing out switching back to OPER position from TUNE after using the ant tuner in the SK mode. I would assume that this is not your issue.(I admit to making this mistake once in a while!) I would toss this back to the group and see if any one else has experienced this problem or might have a better clue.
>

1473. FS: PFR-3

Yahoo group: pfr3_group
Date: 2010-05-16 13:33:12 UTC
From: KB9BVN
Topic: 1473 Message: 1473

I have a PFR-3 radio for sale, it is one of the ones with the painted on lettering instead of the decals, in good working order, and was built by Lou W0TQ.

Three bands, built in BLT tuner, excellent audio, new keyer chip from Steve KD1JV.

Asking $210.00 shipped to the US. I will sell DX if the buyer is willing to pay the full shipping costs.

73 de KB9BVN
Brian Murrey

1474. RE: [pfr3_group] FS: PFR-3

Yahoo group: pfr3_group
Date: 2010-05-16 16:30:56 UTC
From: Nicholas Battaglia
Topic: 1473 Message: 1474

Brian,

I would like to purchase PFR-3.

Let me know how you want payment.

Nick K2JMK

To: pfr3_group@yahoogroups.com; qrp-l@mailman.qth.net; qrp-l@...; fpqrp-l@...
From: kb9bvn@...
Date: Sun, 16 May 2010 09:33:12 -0400
Subject: [pfr3_group] FS: PFR-3

I have a PFR-3 radio for sale, it is one of the ones with the painted on lettering instead of the decals, in good working order, and was built by Lou W0TQ.

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73 de KB9BVN
Brian Murrey

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http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_3

1475. Re: [pfr3_group] FS: PFR-3

Yahoo group: pfr3_group
Date: 2010-05-16 19:10:33 UTC
From: KB9BVN
Topic: 1473 Message: 1475

Nick,

Please mail payment to:

Brian Murrey
47 Grassy Drive
New Whiteland IN 46184

Postal MO gets instant shipping, personal check I will wait a few days before shipping.

I have the brand new keyer dhip from Steve KD1JV, and I have not installed it yet. It is supposed to fix a bug in the old chip, I never used the keyer memories anyway so it din't really cause me any trouble. Do you want me to send the new chip with the radio, or would you rather I install it before sending it to you?

73 de KB9BVN
Brian Murrey

----- Original Message -----
From: Nicholas Battaglia
To: pfr3_group@yahoogroups.com
Sent: Sunday, May 16, 2010 12:30 PM
Subject: RE: [pfr3_group] FS: PFR-3

Brian,
I would like to purchase PFR-3.

Let me know how you want payment.

Nick K2JMK

To: pfr3_group@yahoogroups.com; qrp-l@...; qrp-l@...; fpqrp-l@mpna.com
From: kb9bvn@...
Date: Sun, 16 May 2010 09:33:12 -0400
Subject: [pfr3_group] FS: PFR-3

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73 de KB9BVN
Brian Murrey

The New Busy is not the old busy. Search, chat and e-mail from your inbox. Get started.

1476. RE: [pfr3_group] FS: PFR-3

Yahoo group: pfr3_group
Date: 2010-05-16 19:50:41 UTC
From: Nicholas Battaglia
Topic: 1473 Message: 1476

Brian,

I would appreciate it if you could install the chip. Also do you have the manual?

I will send you a check Monday morning.

I look forward to working you on the air with the PFR-3.

73, Nick K2JMK

To: pfr3_group@yahoogroups.com
From: kb9bvn@...
Date: Sun, 16 May 2010 15:10:33 -0400
Subject: Re: [pfr3_group] FS: PFR-3

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Brian Murrey

----- Original Message -----
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To: pfr3_group@yahoogroups.com
Sent: Sunday, May 16, 2010 12:30 PM
Subject: RE: [pfr3_group] FS: PFR-3

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Let me know how you want payment.

Nick K2JMK

To: pfr3_group@yahoogroups.com; qrp-l@....net; qrp-l@...; fpqrp-l@...
From: kb9bvn@...
Date: Sun, 16 May 2010 09:33:12 -0400

Subject: [pfr3_group] FS: PFR-3

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Brian Murrey

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http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_2

1477. Re: [pfr3_group] FS: PFR-3

Yahoo group: pfr3_group
Date: 2010-05-16 19:59:20 UTC
From: KB9BVN
Topic: 1473 Message: 1477

Nick,

I will install the chip and send the manual. The manual version I have is for the PFR-3A dated 03/1/2010 and as far as I know it has the latest updates in it from Steve KD1JV.

If you look on the PFR-3 Yahoo group files section you will see a couple of different versions of the PFR-3 manual. I'd suggest you get them all and print them for reference material in the event you would ever need to refer to them.

Thanks

73 de KB9BVN
Brian Murrey

----- Original Message -----
From: Nicholas Battaglia
To: pfr3_group@yahoogroups.com
Sent: Sunday, May 16, 2010 3:50 PM
Subject: RE: [pfr3_group] FS: PFR-3

Brian,

I would appreciate it if you could install the chip. Also do you have the manual?

I will send you a check Monday morning.

I look forward to working you on the air with the PFR-3.

73, Nick K2JMK

To: pfr3_group@...m
From: kb9bvn@...
Date: Sun, 16 May 2010 15:10:33 -0400
Subject: Re: [pfr3_group] FS: PFR-3

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Brian Murrey

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Sent: Sunday, May 16, 2010 12:30 PM
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From: kb9bvn@...
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Brian Murrey

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Hotmail is redefining busy with tools for the New Busy. Get more from your inbox. See how.

1478. Re: [pfr3_group] FS: PFR-3

Yahoo group: pfr3_group
Date: 2010-05-16 22:39:41 UTC
From: W2AGN
Topic: 1473 Message: 1478

On 5/16/10 3:50 PM, Nicholas Battaglia wrote:
>
>
> Brian,
>
> I would appreciate it if you could install the chip. Also do you have
> the manual?
>
> I will send you a check Monday morning.
>
> I look forward to working you on the air with the PFR-3.
>
> 73, Nick K2JMK
> ---
> To: pfr3_group@yahoogroups.com
> From: kb9bvn@...
> Date: Sun, 16 May 2010 15:10:33 -0400
> Subject: Re: [pfr3_group] FS: PFR-3
>
> Nick,
> Please mail payment to:
> Brian Murrey
> 47 Grassy Drive
> New Whiteland IN 46184
> Postal MO gets instant shipping, personal check I will wait a few days
> before shipping.
> I have the brand new keyer dhip from Steve KD1JV, and I have not
> installed it yet. It is supposed to fix a bug in the old chip, I
> never used the keyer memories anyway so it din't really cause me any
> trouble. Do you want me to send the new chip with the radio, or would
> you rather I install it before sending it to you?
> 73 de KB9BVN
> Brian Murrey
>
> ----- Original Message -----
> *From:* Nicholas Battaglia <mailto:nebatt@...>
> *To:* pfr3_group@yahoogroups.com <mailto:pfr3_group@yahoogroups.com>
> *Sent:* Sunday, May 16, 2010 12:30 PM
> *Subject:* RE: [pfr3_group] FS: PFR-3
>
> Brian,
> I would like to purchase PFR-3.
>
> Let me know how you want payment.
>

> Nick K2JMK
>
>
>
> ---
> To: pfr3_group@yahoogroups.com
> <mailto:pfr3_group@yahoogroups.com>; qrp-l@...
> <mailto:qrp-l@...>; qrp-l@...
> <mailto:qrp-l@...>; fpqrp-l@... <mailto:fpqrp-l@...>
> From: kb9bvn@... <mailto:kb9bvn@...>
> Date: Sun, 16 May 2010 09:33:12 -0400
> Subject: [pfr3_group] FS: PFR-3
>
> I have a PFR-3 radio for sale, it is one of the ones with the
> painted on
> lettering instead of the decals, in good working order, and was
> built by Lou
> W0TQ.
>
> Three bands, built in BLT tuner, excellent audio, new keyer chip
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> KD1JV.
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> Asking $210.00 shipped to the US. I will sell DX if the buyer is
> willing to
> pay the full shipping costs.
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> 73 de KB9BVN
> Brian Murrey
>
>
>
> ---
> The New Busy is not the old busy. Search, chat and e-mail from
> your inbox. Get started.
> <http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_
HMP:042010_3>
>
>
>
>
Curious minds wonder, why was it necessary to conduct this entire deal
ON LIST? With all previous messages quoted even?

John - W2AGN

1479. Sorry about that...

Yahoo group: pfr3_group
Date: 2010-05-16 22:47:39 UTC
From: KB9BVN
Topic: 1479 Message: 1479

I did not mean for the FS message followups to hit the list. My apologies.

73 de KB9BVN
Brian Murrey

1481. WTB: PFR-3

Yahoo group: pfr3_group
Date: 2010-05-21 20:49:29 UTC
From: W7NNN
Topic: 1481 Message: 1481

WTB: Assembled PFR-3 before Field Day.
Contact direct please! safetyboss2002@...
Tnx/73 Eric W7NNN

1482. Re: WTB: PFR-3

Yahoo group: pfr3_group
Date: 2010-05-22 17:43:37 UTC
From: k6jf_radio
Topic: 1481 Message: 1482

There is currently one on eBay:
http://cgi.ebay.com/Hendricks-PFR-3-3-band-QRP-Transceiver-/230476804490?cmd=ViewItem&pt=AU_Electronics_Radio_Equipment&hash=item35a97cf18a

Jim K6JF

1483. NEScaf filter as an AMP

Yahoo group: pfr3_group
Date: 2010-05-23 02:53:21 UTC
From: orangelite
Topic: 1483 Message: 1483

I just built a great little audio filter, "the NEScaf" kitted by the NE QRP club

http://newenglandqrp.org/nescaf

- the main reason I built it was to give some better cw selectivity to my old Argonaut 509 and my SWL Rockmite20.

Just for laughs, I tried it on my PFR-3: I was astounded by the fact that it is also a great audio amplifier! The NEScaf has an adjustable audio pot on the board to compensate for the filter's insertion loss, you can tweak a bit more and it really gives the PFR audio some punch: I have it so it drives my old Motorola speaker almost TOO loud at full CW. Since the PFR tuning is so narrow, you rarely need the filtering (in a contest maybe), but it sure does the job. I was able to cram the filter into a very small Mouser enclosure. If I was to do it again, I would mount an vol. adjust pot on the panel to make it easier to move from rig to rig. An elegant solution for the low audio "problem", and good tool to have around the shack- (and it's only $31!)

72 de k7hv (who just worked RV3FF with Mr. Yellow!)

1484. Re: NEScaf filter as an AMP

Yahoo group: pfr3_group
Date: 2010-05-23 13:04:11 UTC
From: n1rx
Topic: 1483 Message: 1484

Hi John.
Glad to hear that the NEScaf is working well for you. Yes, it was designed to have plenty of gain. The idea was to be able use the volume control on your rig, and just set the internal trimmer to match levels with the filter in and out. The result is plenty of extra gain.

Just wanted to let people know that we are running low on kits, and will be pausing briefly for rekitting. An issue these days is that many parts suppliers are keeping their inventories rather trim. This means back-orders are common. We are waiting on some capacitors and knobs for the next round. We expect to have a comfortable stock of kits again soon.

72/73 de Bruce, N1RX
for the New England QRP Club

--- In pfr3_group@yahoogroups.com, "orangelite" <jparnell@...> wrote:
>
> I just built a great little audio filter, "the NEScaf" kitted by the NE QRP club
>
> http://newenglandqrp.org/nescaf
>
> - the main reason I built it was to give some better cw selectivity to my old Argonaut 509 and my SWL Rockmite20.
>
> Just for laughs, I tried it on my PFR-3: I was astounded by the fact that it is also a great audio amplifier! The NEScaf has an adjustable audio pot on the board to compensate for the filter's insertion loss, you can tweak a bit more and it really gives the PFR audio some punch: I have it so it drives my old Motorola speaker almost TOO loud at full CW. Since the PFR tuning is so narrow, you rarely need the filtering (in a contest maybe), but it sure does the job. I was able to cram the filter into a very small Mouser enclosure. If I was to do it again, I would mount an vol. adjust pot on the panel to make it easier to move from rig to rig. An elegant solution for the low audio "problem", and good tool to have around the shack- (and it's only $31!)
>
> 72 de k7hv (who just worked RV3FF with Mr. Yellow!)
>

1485. Re: WTB: PFR-3

Yahoo group: pfr3_group
Date: 2010-05-24 19:41:56 UTC
From: W7NNN
Topic: 1481 Message: 1485

Thank you group. The radio has been purchased!
See you at FD
72 eric W7NNN

--- In pfr3_group@yahoogroups.com, "W7NNN" <safetyboss2002@...> wrote:
>
> WTB: Assembled PFR-3 before Field Day.
> Contact direct please! safetyboss2002@...
> Tnx/73 Eric W7NNN
>

1486. Feld Hell

Yahoo group: pfr3_group
Date: 2010-05-27 02:50:37 UTC
From: k9jri@att.net
Topic: 1486 Message: 1486

Is anyone aware of any QRP Feld Hell (Hellschreiber) activity using any of the popular QRP CW radios. It seems to me that any of the Feld Hell programs (like cocoaModem or fldigi) could drive a tone to on/off open collector CW keying circuit that would key the CW transmitter.

I don't see any real technical issues here but I am curious if this mode is being used by QRP operators and, if so, on which bands and frequencies?

73 - Mike - K9JRI

1487. Re: [pfr3_group] Feld Hell

Yahoo group: pfr3_group
Date: 2010-05-27 13:29:09 UTC
From: daleputnam@hotmail.com
Topic: 1486 Message: 1487

Might take a look at the "other" KD1JV radios the AT3b1 does digi nicely
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "k9jri@..." <k9jri@...>
Date: Thu, 27 May 2010 02:50:37
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Feld Hell

Is anyone aware of any QRP Feld Hell (Hellschreiber) activity using any of the popular QRP CW radios. It seems to me that any of the Feld Hell programs (like cocoaModem or fldigi) could drive a tone to on/off open collector CW keying circuit that would key the CW transmitter.

I don't see any real technical issues here but I am curious if this mode is being used by QRP operators and, if so, on which bands and frequencies?

73 - Mike - K9JRI

1488. Re: [pfr3_group] Feld Hell

Yahoo group: pfr3_group
Date: 2010-05-27 13:56:27 UTC
From: Blake Michael
Topic: 1486 Message: 1488

I can not find anything on the AT3b1. I believe the PFR3 and the NADC-40 (both on order) will work well on Feld Hell with a keyer. I have the circuit that should be more than fast enough for Feld Hell keying speeds. It is a circuit that W7AY recommended a few years ago. It was intended to convert CW audio output from a multimode program to on/off CW for a CW transmitter.

Michael Blake
k9jri@...

On May 27, 2010, at 9:29 AM, daleputnam@... wrote:

> Might take a look at the "other" KD1JV radios the AT3b1 does digi nicely
>
> Sent from my Verizon Wireless BlackBerry
>
> From: "k9jri@..." <k9jri@...>
> Date: Thu, 27 May 2010 02:50:37 -0000
> To: <pfr3_group@yahoogroups.com>
> Subject: [pfr3_group] Feld Hell
>
>
> Is anyone aware of any QRP Feld Hell (Hellschreiber) activity using any of the popular QRP CW radios. It seems to me that any of the Feld Hell programs (like cocoaModem or fldigi) could drive a tone to on/off open collector CW keying circuit that would key the CW transmitter.
>
> I don't see any real technical issues here but I am curious if this mode is being used by QRP operators and, if so, on which bands and frequencies?
>
> 73 - Mike - K9JRI
>
>
>

1489. Re: Feld Hell

Yahoo group: pfr3_group
Date: 2010-05-28 03:30:36 UTC
From: k6jf_radio
Topic: 1486 Message: 1489

The ATS-3B runs digi using PocketDigi. I have a version that runs on WindowsXP and it will do PSK, RTTY, CW, MFSK16, THROB, THROBX, FELD HELL, OLIVIA, CONTESTIA, and RTTYM.

Jim K6JF

1490. NADC-40

Yahoo group: pfr3_group
Date: 2010-05-28 22:22:09 UTC
From: k9jri@att.net
Topic: 1490 Message: 1490

Anyone doing a group for the NADC-40 yet? I ordered mine while on vacation here on The Isle of Palms, SC. Hopefully it will arrive in a few weeks and I can have fun building the little guy.

Just looking for any other NADC-40 guys.

I could not decide between the NADC-40 and the PFR3A so I ordered both. I am really hooked on these new kits. This is the most fun I have had in 20 years:)

73 - Mike - K9JRI

1491. 100 p COG

Yahoo group: pfr3_group
Date: 2010-05-31 18:27:15 UTC
From: Rich
Topic: 1491 Message: 1491

Can I substute the little 100 p COG 101 cap that came with the kit
with a ceramic-disk capacitor 100pf is stamped 101 on it. Radio Shack part # 272-0123

????
thank you in advance.
Rich NF8V

1492. Re: [pfr3_group] 100 p COG

Yahoo group: pfr3_group
Date: 2010-05-31 18:49:57 UTC
From: daleputnam@hotmail.com
Topic: 1491 Message: 1492

If the voltage rating is equal and it fits physically it will work, knowing how those critters have wings and use them, I won't ask.
Have a great build,
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "Rich" <nf8v@...>
Date: Mon, 31 May 2010 18:27:15
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] 100 p COG

Can I substute the little 100 p COG 101 cap that came with the kit
with a ceramic-disk capacitor 100pf is stamped 101 on it. Radio Shack part # 272-0123

????
thank you in advance.
Rich NF8V

1493. 100 p COG substitution by Ceramic.

Yahoo group: pfr3_group
Date: 2010-06-01 14:45:49 UTC
From: George Silver
Topic: 1493 Message: 1493

Rich NF8V.

The substitution of a COG type capacitor with a Ceramic depends on what it is used for. If the COG type is used in the clock circuit, or crystal circuit it was selected specifically because it has a very low capacitance change with thermal changes. Usually used in places that require a stable capacitor to achieve a stable reference or frequency or waveform performance.

See the description docs at the vendors selling those capacitors for the sensitivity..

--
George. KD4WSI

1494. Re: 100 p COG substitution by Ceramic.

Yahoo group: pfr3_group
Date: 2010-06-01 20:41:34 UTC
From: Rich
Topic: 1493 Message: 1494

thank you
I found the correct ones on ebay and bought a bag to be safe.

--- In pfr3_group@yahoogroups.com, George Silver <silver.george@...> wrote:
>
> Rich NF8V.
>
> The substitution of a COG type capacitor with a Ceramic depends on what it
> is used for. If the COG type is used in the clock circuit, or crystal
> circuit it was selected specifically because it has a very low capacitance
> change with thermal changes. Usually used in places that require a stable
> capacitor to achieve a stable reference or frequency or waveform
> performance.
>
> See the description docs at the vendors selling those capacitors for the
> sensitivity..
>
>
>
> --
> George. KD4WSI
>

1495. Re: 100 p COG

Yahoo group: pfr3_group
Date: 2010-06-01 20:42:32 UTC
From: Rich
Topic: 1491 Message: 1495

thank you
I found the correct ones on ebay and bought a bag to be safe.

73
Rich
--- In pfr3_group@yahoogroups.com, daleputnam@... wrote:
>
> If the voltage rating is equal and it fits physically it will work, knowing how those critters have wings and use them, I won't ask.
> Have a great build,
> Sent from my Verizon Wireless BlackBerry
>
> -----Original Message-----
> From: "Rich" <nf8v@...>
> Date: Mon, 31 May 2010 18:27:15
> To: <pfr3_group@yahoogroups.com>
> Subject: [pfr3_group] 100 p COG
>
> Can I substute the little 100 p COG 101 cap that came with the kit
> with a ceramic-disk capacitor 100pf is stamped 101 on it. Radio Shack part # 272-0123
>
> ????
> thank you in advance.
> Rich NF8V
>

1496. Re: [pfr3_group] Re: 100 p COG substitution by Ceramic.

Yahoo group: pfr3_group
Date: 2010-06-01 21:42:26 UTC
From: daleputnam@hotmail.com
Topic: 1493 Message: 1496

Great, wanna split the bag and cost?
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "Rich" <nf8v@...>
Date: Tue, 01 Jun 2010 20:41:34
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Re: 100 p COG substitution by Ceramic.

thank you
I found the correct ones on ebay and bought a bag to be safe.

--- In pfr3_group@yahoogroups.com, George Silver <silver.george@...> wrote:
>
> Rich NF8V.
>
> The substitution of a COG type capacitor with a Ceramic depends on what it
> is used for. If the COG type is used in the clock circuit, or crystal
> circuit it was selected specifically because it has a very low capacitance
> change with thermal changes. Usually used in places that require a stable
> capacitor to achieve a stable reference or frequency or waveform
> performance.
>
> See the description docs at the vendors selling those capacitors for the
> sensitivity..
>
>
>
> --
> George. KD4WSI
>

1497. Re: 100 p COG substitution by Ceramic.

Yahoo group: pfr3_group
Date: 2010-06-03 02:28:53 UTC
From: Rich
Topic: 1493 Message: 1497

Naw! there cheap.
2.95 for 15 and it includes shipping:
http://stores.ebay.com/Electronics-Signs-and-Fun-Stuff
And I bought some qrp comp cap's here:
http://www.teamnovac.com
25 pack though.
The latter company lists under the spec's not the digtal referance #

Ill just toss the extras in my parts box for a rainy day.

thank you for your help. 73
Rich
--- In pfr3_group@yahoogroups.com, daleputnam@... wrote:
>
> Great, wanna split the bag and cost?
> Sent from my Verizon Wireless BlackBerry
>
> -----Original Message-----
> From: "Rich" <nf8v@...>
> Date: Tue, 01 Jun 2010 20:41:34
> To: <pfr3_group@yahoogroups.com>
> Subject: [pfr3_group] Re: 100 p COG substitution by Ceramic.
>
> thank you
> I found the correct ones on ebay and bought a bag to be safe.
>
> --- In pfr3_group@yahoogroups.com, George Silver <silver.george@> wrote:
> >
> > Rich NF8V.
> >
> > The substitution of a COG type capacitor with a Ceramic depends on what it
> > is used for. If the COG type is used in the clock circuit, or crystal
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> > change with thermal changes. Usually used in places that require a stable
> > capacitor to achieve a stable reference or frequency or waveform
> > performance.
> >
> > See the description docs at the vendors selling those capacitors for the
> > sensitivity..
> >
> >
> >
> > --
> > George. KD4WSI
> >

>

1498. RE: [pfr3_group] Re: 100 p COG substitution by Ceramic.

Yahoo group: pfr3_group
Date: 2010-06-03 02:31:57 UTC
From: Dale Putnam
Topic: 1493 Message: 1498

Great, glad you got em, and very glad that you included the links.

Thank you and Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nf8v@...
Date: Thu, 3 Jun 2010 02:28:53 +0000
Subject: [pfr3_group] Re: 100 p COG substitution by Ceramic.

Naw! there cheap.
2.95 for 15 and it includes shipping:
http://stores.ebay.com/Electronics-Signs-and-Fun-Stuff
And I bought some qrp comp cap's here:
http://www.teamnovac.com
25 pack though.
The latter company lists under the spec's not the digtal referance #

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thank you for your help. 73
Rich
--- In pfr3_group@yahoogroups.com, daleputnam@... wrote:
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> Sent from my Verizon Wireless BlackBerry
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> -----Original Message-----
> From: "Rich" <nf8v@...>
> Date: Tue, 01 Jun 2010 20:41:34
> To: <pfr3_group@yahoogroups.com>
> Subject: [pfr3_group] Re: 100 p COG substitution by Ceramic.
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> > change with thermal changes. Usually used in places that require a stable
> > capacitor to achieve a stable reference or frequency or waveform

> > performance.
> >
> > See the description docs at the vendors selling those capacitors for the
> > sensitivity..
> >
> >
> >
> > --
> > George. KD4WSI
> >
>

_____
The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail.
http://www.windowslive.com/campaign/thenewbusy?tile=multicalendar&ocid=PID28326::T:WLMTAGL
:ON:WL:en-US:WM_HMP:042010_5

1499. crystals ao 49 j8z how to read the ratings

Yahoo group: pfr3_group
Date: 2010-06-04 00:09:09 UTC
From: Rich
Topic: 1499 Message: 1499

crystals (X1,X2,X3,X4,X5)"ao 49 j8z" how do I read the ratings?

I need 1, I find low profiles on ebay
6 pcs. 3.579545 MHz 3.579545MHz Crystal HC-49/S
6 pcs. 20.000 MHz 20 MHz Crystal HC-49/S Low Profile
2 pcs. 10.000 MHz 10 MHz Crystal HC-49/S Low Profile

I the pfr manual I only need one. I am moving all my parts to another board (I botched the first one). I was trimming solder with a dremel and a separating disk.... arrgggg... I slipped and punched a hole into it.

I also need a 2.2 uhy RFC (red red gold gold) (one as well).

I cant seem to find a source on the net, I don't want to make Steves job any harder filling orders.
So Im trying to buy the 2 items I need.
can anyone help point me to a vendor or can I buy some overstock anywhere?
thank you in advance.
73 Rich NF8V nf8v at rocketmail.com

1500. Re: [pfr3_group] crystals ao 49 j8z how to read the ratings

Yahoo group: pfr3_group
Date: 2010-06-04 04:45:53 UTC
From: sigcom@juno.com
Topic: 1499 Message: 1500

Rich,

Man, DITCH THE DREMEL TOOL for this project!! Don't get that thing anywhere near your PC board!!!

If you can't afford a pair of flush-cutters, wait until you can before you proceed!!

73.......Steve Smith WB6TNL

---------- Original Message ----------

crystals (X1,X2,X3,X4,X5)"ao 49 j8z" how do I read the ratings?

I need 1, I find low profiles on ebay
6 pcs. 3.579545 MHz 3.579545MHz Crystal HC-49/S
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can anyone help point me to a vendor or can I buy some overstock anywhere?
thank you in advance.
73 Rich NF8V nf8v at rocketmail.com

1501. Re: crystals ao 49 j8z how to read the ratings

Yahoo group: pfr3_group
Date: 2010-06-04 11:49:31 UTC
From: Rich
Topic: 1499 Message: 1501

Now although that is good advice. It did not awnser the question.

I was trying to grind off the solder w/o over heating the xtal.
I used a solder sucker on the pins of the xtal. I was trying separate the can from the board, it worked on 2 others.

lesson learned, I would not do it again.

Rich

--- In pfr3_group@yahoogroups.com, "sigcom@..." <sigcom@...> wrote:
>
> Rich,
>
> Man, DITCH THE DREMEL TOOL for this project!! Don't get that thing anywhere near your PC board!!!
>
> If you can't afford a pair of flush-cutters, wait until you can before you proceed!!
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
>
> crystals (X1,X2,X3,X4,X5)"ao 49 j8z" how do I read the ratings?
>
> I need 1, I find low profiles on ebay
> 6 pcs. 3.579545 MHz 3.579545MHz Crystal HC-49/S
> 6 pcs. 20.000 MHz 20 MHz Crystal HC-49/S Low Profile
> 2 pcs. 10.000 MHz 10 MHz Crystal HC-49/S Low Profile
>
> I the pfr manual I only need one. I am moving all my parts to another board (I botched the first one). I was trimming solder with a dremel and a separating disk.... arrgggg... I slipped and punched a hole into it.
>
>
> I also need a 2.2 uhy RFC (red red gold gold) (one as well).
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> So Im trying to buy the 2 items I need.
> can anyone help point me to a vendor or can I buy some overstock anywhere?
> thank you in advance.
> 73 Rich NF8V nf8v at rocketmail.com
>

1502. Re: [pfr3_group] Re: crystals ao 49 j8z how to read the ratings

Yahoo group: pfr3_group
Date: 2010-06-04 13:28:41 UTC
From: sigcom@juno.com
Topic: 1499 Message: 1502

Rich,

Yes, I apologize for not trying to help you solve the immediate problem but use of a Dremel Tool to remove components shocked me and I didn't quite understand what you were saying about the crystal in your first email.

Anyway, none of the crystals in your list match what you want. The crystal you're looking for is a 4.9152 MHz in an HC-49US holder (it says 'HU-49US' in the manual but I'm fairly certain that's a typo). The problem is that there are other spec's. you need to know so that the replacement crystal matches the good ones you removed and those aren't stated in the manual.

Maybe someone in the Group knows more about the crystals in the PFR than I do and can give you some guidance but my recommendation would be to ask Steve. Also, that crystal will be relatively inexpensive so I'd recommend replacing all 5 just in case you croaked one or more of the others during removal (you can't always determine the crystal's condition by its outside appearance).

As far as the 2.2uH inductor goes, that's fairly well a 'garden variety' part and can be obtained from most any parts vendor.

I'll look in my parts stash and send you one if I have it.

73......Steve Smith WB6TNL

---------- Original Message ----------

Now although that is good advice. It did not awnser the question.

I was trying to grind off the solder w/o over heating the xtal.
I used a solder sucker on the pins of the xtal. I was trying separate the can from the board, it worked on 2 others.

lesson learned, I would not do it again.

Ric

1503. Re: [pfr3_group] Re: crystals ao 49 j8z how to read the ratings

Yahoo group: pfr3_group
Date: 2010-06-04 15:08:31 UTC
From: daleputnam@hotmail.com
Topic: 1499 Message: 1503

It may be a few days before Steve catches up He a bit off sked right now.
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "sigcom@juno.com" <sigcom@juno.com>
Date: Fri, 4 Jun 2010 13:28:41
To: <pfr3_group@yahoogroups.com>
Subject: Re: [pfr3_group] Re: crystals ao 49 j8z how to read the ratings

Rich,

Yes, I apologize for not trying to help you solve the immediate problem but use of a Dremel Tool to remove components shocked me and I didn't quite understand what you were saying about the crystal in your first email.

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73......Steve Smith WB6TNL

---------- Original Message ----------

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lesson learned, I would not do it again.

Ric

1504. Re: crystals ao 49 j8z how to read the ratings

Yahoo group: pfr3_group
Date: 2010-06-04 20:03:39 UTC
From: Rich
Topic: 1499 Message: 1504

Thank you Steve. I spent 20 years as a jeweler, Sometimes I
go into Goldsmith mode and problem solve a little differently.
No need to apologize, in the past you have answered questions
for me.... A True Amateur from the old days I appreciate your comments
I'm 48 now my eyes are not very good anymore. When I was 17 on, I built quite a few Heathkits. my first call was KA7TZW (Novice). I cant work right now and I wanted to start building again for something to do. Kits as in Jewelry I like working with small things, I have found im not as sharp at building like when I was 17 through my 20's. It disappoints me,
73
Rich NF8V

PS if you do find a 2.2uH inductor I will gladly pay you for it.

--- In pfr3_group@yahoogroups.com, "sigcom@..." <sigcom@...> wrote:
>
> Rich,
>
> Yes, I apologize for not trying to help you solve the immediate problem but use of a Dremel Tool to remove components shocked me and I didn't quite understand what you were saying about the crystal in your first email.
>
> Anyway, none of the crystals in your list match what you want. The crystal you're looking for is a 4.9152 MHz in an HC-49US holder (it says 'HU-49US' in the manual but I'm fairly certain that's a typo). The problem is that there are other spec's. you need to know so that the replacement crystal matches the good ones you removed and those aren't stated in the manual.
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> Maybe someone in the Group knows more about the crystals in the PFR than I do and can give you some guidance but my recommendation would be to ask Steve. Also, that crystal will be relatively inexpensive so I'd recommend replacing all 5 just in case you croaked one or more of the others during removal (you can't always determine the crystal's condition by its outside appearance).
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> As far as the 2.2uH inductor goes, that's fairly well a 'garden variety' part and can be obtained from most any parts vendor.
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> I'll look in my parts stash and send you one if I have it.
>
> 73......Steve Smith WB6TNL
>
>
>
> ---------- Original Message ----------
>

> Now although that is good advice. It did not awnser the question.
>
> I was trying to grind off the solder w/o over heating the xtal.
> I used a solder sucker on the pins of the xtal. I was trying separate the can from the board, it worked on 2 others.
>
> lesson learned, I would not do it again.
>
> Ric
>

1505. pfr3 unit for sales

Yahoo group: pfr3_group
Date: 2010-06-05 17:03:51 UTC
From: n5drb
Topic: 1505 Message: 1505

Hello all,

I'm cleaning out my shack and I have for sale a fully built PFR 3 unit with the paddles.

I'm asking $225 plus shipping.

I will be glad to send pictures of the unit.
just drop me an E-mail to dburton@...

Dennis, n5drb

1506. PFR-3A Arrived Today

Yahoo group: pfr3_group
Date: 2010-06-09 21:30:02 UTC
From: k9jri@att.net
Topic: 1506 Message: 1506

I just finished the NADC-40 this morning and the PFR-3A was in the afternoon mail. This is my last kit for a while having already built the BitX20A and the NADC-40 in the last two months.

I hope this kit works as well as the other two. They both worked first time although I did have a bit of trouble with the first digital dial. All my own problems though :)

73 - Mike - K9JRI

1508. RE: [pfr3_group] need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)

Yahoo group: pfr3_group
Date: 2010-06-09 23:14:45 UTC
From: Dale Putnam
Topic: 1507 Message: 1508

You might wind 30 turns of #30 on a 37-6 core ... if there is room.

Do you have one of those?

If not, I do.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nf8v@...
Date: Wed, 9 Jun 2010 22:48:33 +0000
Subject: [pfr3_group] need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)

need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)

Does any body have a spare laying around I could buy?

Or a source where I can buy a small package?

Iv googled it, all I find there are SMD's, I have digikeyed it and it comes up with no maches.

thanks for looking.
Rich NF8V

_____
The New Busy is not the too busy. Combine all your e-mail accounts with Hotmail.
http://www.windowslive.com/campaign/thenewbusy?tile=multiaccount&ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_4

1509. Re: need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)

Yahoo group: pfr3_group
Date: 2010-06-09 23:37:58 UTC
From: Rich
Topic: 1507 Message: 1509

Hi Dale
Thank you for the offer but its really to tight I think, 1.25mm X 5.90mm its right between 2 cap's and squished against the SMT section on the PFR-3A.

Rich
--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> You might wind 30 turns of #30 on a 37-6 core ... if there is room.
>
> Do you have one of those?
>
> If not, I do.
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: nf8v@...
> Date: Wed, 9 Jun 2010 22:48:33 +0000
> Subject: [pfr3_group] need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)
>
>
>
>
>
> need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)
>
> Does any body have a spare laying around I could buy?
>
> Or a source where I can buy a small package?
>
> Iv googled it, all I find there are SMD's, I have digikeyed it and it comes up with no maches.
>
> thanks for looking.
> Rich NF8V
>
>
>
>
>

> _____
> The New Busy is not the too busy. Combine all your e-mail accounts with Hotmail.
> http://www.windowslive.com/campaign/thenewbusy?tile=multiaccount&ocid=PID28326::T:WLMTAG
L:ON:WL:en-US:WM_HMP:042010_4
>

1510. RE: [pfr3_group] Re: need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)

Yahoo group: pfr3_group
Date: 2010-06-10 02:33:48 UTC
From: Dale Putnam
Topic: 1507 Message: 1510

Yep, that's too tight a place for a toroid. Let me look, I think I have one, what's your address?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nf8v@...
Date: Wed, 9 Jun 2010 23:37:58 +0000
Subject: [pfr3_group] Re: need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)

Hi Dale
Thank you for the offer but its really to tight I think, 1.25mm X 5.90mm its right between 2 cap's and squished against the SMT section on the PFR-3A.

Rich
--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> You might wind 30 turns of #30 on a 37-6 core ... if there is room.
>
> Do you have one of those?
>
> If not, I do.
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: nf8v@...
> Date: Wed, 9 Jun 2010 22:48:33 +0000
> Subject: [pfr3_group] need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)
>
>
>
>
>
> need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)
>
> Does any body have a spare laying around I could buy?
>
> Or a source where I can buy a small package?
>

> Iv googled it, all I find there are SMD's, I have digikeyed it and it comes up with no maches.
>
> thanks for looking.
> Rich NF8V
>
>
>
>
>
> _____
> The New Busy is not the too busy. Combine all your e-mail accounts with Hotmail.
> http://www.windowslive.com/campaign/thenewbusy?tile=multiaccount&ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_4
>

_____
The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail.
http://www.windowslive.com/campaign/thenewbusy?tile=multicalendar&ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_5

1511. Re: need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)

Yahoo group: pfr3_group
Date: 2010-06-10 04:26:41 UTC
From: Rich
Topic: 1507 Message: 1511

I can pay you somethink for it. It would be nice if you have one.

Rich Ullery NF7D
724 Earl St.
Toledo Ohio 43605

I will be able to finnish my PFR with it.
(grin)
73
Rich
--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Yep, that's too tight a place for a toroid. Let me look, I think I have one, what's your address?
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: nf8v@...
> Date: Wed, 9 Jun 2010 23:37:58 +0000
> Subject: [pfr3_group] Re: need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)
>
>
>
>
>
>
> Hi Dale
> Thank you for the offer but its really to tight I think, 1.25mm X 5.90mm its right between 2 cap's and squished against the SMT section on the PFR-3A.
>
> Rich
> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
> >
> >
> > You might wind 30 turns of #30 on a 37-6 core ... if there is room.
> >
> > Do you have one of those?
> >
> > If not, I do.

> >
> > --... ...-- Dale - WC7S in Wy
> >
> >
> >
> >
> >
> > To: pfr3_group@yahoogroups.com
> > From: nf8v@
> > Date: Wed, 9 Jun 2010 22:48:33 +0000
> > Subject: [pfr3_group] need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)
> >
> >
> >
> >
> >
> > need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)
> >
> > Does any body have a spare laying around I could buy?
> >
> > Or a source where I can buy a small package?
> >
> > Iv googled it, all I find there are SMD's, I have digikeyed it and it comes up with no
maches.
> >
> > thanks for looking.
> > Rich NF8V
> >
> >
> >
> >
> >
> > _____
> > The New Busy is not the too busy. Combine all your e-mail accounts with Hotmail.
> > http://www.windowslive.com/campaign/thenewbusy?tile=multiaccount&ocid=PID28326::T:WLMT
AGL:ON:WL:en-US:WM_HMP:042010_4
> >
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> _____
> The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail.
> http://www.windowslive.com/campaign/thenewbusy?tile=multicalendar&ocid=PID28326::T:WLMTA
GL:ON:WL:en-US:WM_HMP:042010_5
>

1512. Re: need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)

Yahoo group: pfr3_group
Date: 2010-06-10 10:05:47 UTC
From: Rich
Topic: 1507 Message: 1512

I accidentally mentioned my old call. NF7D, I am now NF8V.

--- In pfr3_group@yahoogroups.com, "Rich" <nf8v@...> wrote:
>
>
> I can pay you somethink for it. It would be nice if you have one.
>
> Rich Ullery NF7D
> 724 Earl St.
> Toledo Ohio 43605
>
> I will be able to finnish my PFR with it.
> (grin)
> 73
> Rich
> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
> >
> >
> > Yep, that's too tight a place for a toroid. Let me look, I think I have one, what's your address?
> >
> > --... ...-- Dale - WC7S in Wy
> >
> >
> >
> >
> >
> > To: pfr3_group@yahoogroups.com
> > From: nf8v@
> > Date: Wed, 9 Jun 2010 23:37:58 +0000
> > Subject: [pfr3_group] Re: need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)
> >
> >
> >
> >
> >
> >
> >
> > Hi Dale
> > Thank you for the offer but its really to tight I think, 1.25mm X 5.90mm its right between 2 cap's and squished against the SMT section on the PFR-3A.
> >
> > Rich
> > --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
> > >
> > >

> > > You might wind 30 turns of #30 on a 37-6 core ... if there is room.
> > >
> > > Do you have one of those?
> > >
> > > If not, I do.
> > >
> > > --... ...-- Dale - WC7S in Wy
> > >
> > >
> > >
> > >
> > >
> > > To: pfr3_group@yahoogroups.com
> > > From: nf8v@
> > > Date: Wed, 9 Jun 2010 22:48:33 +0000
> > > Subject: [pfr3_group] need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)
> > >
> > >
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> > >
> > > need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)
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> > > Does any body have a spare laying around I could buy?
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> > > Or a source where I can buy a small package?
> > >
> > > Iv googled it, all I find there are SMD's, I have digikeyed it and it comes up with no maches.
> > >
> > > thanks for looking.
> > > Rich NF8V
> > >
> > >
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> > >
> > >
> > >
> > > _____
> > > The New Busy is not the too busy. Combine all your e-mail accounts with Hotmail.
> > > http://www.windowslive.com/campaign/thenewbusy?tile=multiaccount&ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_4
> > >
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> >
> > _____
> > The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail.
> > http://www.windowslive.com/campaign/thenewbusy?tile=multicalendar&ocid=PID28326::T:WLM

TAGL:ON:WL:en-US:WM_HMP:042010_5
> >
>

1513. Re: PFR-3A Arrived Today

Yahoo group: pfr3_group
Date: 2010-06-10 19:47:01 UTC
From: k9jri@att.net
Topic: 1506 Message: 1513

Today was a great day to go to the shooting range so I did not start any building. I did place the decals though and that took about 1.5 hours. They look pretty good though and will be ready for the Krylon Matte spray tomorrow morning.

More progress reports will follow :)

73 - Mike - K9JRI

1514. Re: PFR-3A Arrived Today

Yahoo group: pfr3_group
Date: 2010-06-11 01:32:44 UTC
From: lahagar1@aol.com
Topic: 1506 Message: 1514

Hi Guys: here is a short ~3 min. video I made showing the labels going on a PFR-3A case

http://www.youtube.com/user/NG9D#p/u/10/lFtlSPw7GZA

73, Lynn
NG9D . .

1515. Re: PFR-3A Arrived Today - Update 2

Yahoo group: pfr3_group
Date: 2010-06-12 13:59:42 UTC
From: k9jri@att.net
Topic: 1506 Message: 1515

All is going well thus far. The paddle works well and all of the receiver and transmitter pre tests were passed with flying colors. I am now on page 12 where the lo pass filter coils are wound and installed. Only about 8 components left to mount other than the coils/transformers.

Very nice kit!

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "k9jri@..." <k9jri@...> wrote:
>
> I just finished the NADC-40 this morning and the PFR-3A was in the afternoon mail. This is my last kit for a while having already built the BitX20A and the NADC-40 in the last two months.
>
> I hope this kit works as well as the other two. They both worked first time although I did have a bit of trouble with the first digital dial. All my own problems though :)
>
> 73 - Mike - K9JRI
>

1516. For Sale early pfr3

Yahoo group: pfr3_group
Date: 2010-06-12 16:24:27 UTC
From: n5drb
Topic: 1516 Message: 1516

Reducing my inventory of rigs in the shack. I have a pfr3 early unit with the silk screened case and paddles. It is ready to operate, I'm asking $200.

Dennis, N5DRB

1517. Re: PFR-3A Arrived Today - update 3

Yahoo group: pfr3_group
Date: 2010-06-12 19:30:52 UTC
From: k9jri@att.net
Topic: 1506 Message: 1517

Well the PFR-3A is built but not 100%. I believe I either reversed a winding on T2 or mixed up the primary and secondary wires on one end. The SWR LED is always bright which makes me think I transposed a primary and secondary wire on one end.

Power is a bit low on 30M. Only 2.5 watts on 30 but good on 20M & 40M. My guess is an extra turn on either L10 or L11. That won't be too hard to check out. Everything else seems perfect but I won't know for sure until I get the SWR bridge working correctly so that I can check out the BLT.

The receiver is really sharp. Noticeably narrower bandwidth than the NADC-40.

I will let you know what I screwed up :)

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "k9jri@..." <k9jri@...> wrote:
>
> Today was a great day to go to the shooting range so I did not start any building. I did place the decals though and that took about 1.5 hours. They look pretty good though and will be ready for the Krylon Matte spray tomorrow morning.
>
> More progress reports will follow :)
>
> 73 - Mike - K9JRI
>

1518. PFR3A- Group 1 Smoke test problem with DDS chip??

Yahoo group: pfr3_group
Date: 2010-06-13 12:30:03 UTC
From: bobpaiva@ymail.com
Topic: 1518 Message: 1518

I have just started building my PFR3A and did the first smoke checks. All was well till I tried doing the last check, "General coverage reciever tuned about 11.9452 Mhz(+/- 1 khz)with a short pickup lead for an antenna placed near the DDS chip (U6)"

There was some noise on the freq before I started. I used a short piece of coax (1 foot) with a 12" alligator lead.
I checked all of my solder joints, not a problem that I can see.

Should the result of the test be a very strong sound or soft?
Does it sound like something went really wrong?

This newbie to CW would appreciate all comments or suggestions.
73
BOB

1519. RE: [pfr3_group] PFR3A- Group 1 Smoke test problem with DDS chip??

Yahoo group: pfr3_group
Date: 2010-06-13 13:45:27 UTC
From: Dale Putnam
Topic: 1518 Message: 1519

With the alligator clip lead...laying on U6, the other end of the lead to the center of the coax connected to your receiver, the signal should be very noticable, an S 4 or more. With that short antenna, the background noise in the rx should be very minimal, S-zero. You may need to tune your rx a little one way or the other to find it. Lay the lead across U6, to minimize body pickup, turn the lead loose, but insure it doesn't jump back onto the PRF3, shorting something would not be a good thing.

Good Luck,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: bobpaiva@ymail.com
Date: Sun, 13 Jun 2010 12:30:03 +0000
Subject: [pfr3_group] PFR3A- Group 1 Smoke test problem with DDS chip??

I have just started building my PFR3A and did the first smoke checks. All was well till I tried doing the last check, "General coverage reciever tuned about 11.9452 Mhz(+/- 1 khz)with a short pickup lead for an antenna placed near the DDS chip (U6)"

There was some noise on the freq before I started. I used a short piece of coax (1 foot) with a 12" alligator lead.
I checked all of my solder joints, not a problem that I can see.

Should the result of the test be a very strong sound or soft?
Does it sound like something went really wrong?

This newbie to CW would appreciate all comments or suggestions.
73
BOB

_____
Hotmail is redefining busy with tools for the New Busy. Get more from your inbox.
http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_2

1520. Group 2 smoke test : low receive sensitivity

Yahoo group: pfr3_group
Date: 2010-06-13 14:50:16 UTC
From: Jacques
Topic: 1520 Message: 1520

Hi Group,

Jake, ON4YZ here. I started assembling the PFR-3 yesterday and Group 1 smoke test was ok.

Now I'm in Group2 smoke test and I'm not happy with the performance of the receiver. Though lot of users say how wonderful the PFR-3 is. And I believe them. I must have do something wrong. I made T1 according to the description. When I pick the antenna on the hot point of C2 the signal is much stronger.

Voltages mesured with DVM
Voltage regulator U5 is 78L05 : in=12.04, out=5.05
U10 :in=5.05, out=3.30

U1,U2 SA612:
P1=1.38, P2=1.38, P3=0, P4=3.86, P5=3.88, P6=4.92, P7=4.38, P8=5.05

U3 LM358:
P1=4.62, P2=4.64, P3=3.15, P4=0, P5=4.62, P6=4.62, P7= 4.61, P8=12.04

U4 LM386
P1=1.37,P2=P3=P4=0, P5=5.89, P6=12.02, P7=5.92, P8=1.37

Any help would be very much appreciate.

72 de Jake, ON4YZ

1521. Re: [pfr3_group] Group 2 smoke test : low receive sensitivity

Yahoo group: pfr3_group
Date: 2010-06-13 15:58:05 UTC
From: Mike Malone
Topic: 1520 Message: 1521

I had similar problems and my issue was with T1. I rewound it, finding I had not done it exactly as per the instructions and it made a world of difference. Please share with the group when you find out what the problem is.

Mike KD5KXF

On Sun, Jun 13, 2010 at 9:50 AM, Jacques <jacques.matlet@methodic.be> wrote:

>
>
> Hi Group,
>
> Jake, ON4YZ here. I started assembling the PFR-3 yesterday and Group 1
> smoke test was ok.
>
> Now I'm in Group2 smoke test and I'm not happy with the performance of the
> receiver. Though lot of users say how wonderful the PFR-3 is. And I believe
> them. I must have do something wrong. I made T1 according to the
> description. When I pick the antenna on the hot point of C2 the signal is
> much stronger.
>
> Voltages mesured with DVM
> Voltage regulator U5 is 78L05 : in=12.04, out=5.05
> U10 :in=5.05, out=3.30
>
> U1,U2 SA612:
> P1=1.38, P2=1.38, P3=0, P4=3.86, P5=3.88, P6=4.92, P7=4.38, P8=5.05
>
> U3 LM358:
> P1=4.62, P2=4.64, P3=3.15, P4=0, P5=4.62, P6=4.62, P7= 4.61, P8=12.04
>
> U4 LM386
> P1=1.37,P2=P3=P4=0, P5=5.89, P6=12.02, P7=5.92, P8=1.37
>
> Any help would be very much appreciate.
>
> 72 de Jake, ON4YZ
>
>
>

1522. Re: [pfr3_group] Group 2 smoke test : low receive sensitivity

Yahoo group: pfr3_group
Date: 2010-06-13 16:14:58 UTC
From: Jacques
Topic: 1520 Message: 1522

Hi Mike,

Thanks for your comment. Issue with T1 is what I suspect too, because C1/C2 doesn't really peak. I have unsoldered and re-inspected it over and over. The problem is : how well did I understand the instructions from the manual. Has I see the drawing only shows the beginning and the end of the winding. Could you give some more precise information about how you did the second time and/or what was different?

73 de Jake, ON4YZ

>I had similar problems and my issue was with T1. I rewound it, finding I had not done it exactly as per the instructions
>and it made a world of difference. Please share with the group when you find out what the problem is.

>Mike KD5KXF

1523. Re: [pfr3_group] PFR3A- Group 1 Smoke test problem with DDS chip??

Yahoo group: pfr3_group
Date: 2010-06-13 16:56:16 UTC
From: lahagar1@aol.com
Topic: 1518 Message: 1523

Hi Bob,

I made a video so you can hear what the Group one test sounds like:

http://www.youtube.com/user/NG9D#p/u/6/W0pw6V_qhss

73, Lynn
NG9D

-----Original Message-----
From: bobpaiva@... <bobpaiva@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, Jun 13, 2010 7:30 am
Subject: [pfr3_group] PFR3A- Group 1 Smoke test problem with DDS chip??

I have just started building my PFR3A and did the first smoke checks. All was well till I tried doing the last check, "General coverage reciever tuned about 11.9452 Mhz(+/- 1 khz)with a short pickup lead for an antenna placed near the DDS chip (U6)"

There was some noise on the freq before I started. I used a short piece of coax (1 foot) with a 12" alligator lead.
I checked all of my solder joints, not a problem that I can see.

Should the result of the test be a very strong sound or soft?
Does it sound like something went really wrong?

This newbie to CW would appreciate all comments or suggestions.
73
BOB

1524. Tune - Operate probem

Yahoo group: pfr3_group
Date: 2010-06-13 17:43:28 UTC
From: k9jri@att.net
Topic: 1524 Message: 1524

Everything works 100% on the PFR-3A that I completed yesterday except the SWR LED. My LED is full brilliance whenever the switch is in the tune position. It does not matter if the antenna connector is open or f a 50 ohm dummy load is connected.

I have removed and re-wound T2 paying particular attention to the direction of both windings even though I don't think that is critical.

I have performed normal Wheatstone Bridge DC resistance tests indicating that R49, R50 & R51 are the correct values and that the 5 turn primary of T2 is properly connected and has continuity as does the connection through S9 to the antenna connector.

D3 tests good although I have not replaced it. I have removed R48 and replaced it with much higher values thinking that the LED (D4) might have been much more sensitive that originally called for. I can get almost full brilliance on D4 with a 10K resistor in R48.

It is almost as though the core material is wrong.... acting more like a capacitor than a transformer. There is a typo in the document calling the core an FT37-43 on the schematic and parts list (2 cores) but was called a FT43-37 in the installation step on page 11 of the manual.

Has your SWR LED test function performed correctly?

Any ideas??? There are only 7 components in the whole circuit.

1525. menu

Yahoo group: pfr3_group
Date: 2010-06-13 19:34:49 UTC
From: W7NNN
Topic: 1525 Message: 1525

Hi,
My menu won't come up even after disconnection power for a while and keyer won't work. Is their a reset i should be looking for?
eric w7nnn

1526. Re: Group 2 smoke test : low receive sensitivity

Yahoo group: pfr3_group
Date: 2010-06-13 20:39:12 UTC
From: Jacques
Topic: 1520 Message: 1526

I tried several to count the windings on L1, finally I took one turn off. Now I can peak and hear a lot more stations. Now I'm going to try counting the turns on T1.

Thanks for your help and suggestions.

72 de Jake, ON4YZ

>
> >I had similar problems and my issue was with T1. I rewound it, finding I
> had not done it exactly as per the instructions
> >and it made a world of difference. Please share with the group when you
> find out what the problem is.
>
> >Mike KD5KXF
>

1527. TX problem...

Yahoo group: pfr3_group
Date: 2010-06-13 22:30:32 UTC
From: bbotlqw
Topic: 1527 Message: 1527

Just finished assembling my PFR3, and ran into a problem. During the TX smoke test, I didn't get a reading on pins 1 and 13 of U8, but did not think much of it, as it said since the signal there is a square wave, the DMM might have a problem reading it. Since the voltage on L7 was OK, I continued. But when I first tried the rig, I switched it to tune, and keyed up, but the led didn't light up. Switched back to operate and tried to answer some CQs, but never a response (by the way, I screwed up my dummy load/wattmeter... have to fix that too!). Started checking some voltages, and realized that when I check R37 and key up, the led lights up, and I get some voltages on pins 1 and 13 of U8! And if I keep on keying, it will continue. But as soon as I stop and try keying up again without the Voltmeter across R37 (or pins 8 & 9 of U8), no TX. But whenever the Multimeter is connected across R37 and I key up, bingo! I have checked all of the solder joints, removed and reinstalled U8, but still the same scenario... any ideas? Hope to get this ready for field day!

1528. Re: Tune - Operate probem - More Data

Yahoo group: pfr3_group
Date: 2010-06-13 22:35:55 UTC
From: k9jri@att.net
Topic: 1524 Message: 1528

I received one direct reply that indicated a similar problem on a uni built about 1 year ago. His LED decreases only slightly when the SWR goes down when tuning.

I have tried the following:

I removed T2 completely and replaced it with the transformer from Dan Tayloe's SWR indicator that is sold by Hendricks. Exactly the same results using Dan's tapped coil (autotransformer) design as with the original T2.

My next step was to remove Dan's autotransformer and just take some RF voltmeter readings around R49, R50, R51 and the dummy load. I had previously taken DC resistance readings around the bridge and across the bridge's balance point (where T2 prmary connected) and these reading were correct.

The RF voltmeter readings are not correct though. With a proper RF dummy load connected to the antenna connector I read almost 8 VRMS across the balance point on the resistive bridge. When I read across R50 ad R51 the readings were very close at a bit over 7 VRMS but when I read across R49 the voltage was only about 2.5VRMS and only about .9 VRMS across the dummy load. All four of these reading should be quite similar.

My conclusion is that T2, D8, R48 and D4 are working correctly as the SWR bridge IS unbalanced and is correctly lighting D4.

My GUESS is that either R49, R50 & R51 are not non inductive resistors or the circuit board layout is causing a severe unbalance in the leg toward the antenna connector. My guesses have not been too good in the past from time to time.

I would appreciate any input from any PFR3A user on how well the SWR LED works. Will it go out or get quite dim when the SWR is low?

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "k9jri@..." <k9jri@...> wrote:
>
> Everything works 100% on the PFR-3A that I completed yesterday except the SWR LED. My LED is full brilliance whenever the switch is in the tune position. It does not matter if the antenna connector is open or f a 50 ohm dummy load is connected.
>
> I have removed and re-wound T2 paying particular attention to the direction of both windings even though I don't think that is critical.
>
> I have performed normal Wheatstone Bridge DC resistance tests indicating that R49, R50 & R51 are the correct values and that the 5 turn primary of T2 is properly connected and has continuity as does the connection through S9 to the antenna connector.
>
> D3 tests good although I have not replaced it. I have removed R48 and replaced it with much higher values thinking that the LED (D4) might have been much more sensitive that

originally called for. I can get almost full brilliance on D4 with a 10K resistor in R48.
>
> It is almost as though the core material is wrong.... acting more like a capacitor than a transformer. There is a typo in the document calling the core an FT37-43 on the schematic and parts list (2 cores) but was called a FT43-37 in the installation step on page 11 of the manual.
>
> Has your SWR LED test function performed correctly?
>
> Any ideas??? There are only 7 components in the whole circuit.
>

1529. Re: [pfr3_group] TX problem...

Yahoo group: pfr3_group
Date: 2010-06-13 22:42:14 UTC
From: Blake Michael
Topic: 1527 Message: 1529

I suspect that you are picking up noise in the voltmeter leads and U* is doing what it can to make useable output from it. I used both a Fluke 97 and a Craftsman DVM to measure mine. Both easily read the signals coming out of the DDS chip. I would look that over again.... you can listen for the signal in another receiver as well. It should be quite easy to hear if you bring an antenna connection close to the board.

Good luck!

Michael Blake
k9jri@...

On Jun 13, 2010, at 6:30 PM, bbotlqw wrote:

> Just finished assembling my PFR3, and ran into a problem. During the TX smoke test, I didn't get a reading on pins 1 and 13 of U8, but did not think much of it, as it said since the signal there is a square wave, the DMM might have a problem reading it. Since the voltage on L7 was OK, I continued. But when I first tried the rig, I switched it to tune, and keyed up, but the led didn't light up. Switched back to operate and tried to answer some CQs, but never a response (by the way, I screwed up my dummy load/wattmeter... have to fix that too!). Started checking some voltages, and realized that when I check R37 and key up, the led lights up, and I get some voltages on pins 1 and 13 of U8! And if I keep on keying, it will continue. But as soon as I stop and try keying up again without the Voltmeter across R37 (or pins 8 & 9 of U8), no TX. But whenever the Multimeter is connected across R37 and I key up, bingo! I have checked all of the solder joints, removed and reinstalled U8, but still the same scenario... any ideas? Hope to get this ready for field day!
>
>

1530. RE: [pfr3_group] Re: Tune - Operate probem - More Data

Yahoo group: pfr3_group
Date: 2010-06-13 22:58:56 UTC
From: Dale Putnam
Topic: 1524 Message: 1530

Without breaking off what I am envolved with right now, bear with me while I access dusty memory... but the led in the A model was being overdriven by the bridge, and Steve made a resistor change to lessen the drive to the led, and allow it to not be "brilliant" all the time.

This is posted, I'm sure in the archives. I've gotten my bench covered with AT3s/K2 now, and there just isn't enough room to spread out one more manual. If a check of the archives isn't fruitful, and the resistor hint doesn't pan out, I hope to have enough of this done, to make room by morning. Maybe it can be found by then. The summary is that the led may show bright, but there is a match, indiated with a little dip in brilliance, until the resistor is changed, then it behaves more like expected.

Have a good evening,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k9jri@...
Date: Sun, 13 Jun 2010 22:35:55 +0000
Subject: [pfr3_group] Re: Tune - Operate probem - More Data

I received one direct reply that indicated a similar problem on a uni built about 1 year ago. His LED decreases only slightly when the SWR goes down when tuning.

I have tried the following:

I removed T2 completely and replaced it with the transformer from Dan Tayloe's SWR indicator that is sold by Hendricks. Exactly the same results using Dan's tapped coil (autotransformer) design as with the original T2.

My next step was to remove Dan's autotransformer and just take some RF voltmeter readings around R49, R50, R51 and the dummy load. I had previously taken DC resistance readings around the bridge and across the bridge's balance point (where T2 prmary connected) and these reading were correct.

The RF voltmeter readings are not correct though. With a proper RF dummy load connected to the antenna connector I read almost 8 VRMS across the balance point on the resistive bridge. When I read across R50 ad R51 the readings were very close at a bit over 7 VRMS but when I read across R49 the voltage was only about 2.5VRMS and only about .9 VRMS across the dummy load. All four of these reading should be quite similar.

My conclusion is that T2, D8, R48 and D4 are working correctly as the SWR bridge IS unbalanced and is correctly lighting D4.

My GUESS is that either R49, R50 & R51 are not non inductive resistors or the circuit board layout is causing a severe unbalance in the leg toward the antenna connector. My guesses have not been too good in the past from time to time.

I would appreciate any input from any PFR3A user on how well the SWR LED works. Will it go out or get quite dim when the SWR is low?

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "k9jri@..." <k9jri@...> wrote:
>
> Everything works 100% on the PFR-3A that I completed yesterday except the SWR LED. My LED is full brilliance whenever the switch is in the tune position. It does not matter if the antenna connector is open or f a 50 ohm dummy load is connected.
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> I have removed and re-wound T2 paying particular attention to the direction of both windings even though I don't think that is critical.
>
> I have performed normal Wheatstone Bridge DC resistance tests indicating that R49, R50 & R51 are the correct values and that the 5 turn primary of T2 is properly connected and has continuity as does the connection through S9 to the antenna connector.
>
> D3 tests good although I have not replaced it. I have removed R48 and replaced it with much higher values thinking that the LED (D4) might have been much more sensitive that originally called for. I can get almost full brilliance on D4 with a 10K resistor in R48.
>
> It is almost as though the core material is wrong.... acting more like a capacitor than a transformer. There is a typo in the document calling the core an FT37-43 on the schematic and parts list (2 cores) but was called a FT43-37 in the installation step on page 11 of the manual.
>
> Has your SWR LED test function performed correctly?
>
> Any ideas??? There are only 7 components in the whole circuit.
>

_____
Hotmail is redefining busy with tools for the New Busy. Get more from your inbox.
http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_2

1531. PFR3A- Group 1/2 Smoke test video

Yahoo group: pfr3_group
Date: 2010-06-14 11:05:18 UTC
From: lahagar1@aol.com
Topic: 1518 Message: 1531

.
http://www.youtube.com/user/NG9D#p/u/6/2aZYegVjMhI

73,
Lynn
NG9D

1532. Re: [pfr3_group] Re: Tune - Operate probem - More Data

Yahoo group: pfr3_group
Date: 2010-06-14 13:08:19 UTC
From: Blake Michael
Topic: 1524 Message: 1532

Problem solved.

1. My expectations regarding the SWR LED were not realistic. It will not dip in brightness using a 50 ohm dummy load connected to the coax BNC jack. No way to balance out all of the internal stray capacitances and stuff. My LED shows no detectable change in brightness with the dummy load (Hendricks QRPdummy load) connected or disconnected.

2. It will dip in brightness when using the internal BLT or an external tuner connected to the coax BNC jack. I did find that replacing the 480 ohm LED current limiting resistor (R48) with 4,800 ohms makes the dip in brightness much easier to see.

3. My internal BLT was not working due to an intermittent Tune capacitor. Loosening the mounting screws on the poly variable cured this problem. It acts like a plate is shorting inside when you turn t with the screws tightened. I have requested a new variable from Hendricks Kits but that will take a while as they are down for the month. It is woking no though with the loosened screws.

All is working 100% now and, as I mentioned before, the receiver is really sharp and is quite sensitive.

73 - Mike - K9JRI

Michael Blake
k9jri@...

On Jun 13, 2010, at 6:35 PM, k9jri@... wrote:

> I received one direct reply that indicated a similar problem on a uni built about 1 year ago. His LED decreases only slightly when the SWR goes down when tuning.
>
> I have tried the following:
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> I removed T2 completely and replaced it with the transformer from Dan Tayloe's SWR indicator that is sold by Hendricks. Exactly the same results using Dan's tapped coil (autotransformer) design as with the original T2.
>
> My next step was to remove Dan's autotransformer and just take some RF voltmeter readings around R49, R50, R51 and the dummy load. I had previously taken DC resistance readings around the bridge and across the bridge's balance point (where T2 prmary connected) and these reading were correct.
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> The RF voltmeter readings are not correct though. With a proper RF dummy load connected to the antenna connector I read almost 8 VRMS across the balance point on the resistive bridge. When I read across R50 ad R51 the readings were very close at a bit over 7 VRMS but when I read across R49 the voltage was only about 2.5VRMS and only about .9 VRMS across the dummy load. All four of these reading should be quite similar.
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> My conclusion is that T2, D8, R48 and D4 are working correctly as the SWR bridge IS unbalanced and is correctly lighting D4.
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> My GUESS is that either R49, R50 & R51 are not non inductive resistors or the circuit board layout is causing a severe unbalance in the leg toward the antenna connector. My guesses have not been too good in the past from time to time.
>
> I would appreciate any input from any PFR3A user on how well the SWR LED works. Will it go out or get quite dim when the SWR is low?
>
> 73 - Mike - K9JRI
>
> --- In pfr3_group@yahoogroups.com, "k9jri@..." <k9jri@...> wrote:
> >
> > Everything works 100% on the PFR-3A that I completed yesterday except the SWR LED. My LED is full brilliance whenever the switch is in the tune position. It does not matter if the antenna connector is open or f a 50 ohm dummy load is connected.
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> > I have removed and re-wound T2 paying particular attention to the direction of both windings even though I don't think that is critical.
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> > I have performed normal Wheatstone Bridge DC resistance tests indicating that R49, R50 & R51 are the correct values and that the 5 turn primary of T2 is properly connected and has continuity as does the connection through S9 to the antenna connector.
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> > D3 tests good although I have not replaced it. I have removed R48 and replaced it with much higher values thinking that the LED (D4) might have been much more sensitive that originally called for. I can get almost full brilliance on D4 with a 10K resistor in R48.
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> > It is almost as though the core material is wrong.... acting more like a capacitor than a transformer. There is a typo in the document calling the core an FT37-43 on the schematic and parts list (2 cores) but was called a FT43-37 in the installation step on page 11 of the manual.
> >
> > Has your SWR LED test function performed correctly?
> >
> > Any ideas??? There are only 7 components in the whole circuit.
> >
>
>

1533. Re: menu

Yahoo group: pfr3_group
Date: 2010-06-14 15:34:19 UTC
From: W7NNN
Topic: 1525 Message: 1533

Problem fixed itself by letting it set a few hours (went to my son's grauation) and disconnecting everything...happy again...eric W7NNN

--- In pfr3_group@yahoogroups.com, "W7NNN" <safetyboss2002@...> wrote:
>
> Hi,
> My menu won't come up even after disconnection power for a while and keyer won't work. Is their a reset i should be looking for?
> eric w7nnn
>

1534. Attn: Steve Weber need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)

Yahoo group: pfr3_group
Date: 2010-06-14 23:00:25 UTC
From: Rich
Topic: 1534 Message: 1534

Hi Steve -
BTW your email address is broken today. I get permanent failures.

I'm still plugging away at my pfr 3a.

messed up the first circuit board (Please don't ask) so I bought a new circuit=
board alone. I ruined L4 and L5 desoldering them. I have been looking for =
a source and cant find any on the net or in town.

I put out a want on eham and yahoo "need for my PFR-3A one 2.2 uhy RFC 5% = (Red Red Gold Gold)"

A kind soul Bill W0LPQ sent me 2 light green inductors that are the same size physically but they are light (lime ?)green in base color and is Silver Red Red Silver for bands. He said they are the correct ones but is using this chart at the bottom I need your blessing before I put them in. I know if I wait until next month qrpkits.com will be reopen. but Id like to keep moving along.

anyway the parts (same size physically but they are light (lime ?)green in base color and is Silver Red Red Silver.)

and his feelings below

"Rich ... the chokes I am sending are according to this code ... at the very bottom ..., Molded Chokes

http://www.techlib.com/electronics/colorcode.html

73"

Can I use them or should I wait?

thank you in advance.

Rich NF8V
NF8V@rocketmail.com

--

Rich Ullery - NF8V
Ex: NF7D

1535. Re: [pfr3_group] Attn: Steve Weber need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)

Yahoo group: pfr3_group
Date: 2010-06-14 23:25:10 UTC
From: sigcom@juno.com
Topic: 1535 Message: 1535

Rich,

What he sent you are .22uH not 2.2. You -cannot- use .22 in that part of the circuit.

FWIW, the body color is not critical, it's the band following the two reds which is the multiplier. Red-red is 22. Silver is .01. 22 X .01 is .22. Gold is .1. .1 X 22 is 2.2.

I still haven't found any here but I haven't given up looking.

73.......Steve Smith WB6TNL

---------- Original Message ----------

Hi Steve -
BTW your email address is broken today. I get permanent failures.

I'm still plugging away at my pfr 3a.

messed up the first circuit board (Please don't ask) so I bought a new circuit=
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73"

Can I use them or should I wait?

thank you in advance.

Rich NF8V
NF8V@...

--

Rich Ullery - NF8V
Ex: NF7D

Yahoo! Groups Links

1536. Re: Attn: Steve Weber need for my PFR-3A one 2.2 uhy RFC 5% (Red Red Gold Gold)

Yahoo group: pfr3_group
Date: 2010-06-14 23:38:05 UTC
From: Rich
Topic: 1535 Message: 1536

Once again Sicom you saved me from shooting myself in the foot.
I have to say though, that ham that sent the .22 u was very kind and generus to do so.

I wonder why they are hard to find. Ill just wait until qrpkis opens back up.

I have to say this is the most helpful group I have been in.
73 Rich NF8V

--- In pfr3_group@yahoogroups.com, "sigcom@..." <sigcom@...> wrote:
>
> Rich,
>
> What he sent you are .22uH not 2.2. You -cannot- use .22 in that part of the circuit.
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> FWIW, the body color is not critical, it's the band following the two reds which is the multiplier. Red-red is 22. Silver is .01. 22 X .01 is .22. Gold is .1. .1 X 22 is 2.2.
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>
> 73.......Steve Smith WB6TNL
>
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>
> Hi Steve -
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> Rich NF8V
> NF8V@...
>
> --
> ----
> Rich Ullery - NF8V
> Ex: NF7D
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

1537. Re: Tune - Operate probem - Circuit board change

Yahoo group: pfr3_group
Date: 2010-06-15 00:38:34 UTC
From: k9jri@att.net
Topic: 1524 Message: 1537

I found an older photo of a previous version of the PFR3 circuit board. On the older board a coax cable attaches to the circuit board right at the "COAX/BLT" switch. On the newer, current, board the 50 ohm connection is a circuit board foil that goes on both sides of the board to get to the output connections.

My "GUESS" is that this is enough to introduce sufficient reactances to cause the bridge to not balance when a dummy load is plugged right into the BNC connector.

I think this project is now COMPLETE :) I guess I had better brush up on my CW now.

Very 73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, Blake Michael <k9jri@...> wrote:
>
> Problem solved.
>
> 1. My expectations regarding the SWR LED were not realistic. It will not dip in brightness using a 50 ohm dummy load connected to the coax BNC jack. No way to balance out all of the internal stray capacitances and stuff. My LED shows no detectable change in brightness with the dummy load (Hendricks QRPdummy load) connected or disconnected.
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> 2. It will dip in brightness when using the internal BLT or an external tuner connected to the coax BNC jack. I did find that replacing the 480 ohm LED current limiting resistor (R48) with 4,800 ohms makes the dip in brightness much easier to see.
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> Michael Blake
> k9jri@...
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> > 73 - Mike - K9JRI
> >
> > --- In pfr3_group@yahoogroups.com, "k9jri@" <k9jri@> wrote:
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page 11 of the manual.
> > >
> > > Has your SWR LED test function performed correctly?
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> > > Any ideas??? There are only 7 components in the whole circuit.
> > >
> >
> >
>

1538. Re: Tune - Operate probem - A confession and a question

Yahoo group: pfr3_group
Date: 2010-06-16 12:14:47 UTC
From: k9jri@att.net
Topic: 1524 Message: 1538

Not being able to let the SWR LED issue alone even though I thought that it was affected by the circuit board change I decided to do two additional tests:

1. Replace the Hendricks QRP Kits dummy load with my 300 watt MFJ dummy load. SURPRISE the SWR LED Went completely dark. Obviously something wrong with the QRP dummy load.

2. Test the Hendricks QRP dummy load. DC resistance tests with a Fluke 77 read 49.8 ohms. I then attached the QRP dummy load to my MFJ SWR analyzer and it read and SWR of 15.4, X=2 and R=1 ohm. I really didn't know how that can be possible so I did some additionl tests and found that the detector diode, on the dummy load, was shorted. When removed the QRP dummy measures 1:1 on the MFJ and the SWR LED completely extinguishes on the PDR-3A.

This is the second time that a defective piece of test equipment led my a long way down the wrong road.

Sorry I inflicted the pain on the group as well but all is well now,

Thanks again - Mike

--- In pfr3_group@yahoogroups.com, "k9jri@..." <k9jri@...> wrote:
>
> I found an older photo of a previous version of the PFR3 circuit board. On the older board a coax cable attaches to the circuit board right at the "COAX/BLT" switch. On the newer, current, board the 50 ohm connection is a circuit board foil that goes on both sides of the board to get to the output connections.
>
> My "GUESS" is that this is enough to introduce sufficient reactances to cause the bridge to not balance when a dummy load is plugged right into the BNC connector.
>
> I think this project is now COMPLETE :) I guess I had better brush up on my CW now.
>
> Very 73 - Mike - K9JRI

1539. PFR3A- finished assembly and test

Yahoo group: pfr3_group
Date: 2010-06-20 16:58:44 UTC
From: lahagar1@aol.com
Topic: 1518 Message: 1539

Hi Guys,

Here is the assembly and testing of finished kit:

http://www.youtube.com/user/NG9D#p/u/6/wJs2iYGd-VA

Now for some QSOs ...

73, Lynn NG9D . .

-----Original Message-----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Mon, Jun 14, 2010 6:05 am
Subject: PFR3A- Group 1/2 Smoke test video

.
http://www.youtube.com/user/NG9D#p/u/6/2aZYegVjMhI

73,
Lynn
NG9D

1540. Kit difficulty

Yahoo group: pfr3_group
Date: 2010-06-20 19:09:37 UTC
From: Winston
Topic: 1540 Message: 1540

New to group. Haven't built any kits in last 10 years since Ten-Tec single banders.

How difficult is this one? Have done several club kits and once did an HW-9.

73, Winston K4CWQ

Sent from my iPhone

1541. Re: [pfr3_group] Kit difficulty

Yahoo group: pfr3_group
Date: 2010-06-20 19:59:30 UTC
From: Blake Michael
Topic: 1540 Message: 1541

Winston, I just did a BitX20A, Retro-75, NADC-40 and a PFR-3A. The PFR-3A is a VERY EASY kit to put together and mine worked well first time. In fact the only problem that I had with it were the fault of a bad piece of test equipment.

While the coils and transformers initially looked pesky to wind they were really quite easy. The documentation is not HeathKit quality but more than adequate to have fun and a successful build. The toughest part of the whole kit id putting the decals on the cabinet :)

Very 73 - Mike

On Jun 20, 2010, at 3:09 PM, Winston wrote:

> New to group. Haven't built any kits in last 10 years since Ten-Tec single banders.
>
> How difficult is this one? Have done several club kits and once did an HW-9.
>
> 73, Winston K4CWQ
>
> Sent from my iPhone.
>
>
>

1542. Re: [pfr3_group] Kit difficulty

Yahoo group: pfr3_group
Date: 2010-06-20 20:14:07 UTC
From: daleputnam@hotmail.com
Topic: 1540 Message: 1542

Hi Winston,
It isn't hard at all. There's a heap of help right here and if you get to the point of needing to send it off, let me know, I'll set it up to specs or better and we'll both learn too. Give it a try, you'll love it
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: Winston <jones_winston@...>
Sender: pfr3_group@yahoogroups.com
Date: Sun, 20 Jun 2010 12:09:37
To: pfr3_group@yahoogroups.com<pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Kit difficulty

New to group. Haven't built any kits in last 10 years since Ten-Tec single banders.

How difficult is this one? Have done several club kits and once did an HW-9.

73, Winston K4CWQ

Sent from my iPhone

1543. Re: [pfr3_group] Kit difficulty

Yahoo group: pfr3_group
Date: 2010-06-20 20:19:41 UTC
From: Winston
Topic: 1540 Message: 1543

Thanks. Thinking of getting one of these or the Ten-tec ready made Chinese job. But it's too expensive for 2 bands.

I have freq counter, digital and analog meters and rf
Probe. Anything else needed for calibration?

Winston K4CWQ

Sent from my iPhone

On Jun 20, 2010, at 4:14 PM, daleputnam@hotmail.com wrote:

Hi Winston,
It isn't hard at all. There's a heap of help right here and if you get to the point of needing to send it off, let me know, I'll set it up to specs or better and we'll both learn too. Give it a try, you'll love it

Sent from my Verizon Wireless BlackBerry

From: Winston <jones_winston@...>
Sender: pfr3_group@yahoogroups.com
Date: Sun, 20 Jun 2010 12:09:37 -0700 (PDT)
To: pfr3_group@yahoogroups.com<pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Kit difficulty

New to group. Haven't built any kits in last 10 years since Ten-Tec single banders.

How difficult is this one? Have done several club kits and once did an HW-9.

73, Winston K4CWQ

Sent from my iPhone

1544. Re: [pfr3_group] Kit difficulty

Yahoo group: pfr3_group
Date: 2010-06-20 22:48:38 UTC
From: daleputnam@hotmail.com
Topic: 1540 Message: 1544

I use a seperate rx and a scope a gud ac meter would do fine instead, but an "average" dc meter does the preliminary checks. You're good to go!
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: Winston <jones_winston@bellsouth.net>
Sender: pfr3_group@yahoogroups.com
Date: Sun, 20 Jun 2010 13:19:41
To: pfr3_group@yahoogroups.com<pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Kit difficulty

Thanks. Thinking of getting one of these or the Ten-tec ready made Chinese job. But it's too expensive for 2 bands.

I have freq counter, digital and analog meters and rf
Probe. Anything else needed for calibration?

Winston K4CWQ

Sent from my iPhone

On Jun 20, 2010, at 4:14 PM, daleputnam@hotmail.com wrote:

Hi Winston,
It isn't hard at all. There's a heap of help right here and if you get to the point of needing to send it off, let me know, I'll set it up to specs or better and we'll both learn too. Give it a try, you'll love it

Sent from my Verizon Wireless BlackBerry

From: Winston <jones_winston@bellsouth.net>
Sender: pfr3_group@yahoogroups.com
Date: Sun, 20 Jun 2010 12:09:37 -0700 (PDT)
To: pfr3_group@yahoogroups.com<pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Kit difficulty

New to group. Haven't built any kits in last 10 years since Ten-Tec single banders.

How difficult is this one? Have done several club kits and once did an HW-9.

73, Winston K4CWQ

Sent from my iPhone

1545. Re: [pfr3_group] Kit difficulty

Yahoo group: pfr3_group
Date: 2010-06-21 16:46:28 UTC
From: Mike Malone
Topic: 1540 Message: 1545

The PFR is actually easier to build than the Ten Tec single banders. If you
can
get your magwire tinned properly on the coils and transformer you will have
no problem.
The magwire is the heatstrip variety so it is actually pleasurable to use.
The only thing
that folks I have let try the rig have had problems with is the pushbutton
tuning... it
actually becomes second nature after a few sessions.

As far as test gear, you will need a DMM, a watt meter, and a freq counter.
You could
get by without the freq counter too.

Mike KD5KXF

On Sun, Jun 20, 2010 at 2:09 PM, Winston <jones_winston@bellsouth.net>wrote:

>
>
> New to group. Haven't built any kits in last 10 years since Ten-Tec single
> banders.
>
> How difficult is this one? Have done several club kits and once did an
> HW-9.
>
> 73, Winston K4CWQ
>
> Sent from my iPhone
>
>
>

1546. Re: [pfr3_group] Kit difficulty

Yahoo group: pfr3_group
Date: 2010-06-21 17:06:44 UTC
From: jones winston
Topic: 1540 Message: 1546

Thanks to everyone for the good advice. I'll have to get out my soldering iron, clean off the table and give it a shot.'
Winston K4CWQ

From: Mike Malone <kd5kxf@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, June 21, 2010 12:46:28 PM
Subject: Re: [pfr3_group] Kit difficulty

The PFR is actually easier to build than the Ten Tec single banders. If you can

get your magwire tinned properly on the coils and transformer you will have no problem. The magwire is the heatstrip variety so it is actually pleasurable to use. The only thing that folks I have let try the rig have had problems with is the pushbutton tuning... it actually becomes second nature after a few sessions.

As far as test gear, you will need a DMM, a watt meter, and a freq counter. You could get by without the freq counter too.

Mike KD5KXF

On Sun, Jun 20, 2010 at 2:09 PM, Winston <jones_winston@ bellsouth. net> wrote:

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>New to group. Haven't built any kits in last 10 years since Ten-Tec single banders.
>
>>How difficult is this one? Have done several club kits and once did an HW-9.
>

>>73, Winston K4CWQ
>
>>Sent from my iPhone
>
>

1547. Re: PFR3A- finished assembly and test

Yahoo group: pfr3_group
Date: 2010-06-22 04:56:37 UTC
From: lahagar1@aol.com
Topic: 1518 Message: 1547

First QSO!

http://www.youtube.com/user/NG9D#p/u/6/hUJiK9eQ0K0

73
LYNN
NG9D . .

-----Original Message-----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Sun, Jun 20, 2010 11:58 am
Subject: PFR3A- finished assembly and test

Hi Guys,

Here is the assembly and testing of finished kit:

http://www.youtube.com/user/NG9D#p/u/6/wJs2iYGd-VA

Now for some QSOs ...

73, Lynn NG9D . .

-----Original Message-----
From: lahagar1@aol.com
To: pfr3_group@yahoogroups.com
Sent: Mon, Jun 14, 2010 6:05 am
Subject: PFR3A- Group 1/2 Smoke test video

.
http://www.youtube.com/user/NG9D#p/u/6/2aZYegVjMhI

73,
Lynn
NG9D

1548. New QRP Group in San Antonio

Yahoo group: pfr3_group
Date: 2010-06-24 00:35:14 UTC
From: Michael Goins
Topic: 1548 Message: 1548

I'd like to make all aware that there is a new qrp group here in the San Antonio area and we are looking for members - local and otherwise. If you have an interest in low power operating, have a look at http://groups.yahoo.com/group/QRPadillos/ .

I'l be glad to answer any questions off list. Thanks.

Mike, k5wmg
Pipe Creek, Texas
Fast cars, slow boats, big dogs, old trucks, little radios, and summers off to write

1549. PFR-3 Tuner Problems

Yahoo group: pfr3_group
Date: 2010-07-02 02:05:10 UTC
From: Joey
Topic: 1549 Message: 1549

I just completed the kit and everything worked OK until I tried the tuner. From what I can tell I wound T3 correctly, and all the varicaps have good connections. No matter how slow I adjust the Load and Tune, the LED never gets dimmer. Any help?

1550. Re: [pfr3_group] PFR-3 Tuner Problems

Yahoo group: pfr3_group
Date: 2010-07-02 02:40:11 UTC
From: hzp_electronics@juno.com
Topic: 1549 Message: 1550
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1551. Re: [pfr3_group] PFR-3 Tuner Problems

Yahoo group: pfr3_group
Date: 2010-07-02 02:50:13 UTC
From: hzp_electronics@juno.com
Topic: 1549 Message: 1551
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1552. Re: PFR-3 Tuner Problems

Yahoo group: pfr3_group
Date: 2010-07-02 04:11:16 UTC
From: Joey
Topic: 1549 Message: 1552

I took out the coil, re-melted the leads, sanded them clean, and resoldered them to the side of the board with the tracks. I also checked for continuity. I powered the rig back up and nothing happened, just the usual LED brightness. Any otehr suggestions? --- In pfr3_group@yahoogroups.com, "hzp_electronics@..." wrote: > > Joey,I had the same problem. Check that the coil wires are soldered to the side of the side of the board with the tracks. On mine, that is the same side of the board as the coil is on. The problem is that some or all the holes are NOT plated through and there is no connection. I did not measure a short circuit between my two balanced terminals. Good Luck. .... Bill K3HZP
I just completed the kit and everything worked OK until I tried the tuner. From what I can tell I wound T3 correctly, and all the varicaps have good connections. No matter how slow I adjust the Load and Tune, the LED never gets dimmer. Any help?

> _____ > Penny Stock Jumping 2000% > Sign up to the #1 voted penny stock newsletter for free today! > http://thirdpartyoffers.juno.com/TGL3131/4c2d5421262c9a4161st04vuc >

1553. Re: [pfr3_group] Re: PFR-3 Tuner Problems

Yahoo group: pfr3_group
Date: 2010-07-02 12:50:12 UTC
From: Mike Malone
Topic: 1549 Message: 1553

It is very sensitive, I thought that mine was not functioning when it actually was. Curt Milton helped me out with some tips on testing it and the first was to be sure I had the switches in the correct position and see if there is an audible difference as you adjust the variable caps. Peak the band noise and a smidget one way or the other dims the LED. Mine will actually tune up all 3 bands on a half size G5RV but it is very touchy... it took a bit of practice. Mike Malone KD5KXF On Thu, Jul 1, 2010 at 11:11 PM, Joey wrote: > > > I took out the coil, re-melted the leads, sanded them clean, and resoldered > them to the side of the board with the tracks. I also checked for > continuity. I powered the rig back up and nothing happened, just the usual > LED brightness. Any otehr suggestions? > > --- In pfr3_group@yahoogroups.com , > "hzp_electronics@..." wrote: > > > > Joey,I had the same problem. Check that the coil wires are soldered to > the side of the side of the board with the tracks. On mine, that is the same > side of the board as the coil is on. The problem is that some or all the > holes are NOT plated through and there is no connection. I did not measure a > short circuit between my two balanced terminals. Good Luck. .... Bill > K3HZP
style="position: relative;">
style="__styledocument: [object];">
I > just completed the kit and everything worked OK until I tried the tuner. > From what I can tell I wound T3 correctly, and all the varicaps have good > connections. No matter how slow I adjust the Load and Tune, the LED never > gets dimmer. Any help?

style="__styledocument: > [object];">
> > > _____ > > Penny Stock Jumping 2000% > > Sign up to the #1 voted penny stock newsletter for free today! > > http://thirdpartyoffers.juno.com/TGL3131/4c2d5421262c9a4161st04vuc > > > > >

1554. Re: [pfr3_group] Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 13:05:57 UTC
From: crp.wd8axb@comcast.net
Topic: 1549 Message: 1554

It is very sensitive, I thought that mine was not functioning when it actually was. Curt Milton helped me out with some tips

on testing it and the first was to be sure I had the switches in the correct position and see if there is an audible difference as
you adjust the variable caps. Peak the band noise and a smidget one way or the other dims the LED. Mine will actually tune up
all 3 bands on a half size G5RV but it is very touchy... it took a bit of practice.

Mike Malone KD5KXF

>
If it is a PFR-3A, I thought there was a resistor value change to take away some of the LED's brightness. The resistor value and circuit component number are mentioned in these egroup messages a few times. This modification was to make seeing the LED's dimming easier.

=Charlie WD8AXB, a non-A owner

1555. Re: [pfr3_group] Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 13:10:13 UTC
From: Michael Goins
Topic: 1549 Message: 1555

The tell here is really if it affects the noise level on the band. If you are getting some peaking of the noise, it is working, at least to some degree. You may or may not get a complete blanking of the LED (depending on the antenna), but peaking means it is working.

Mike, k5wmg
Pipe Creek, Texas
Fast cars, slow boats, big dogs, old trucks, little radios, and summers off to write

On Fri, Jul 2, 2010 at 8:05 AM, <crp.wd8axb@...> wrote:

>
>
>
> It is very sensitive, I thought that mine was not functioning when it
> actually was. Curt Milton helped me out with some tips
> on testing it and the first was to be sure I had the switches in the
> correct position and see if there is an audible difference as
> you adjust the variable caps. Peak the band noise and a smidget one way or
> the other dims the LED. Mine will actually tune up
> all 3 bands on a half size G5RV but it is very touchy... it took a bit of
> practice.
>
> Mike Malone KD5KXF
>
>
>> >
>> If it is a PFR-3A, I thought there was a resistor value change to take
>> away some of the LED's brightness. The resistor value and circuit component
>> number are mentioned in these egroup messages a few times. This
>> modification was to make seeing the LED's dimming easier.
>>
>> =Charlie WD8AXB, a non-A owner
>>
>>
>
>

1556. Re: [pfr3_group] Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 13:22:06 UTC
From: lahagar1@aol.com
Topic: 1549 Message: 1556

Yes, Charlie: I used the advice posted previously, Steven Weber recommends the use of 1k ohm resistor instead of 470 ohm for R48. The LED SWR indicator works great, very intuitive watching the little light go from bright to dark. Oh, Charlie - you should get a PFR3 - very fun to build! http://www.youtube.com/watch?v=wJs2iYGd-VA

73 LYNN NG9D . .

-----Original Message-----
From: crp.wd8axb@...
To: pfr3 group <pfr3_group@yahoogroups.com>
Sent: Fri, Jul 2, 2010 8:05 am
Subject: Re: [pfr3_group] Re: PFR-3 Tuner Problems/LED issue

It is very sensitive, I thought that mine was not functioning when it actually was. Curt Milton helped me out with some tips

on testing it and the first was to be sure I had the switches in the correct position and see if there is an audible difference as
you adjust the variable caps. Peak the band noise and a smidget one way or the other dims the LED. Mine will actually tune up
all 3 bands on a half size G5RV but it is very touchy... it took a bit of practice.

Mike Malone KD5KXF

>
If it is a PFR-3A, I thought there was a resistor value change to take away some of the LED's brightness. The resistor value and circuit component number are mentioned in these egroup messages a few times. This modification was to make seeing the LED's dimming easier.

=Charlie WD8AXB, a non-A owner

1557. Re: [pfr3_group] Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 14:28:44 UTC
From: crp.wd8axb@comcast.net
Topic: 1549 Message: 1557

Hi Lynn,

I am an owner of a PFR-3, built by me in early 2009, with coils wound by a ham friend (her fingers work better than mine on a toroid). I agree; fun to build, great receiver, tuner worked first time tried.
I meant to say that I don't have the "-A" model.

Charlie WD8AXB

----- Original Message -----
From: lahagar1@...
To: pfr3 group <pfr3_group@yahoogroups.com>
Sent: Fri, 02 Jul 2010 13:22:06 -0000 (UTC)
Subject: Re: [pfr3_group] Re: PFR-3 Tuner Problems/LED issue

Yes, Charlie: I used the advice posted previously, Steven Weber recommends the use of 1k ohm resistor instead of 470 ohm for R48. The LED SWR indicator works great, very intuitive watching the little light go from bright to dark. Oh, Charlie - you should get a PFR3 - very fun to build! http://www.youtube.com/watch?v=wJs2iYGd-VA

73 LYNN NG9D . .

1558. Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 14:51:10 UTC
From: Joey
Topic: 1549 Message: 1558

Well I replaced the 470 ohm resistor with a 1K like mentioned, and fired up the rig. I was on 40m with a 40m dipole that is pretty close to about 1.5 SWR. When I set the three switches to TUNE, COAX, and LOW-Z, turning the knobs did not affect band noise from what I can tell. Also trying to tune the antenna resulted in the LED staying the same brightness. Could it be the varicaps?

--- In pfr3_group@yahoogroups.com, Michael Goins <wmgoins@...> wrote:
>
> The tell here is really if it affects the noise level on the band. If you
> are getting some peaking of the noise, it is working, at least to some
> degree. You may or may not get a complete blanking of the LED (depending on
> the antenna), but peaking means it is working.
>
> Mike, k5wmg
> Pipe Creek, Texas
> Fast cars, slow boats, big dogs, old trucks, little radios, and summers off
> to write
>
>
>
> On Fri, Jul 2, 2010 at 8:05 AM, <crp.wd8axb@...> wrote:
>
> > >
> > >
> > >
> > > It is very sensitive, I thought that mine was not functioning when it
> > > actually was. Curt Milton helped me out with some tips
> > > on testing it and the first was to be sure I had the switches in the
> > > correct position and see if there is an audible difference as
> > > you adjust the variable caps. Peak the band noise and a smidget one way or
> > > the other dims the LED. Mine will actually tune up
> > > all 3 bands on a half size G5RV but it is very touchy... it took a bit of
> > > practice.
> > >
> > > Mike Malone KD5KXF
> > >
> > >
> > >> >
> > >> If it is a PFR-3A, I thought there was a resistor value change to take
> > >> away some of the LED's brightness. The resistor value and circuit component
> > >> number are mentioned in these egroup messages a few times. This
> > >> modification was to make seeing the LED's dimming easier.
> > >>
> > >> =Charlie WD8AXB, a non-A owner
> > >>

> >>
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> >
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1559. Re: [pfr3_group] Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 14:57:49 UTC
From: Blake Michael
Topic: 1549 Message: 1559

Joey,

I believe your problem might be the switch on the rear. If you are using the BLT but connecting via the coax connector the switch on the back must be toward the binding posts. That is counter intuitive but is a common problem. Check the schematic and you will see why.

Michael Blake
k9jri@...

On Jul 2, 2010, at 10:51 AM, Joey wrote:

> Well I replaced the 470 ohm resistor with a 1K like mentioned, and fired up the rig. I was on 40m with a 40m dipole that is pretty close to about 1.5 SWR. When I set the three switches to TUNE, COAX, and LOW-Z, turning the knobs did not affect band noise from what I can tell. Also trying to tune the antenna resulted in the LED staying the same brightness. Could it be the varicaps?
>
> --- In pfr3_group@yahoogroups.com, Michael Goins <wmgoins@...> wrote:
> >
> > The tell here is really if it affects the noise level on the band. If you
> > are getting some peaking of the noise, it is working, at least to some
> > degree. You may or may not get a complete blanking of the LED (depending on
> > the antenna), but peaking means it is working.
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> > Mike, k5wmg
> > Pipe Creek, Texas
> > Fast cars, slow boats, big dogs, old trucks, little radios, and summers off
> > to write
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> >
> >
> > On Fri, Jul 2, 2010 at 8:05 AM, <crp.wd8axb@...> wrote:
> >
> > >
> > >
> > >
> > > It is very sensitive, I thought that mine was not functioning when it
> > > actually was. Curt Milton helped me out with some tips
> > > on testing it and the first was to be sure I had the switches in the
> > > correct position and see if there is an audible difference as
> > > you adjust the variable caps. Peak the band noise and a smidget one way or
> > > the other dims the LED. Mine will actually tune up
> > > all 3 bands on a half size G5RV but it is very touchy... it took a bit of
> > > practice.
> > >

> > > Mike Malone KD5KXF
> > >
> > >
> > >> >
> > >> If it is a PFR-3A, I thought there was a resistor value change to take
> > >> away some of the LED's brightness. The resistor value and circuit component
> > >> number are mentioned in these egroup messages a few times. This
> > >> modification was to make seeing the LED's dimming easier.
> > >>
> > >> =Charlie WD8AXB, a non-A owner
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1560. Re: [pfr3_group] Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 14:58:02 UTC
From: Michael Goins
Topic: 1549 Message: 1560

Could be - I think Doug had a few that were bad a while back, but really shouldn't be. Are you sure the varicaps are wired right? Is the ground connection solid?

Mike
Pipe Creek, Texas
Fast cars, slow boats, big dogs, old trucks, little radios, and summers off to write

On Fri, Jul 2, 2010 at 9:51 AM, Joey <kd0hfz@...> wrote:

>
>
> Well I replaced the 470 ohm resistor with a 1K like mentioned, and fired up
> the rig. I was on 40m with a 40m dipole that is pretty close to about 1.5
> SWR. When I set the three switches to TUNE, COAX, and LOW-Z, turning the
> knobs did not affect band noise from what I can tell. Also trying to tune
> the antenna resulted in the LED staying the same brightness. Could it be the
> varicaps?
>
> --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com>, Michael
> Goins <wmgoins@...> wrote:
> >
> > The tell here is really if it affects the noise level on the band. If you
> > are getting some peaking of the noise, it is working, at least to some
> > degree. You may or may not get a complete blanking of the LED (depending
> on
> > the antenna), but peaking means it is working.
> >
> > Mike, k5wmg
> > Pipe Creek, Texas
> > Fast cars, slow boats, big dogs, old trucks, little radios, and summers
> off
> > to write
> >
> >
> >
> > On Fri, Jul 2, 2010 at 8:05 AM, <crp.wd8axb@...> wrote:
> >
> > >
> > >
> > >
> > > It is very sensitive, I thought that mine was not functioning when it
> > > actually was. Curt Milton helped me out with some tips
> > > on testing it and the first was to be sure I had the switches in the
> > > correct position and see if there is an audible difference as

> > > you adjust the variable caps. Peak the band noise and a smidget one way
> or
> > > the other dims the LED. Mine will actually tune up
> > > all 3 bands on a half size G5RV but it is very touchy... it took a bit
> of
> > > practice.
> > >
> > > Mike Malone KD5KXF
> > >
> > >
> > >> >
> > >> If it is a PFR-3A, I thought there was a resistor value change to take
> > >> away some of the LED's brightness. The resistor value and circuit
> component
> > >> number are mentioned in these egroup messages a few times. This
> > >> modification was to make seeing the LED's dimming easier.
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> > >> =Charlie WD8AXB, a non-A owner
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1561. Re: [pfr3_group] Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 15:03:58 UTC
From: Michael Goins
Topic: 1549 Message: 1561

Excellent response. Part of the KISS approach - often the most simple thing.

I helped build a Heathkit amp years ago and when we finished it would not work.Should have, but we had nothing. Traced and check and ohmed the heck out of everything. Touched up a lot of solder connections - all that sort of thing. The owner sent it to Heathkit and they sent it back saying it fired right up and produced the proper power. Even commented on the quality of the build. He tried it at his house in the station and nada. Sent it back, they said the same thing and sent their testing results/remarks. He tried it at home, still nada.

Only when I checked the wall plug did we find that one side was dead. All was okay, but we took the long approach instead of the most simple, and I've found over the years that when careful building, it is nearly always the most simple thing that is actually wrong.

Michael Goins, k5wmg
Pipe Creek, Texas
Fast cars, slow boats, big dogs, old trucks, little radios, and summers off to write

On Fri, Jul 2, 2010 at 9:57 AM, Blake Michael <k9jri@...> wrote:

>
>
> Joey,
>
> I believe your problem might be the switch on the rear. If you are using
> the BLT but connecting via the coax connector the switch on the back must be
> toward the binding posts. That is counter intuitive but is a common
> problem. Check the schematic and you will see why.
>
> Michael Blake
> k9jri@...
>
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>
> On Jul 2, 2010, at 10:51 AM, Joey wrote:
>
>
>
>
> Well I replaced the 470 ohm resistor with a 1K like mentioned, and fired up
> the rig. I was on 40m with a 40m dipole that is pretty close to about 1.5

> SWR. When I set the three switches to TUNE, COAX, and LOW-Z, turning the
> knobs did not affect band noise from what I can tell. Also trying to tune
> the antenna resulted in the LED staying the same brightness. Could it be the
> varicaps?
>
> --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com>, Michael
> Goins <wmgoins@...> wrote:
> >
> > The tell here is really if it affects the noise level on the band. If you
> > are getting some peaking of the noise, it is working, at least to some
> > degree. You may or may not get a complete blanking of the LED (depending
> on
> > the antenna), but peaking means it is working.
> >
> > Mike, k5wmg
> > Pipe Creek, Texas
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> > On Fri, Jul 2, 2010 at 8:05 AM, <crp.wd8axb@...> wrote:
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> > > > actually was. Curt Milton helped me out with some tips
> > > > on testing it and the first was to be sure I had the switches in the
> > > > correct position and see if there is an audible difference as
> > > > you adjust the variable caps. Peak the band noise and a smidget one way
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> > > > the other dims the LED. Mine will actually tune up
> > > > all 3 bands on a half size G5RV but it is very touchy... it took a bit
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> > > > practice.
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> > > > Mike Malone KD5KXF
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> > > >> If it is a PFR-3A, I thought there was a resistor value change to take
> > > >> away some of the LED's brightness. The resistor value and circuit
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> > > >> =Charlie WD8AXB, a non-A owner
> > > >>

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1562. Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 15:05:34 UTC
From: Joey
Topic: 1549 Message: 1562

UPDATE: I now have the rear switch set to the binding posts,then the other three to TUNE, BLT, and LOW-Z. I am able to get the LED to dim. Are these the correct switch positions to tune a coax-fed antenna?

--- In pfr3_group@yahoogroups.com, Blake Michael <k9jri@...> wrote:
>
> Joey,
>
> I believe your problem might be the switch on the rear. If you are using the BLT but connecting via the coax connector the switch on the back must be toward the binding posts. That is counter intuitive but is a common problem. Check the schematic and you will see why.
>
> Michael Blake
> k9jri@...
>
>
>
>
>
> On Jul 2, 2010, at 10:51 AM, Joey wrote:
>
> > Well I replaced the 470 ohm resistor with a 1K like mentioned, and fired up the rig. I was on 40m with a 40m dipole that is pretty close to about 1.5 SWR. When I set the three switches to TUNE, COAX, and LOW-Z, turning the knobs did not affect band noise from what I can tell. Also trying to tune the antenna resulted in the LED staying the same brightness. Could it be the varicaps?
> >
> > --- In pfr3_group@yahoogroups.com, Michael Goins <wmgoins@> wrote:
> > >
> > > The tell here is really if it affects the noise level on the band. If you
> > > are getting some peaking of the noise, it is working, at least to some
> > > degree. You may or may not get a complete blanking of the LED (depending on
> > > the antenna), but peaking means it is working.
> > >
> > > Mike, k5wmg
> > > Pipe Creek, Texas
> > > Fast cars, slow boats, big dogs, old trucks, little radios, and summers off
> > > to write
> > >
> > >
> > >
> > > On Fri, Jul 2, 2010 at 8:05 AM, <crp.wd8axb@> wrote:
> > >
> > > >

> > > >
> > > >
> > > > It is very sensitive, I thought that mine was not functioning when it
> > > > actually was. Curt Milton helped me out with some tips
> > > > on testing it and the first was to be sure I had the switches in the
> > > > correct position and see if there is an audible difference as
> > > > you adjust the variable caps. Peak the band noise and a smidget one way or
> > > > the other dims the LED. Mine will actually tune up
> > > > all 3 bands on a half size G5RV but it is very touchy... it took a bit of
> > > > practice.
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> > > > Mike Malone KD5KXF
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> > > >> If it is a PFR-3A, I thought there was a resistor value change to take
> > > >> away some of the LED's brightness. The resistor value and circuit component
> > > >> number are mentioned in these egroup messages a few times. This
> > > >> modification was to make seeing the LED's dimming easier.
> > > >>
> > > >> =Charlie WD8AXB, a non-A owner
> > > >>
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1563. Re: [pfr3_group] Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 15:08:30 UTC
From: Michael Goins
Topic: 1549 Message: 1563

Yep. Congrats. Might try the Low-Z - High-Z switch to see if it improves,
but if you have black or serious dim, you have it now.

Mike, k5wmg
Pipe Creek, Texas
Fast cars, slow boats, big dogs, old trucks, little radios, and summers off
to write

On Fri, Jul 2, 2010 at 10:05 AM, Joey <kd0hfz@rocketmail.com> wrote:

>
>
> UPDATE: I now have the rear switch set to the binding posts,then the other
> three to TUNE, BLT, and LOW-Z. I am able to get the LED to dim. Are these
> the correct switch positions to tune a coax-fed antenna?
>
>
> --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com>, Blake
> Michael <k9jri@...> wrote:
> >
> > Joey,
> >
> > I believe your problem might be the switch on the rear. If you are using
> the BLT but connecting via the coax connector the switch on the back must be
> toward the binding posts. That is counter intuitive but is a common problem.
> Check the schematic and you will see why.
> >
> > Michael Blake
> > k9jri@...
>
> >
> > >
> > >
> > >
> > >
> > >
> > > On Jul 2, 2010, at 10:51 AM, Joey wrote:
> > >
> > > > Well I replaced the 470 ohm resistor with a 1K like mentioned, and
> fired up the rig. I was on 40m with a 40m dipole that is pretty close to
> about 1.5 SWR. When I set the three switches to TUNE, COAX, and LOW-Z,
> turning the knobs did not affect band noise from what I can tell. Also
> trying to tune the antenna resulted in the LED staying the same brightness.
> Could it be the varicaps?
> > > >
> > > > --- In pfr3_group@yahoogroups.com <pfr3_group%40yahoogroups.com>,
> Michael Goins <wmgoins@> wrote:

> > > >
> > > > The tell here is really if it affects the noise level on the band. If
> you
> > > > are getting some peaking of the noise, it is working, at least to
> some
> > > > degree. You may or may not get a complete blanking of the LED
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> > > > the antenna), but peaking means it is working.
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> > > > Mike, k5wmg
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> summers off
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> > > > On Fri, Jul 2, 2010 at 8:05 AM, <crp.wd8axb@> wrote:
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> > > > >
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> > > > >
> > > > > It is very sensitive, I thought that mine was not functioning when
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> > > > > correct position and see if there is an audible difference as
> > > > > you adjust the variable caps. Peak the band noise and a smidget one
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> > > > > the other dims the LED. Mine will actually tune up
> > > > > all 3 bands on a half size G5RV but it is very touchy... it took a
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> > > > > practice.
> > > > >
> > > > > Mike Malone KD5KXF
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> > > > >> If it is a PFR-3A, I thought there was a resistor value change to
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> > > > >> away some of the LED's brightness. The resistor value and circuit
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> > > > >> =Charlie WD8AXB, a non-A owner
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1564. Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 15:09:21 UTC
From: Steven Weber
Topic: 1549 Message: 1564

>When I set the three switches to TUNE, COAX, and LOW-Z, turning the knobs
>did not affect >band noise from what I can tell. Also trying to tune the
>antenna resulted in the LED staying the same >brightness. Could it be the
>varicaps?

The way you have the switches set you are by passing the BLT tuner and
connecting directly to the BNC coax connector. The BLT -COAX switch needs to
be in the BLT position to connect to the tuner.

In order to use the BLT tuner with the BNC coax connector, you need to set
the switch to BLT and then use the toggle switch on the back panel to
connect the coax connector to the binding posts (BLT output)

Yes, this is a little confusing, but clearly explained in the instruction
manual.

Steve KD1JV

1565. Steve Weber

Yahoo group: pfr3_group
Date: 2010-07-02 15:29:20 UTC
From: k9jri@att.net
Topic: 1565 Message: 1565

Steve, Glad to see you on the group. I hope this means that you are progressing nicely towards a recovery.

As a followup to our conversations regarding the power output of my NADC-40, I lowered the input voltage on my PFR-3A to 9 vdc so that the PFR-3A would have about the same voltage as the NADC's finals have.

The results were about 2.3 watts output, from the PFR-3A, on 40M so it looks like all is well in the NADC-40 with the 2 - 2.5 watts output that I have.

I do have kinda semi permanent custody of the Tektronix 475A scope now though so that was a real boon to the project.

Very 73 - Mike - K9JRI

1566. Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 15:29:57 UTC
From: Joey
Topic: 1549 Message: 1566

One last question: I assume that I leave the rear switch to the binding post position to operate the coax antenna?

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> >When I set the three switches to TUNE, COAX, and LOW-Z, turning the knobs
> >did not affect >band noise from what I can tell. Also trying to tune the
> >antenna resulted in the LED staying the same >brightness. Could it be the
> >varicaps?
>
> The way you have the switches set you are by passing the BLT tuner and
> connecting directly to the BNC coax connector. The BLT -COAX switch needs to
> be in the BLT position to connect to the tuner.
>
> In order to use the BLT tuner with the BNC coax connector, you need to set
> the switch to BLT and then use the toggle switch on the back panel to
> connect the coax connector to the binding posts (BLT output)
>
> Yes, this is a little confusing, but clearly explained in the instruction
> manual.
>
> Steve KD1JV
>

1567. Re: [pfr3_group] Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 15:34:59 UTC
From: Blake Michael
Topic: 1549 Message: 1567

Only if you are using the BLT. If you are not using the BLT then the switch should be toward the coax connector. Otherwise the BLT will be bridged across the coax connector.

Michael Blake
k9jri@...

On Jul 2, 2010, at 11:29 AM, Joey wrote:

> One last question: I assume that I leave the rear switch to the binding post position to operate the coax antenna?
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
> >
> > >When I set the three switches to TUNE, COAX, and LOW-Z, turning the knobs
> > >did not affect >band noise from what I can tell. Also trying to tune the
> > >antenna resulted in the LED staying the same >brightness. Could it be the
> > >varicaps?
> >
> > The way you have the switches set you are by passing the BLT tuner and
> > connecting directly to the BNC coax connector. The BLT -COAX switch needs to
> > be in the BLT position to connect to the tuner.
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> > In order to use the BLT tuner with the BNC coax connector, you need to set
> > the switch to BLT and then use the toggle switch on the back panel to
> > connect the coax connector to the binding posts (BLT output)
> >
> > Yes, this is a little confusing, but clearly explained in the instruction
> > manual.
> >
> > Steve KD1JV
> >
>
>

1568. Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-02 16:02:17 UTC
From: Joey
Topic: 1549 Message: 1568

Thank you to everybody for all your help! I am going to try the rig out this week on a camping trip.

--- In pfr3_group@yahoogroups.com, Blake Michael <k9jri@...> wrote:
>
> Only if you are using the BLT. If you are not using the BLT then the switch should be toward the coax connector. Otherwise the BLT will be bridged across the coax connector.
>
> Michael Blake
> k9jri@...
>
>
>
>
>
> On Jul 2, 2010, at 11:29 AM, Joey wrote:
>
> > One last question: I assume that I leave the rear switch to the binding post position to operate the coax antenna?
> >
> > --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
> > >
> > > >When I set the three switches to TUNE, COAX, and LOW-Z, turning the knobs
> > > >did not affect >band noise from what I can tell. Also trying to tune the
> > > >antenna resulted in the LED staying the same >brightness. Could it be the
> > > >varicaps?
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> > > The way you have the switches set you are by passing the BLT tuner and
> > > connecting directly to the BNC coax connector. The BLT -COAX switch needs to
> > > be in the BLT position to connect to the tuner.
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> > > the switch to BLT and then use the toggle switch on the back panel to
> > > connect the coax connector to the binding posts (BLT output)
> > >
> > > Yes, this is a little confusing, but clearly explained in the instruction
> > > manual.
> > >
> > > Steve KD1JV
> > >
> >
> >
>

1569. Still TX problems... need help!

Yahoo group: pfr3_group
Date: 2010-07-04 16:57:20 UTC
From: bbotlqw
Topic: 1569 Message: 1569

I posted a couple of weeks ago about a problem I am having with my PFR3, and have not found the answer yet...

The TX does not seem to work unless I connect my Voltmeter across the ground and pin 16 of U6! When I do, then the tuner led lights up and all the correct voltages are there. But if I key up without the voltmeter, nothing happens! I am having no success and am really hoping someone has an idea! Can anyone help?

I really appreciate it!

1570. Re: [pfr3_group] Still TX problems... need help!

Yahoo group: pfr3_group
Date: 2010-07-04 22:46:10 UTC
From: daleputnam@hotmail.com
Topic: 1569 Message: 1570

I missed your earlier post, and right now don't have the manual. As soon as I get back, later, I'll get with you
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "bbotlqw" <bbotlqw@...>
Sender: pfr3_group@yahoogroups.com
Date: Sun, 04 Jul 2010 16:57:20
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Still TX problems... need help!

I posted a couple of weeks ago about a problem I am having with my PFR3, and have not found the answer yet...

The TX does not seem to work unless I connect my Voltmeter across the ground and pin 16 of U6! When I do, then the tuner led lights up and all the correct voltages are there. But if I key up without the voltmeter, nothing happens! I am having no success and am really hoping someone has an idea! Can anyone help?

I really appreciate it!

1571. Still TX problems... need help!

Yahoo group: pfr3_group
Date: 2010-07-05 17:15:25 UTC
From: Steven Weber
Topic: 1569 Message: 1571

I would first check the connections to R37, which is the pull down resistor for that node. The other possibility is Pin 16 of U6 is not soldered well and only makes connection when you touch the probe to it.

Steve KD1JV

1572. Re: Still TX problems... need help!

Yahoo group: pfr3_group
Date: 2010-07-05 19:43:24 UTC
From: bbotlqw
Topic: 1569 Message: 1572

Thanks for the tips Steve,

R37 is good, and I have checked the solder connections and redone them to make sure. Here are some more details about the issue:

1) When I key up, the tuner led does not light up, and there are no voltages present on pins 1 and 13 of U8 (I don't have the schematics in front of me, but I believe those are the pins...)

2) If I put my voltmeter across the ground and pin 16 of U6, or across R37, or across pins 8 and 9 of U8 and key up, the tuner led lights up and the rig transmits.

3) If I keep on keying up while removing the voltmeter, the led stays lit and the rig keeps on transmiting. If I then stop and try keying up again, I am back at square one; ie the led doesn't light up, and no voltages on pins 1 an 13 of U8.

4) The resistor R37 is the correct resistance, and I have redone all the solder joints on U8.

I'm not sure what would be doing this, but could it be a logic issue? I mean, it seems like it's working fine, or not working, and I'm wondering what the voltmeter is influencing? It's on or off.

Thanks!

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> I would first check the connections to R37, which is the pull down resistor
> for that node. The other possibility is Pin 16 of U6 is not soldered well
> and only makes connection when you touch the probe to it.
>
> Steve KD1JV
>

1573. group 2 smoke test

Yahoo group: pfr3_group
Date: 2010-07-06 00:03:40 UTC
From: Rich
Topic: 1573 Message: 1573

well right now it is deaf as a doornail except for the keyer and button beeps.

Once in awile Ill hear the russian pulse radar sound, no cw though.
I fired up my Icom on 40 meters and sent some cw. Heard it really low, then I touched the edge of the pfr 3a board and I could hear the Icom great..... but still no other cw on the band. tuning through on the Icom and I hear the band very active.

what do you think..... Cold solder joint? Has anybody found this and fixed it on their radio?

Once again, Thank you in advance.
Rich NF8V

1574. Re: [pfr3_group] group 2 smoke test

Yahoo group: pfr3_group
Date: 2010-07-06 00:34:13 UTC
From: Larry Makoski
Topic: 1573 Message: 1574

Rich wrote:
>
>
> well right now it is deaf as a doornail except for the keyer and
> button beeps.
>
> Once in awile Ill hear the russian pulse radar sound, no cw though.
> I fired up my Icom on 40 meters and sent some cw. Heard it really low,
> then I touched the edge of the pfr 3a board and I could hear the Icom
> great..... but still no other cw on the band. tuning through on the
> Icom and I hear the band very active.
>
> what do you think..... Cold solder joint? Has anybody found this and
> fixed it on their radio?
>
> Once again, Thank you in advance.
> Rich NF8V
>
>

Rich,

Is the DDS working? If you take a wire and put it near the DDS chip and hook it to your Icom and tune to 11.9425 MHz, you should be able to hear it. The DDS provides the LO which the receiver section needs to receive signals.

Larry w2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

1575. Re: group 2 smoke test

Yahoo group: pfr3_group
Date: 2010-07-06 16:33:43 UTC
From: Rich
Topic: 1573 Message: 1575

Hi Larry
thank you for your reply,

On my freq counter Im geting 9.999 but from the setup menu although the switches change freq. they dont have any effect on the freq counter.
Rich

--- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@...> wrote:
>
> Rich wrote:
> >
> >
> > well right now it is deaf as a doornail except for the keyer and
> > button beeps.
> >
> > Once in awile Ill hear the russian pulse radar sound, no cw though.
> > I fired up my Icom on 40 meters and sent some cw. Heard it really low,
> > then I touched the edge of the pfr 3a board and I could hear the Icom
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> > Icom and I hear the band very active.
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> > what do you think..... Cold solder joint? Has anybody found this and
> > fixed it on their radio?
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> > Once again, Thank you in advance.
> > Rich NF8V
> >
> >
>
> Rich,
>
> Is the DDS working? If you take a wire and put it near the DDS chip and
> hook it to your Icom and tune to 11.9425 MHz, you should be able to hear
> it. The DDS provides the LO which the receiver section needs to receive
> signals.
>
> Larry w2LJ
>
> --
> 73 de Larry W2LJ
> QRP - When you care to send the very least!
>
> http://w2lj.blogspot.com/
> http://www.w2lj.qrpradio.com/
>

1576. Re: group 2 smoke test

Yahoo group: pfr3_group
Date: 2010-07-06 17:16:07 UTC
From: Rich
Topic: 1573 Message: 1576

Could it be the stupid T1 Toroid 40/5 ? I don't think I put it in back wards.... what would happen If I was short or over a turn?
I counted and recounted until I was cross eyed.
Rich
--- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@...> wrote:
>
> Rich wrote:
> >
> >
> > well right now it is deaf as a doornail except for the keyer and
> > button beeps.
> >
> > Once in awile Ill hear the russian pulse radar sound, no cw though.
> > I fired up my Icom on 40 meters and sent some cw. Heard it really low,
> > then I touched the edge of the pfr 3a board and I could hear the Icom
> > great..... but still no other cw on the band. tuning through on the
> > Icom and I hear the band very active.
> >
> > what do you think..... Cold solder joint? Has anybody found this and
> > fixed it on their radio?
> >
> > Once again, Thank you in advance.
> > Rich NF8V
> >
> >
>
> Rich,
>
> Is the DDS working? If you take a wire and put it near the DDS chip and
> hook it to your Icom and tune to 11.9425 MHz, you should be able to hear
> it. The DDS provides the LO which the receiver section needs to receive
> signals.
>
> Larry w2LJ
>
> --
> 73 de Larry W2LJ
> QRP - When you care to send the very least!
>
> http://w2lj.blogspot.com/
> http://www.w2lj.qrpradio.com/
>

1577. Re: Still TX problems... need help!

Yahoo group: pfr3_group
Date: 2010-07-08 05:09:58 UTC
From: querencias
Topic: 1569 Message: 1577

I have to assume that "key up" means "key or inputs are closed circuit"?

What is the the actual value of R37 in ohms? If you have a high impedance voltmeter or VTVM can you measure the voltage on pin16 U6? With "key down" what is the voltage on pin 16 U6. Should be ~ 1.5 V if the DDS is working.

I had a similar problem

Best of luck, Grant
--- In pfr3_group@yahoogroups.com, "bbotlqw" <bbotlqw@...> wrote:
>
> Thanks for the tips Steve,
>
> R37 is good, and I have checked the solder connections and redone them to make sure. Here are some more details about the issue:
>
> 1) When I key up, the tuner led does not light up, and there are no voltages present on pins 1 and 13 of U8 (I don't have the schematics in front of me, but I believe those are the pins...)
>
> 2) If I put my voltmeter across the ground and pin 16 of U6, or across R37, or across pins 8 and 9 of U8 and key up, the tuner led lights up and the rig transmits.
>
> 3) If I keep on keying up while removing the voltmeter, the led stays lit and the rig keeps on transmiting. If I then stop and try keying up again, I am back at square one; ie the led doesn't light up, and no voltages on pins 1 an 13 of U8.
>
> 4) The resistor R37 is the correct resistance, and I have redone all the solder joints on U8.
>
> I'm not sure what would be doing this, but could it be a logic issue? I mean, it seems like it's working fine, or not working, and I'm wondering what the voltmeter is influencing? It's on or off.
>
> Thanks!
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
> >
> > I would first check the connections to R37, which is the pull down resistor
> > for that node. The other possibility is Pin 16 of U6 is not soldered well
> > and only makes connection when you touch the probe to it.
> >
> > Steve KD1JV
> >
>

1578. PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2010-07-09 15:27:50 UTC
From: cyclist@sbcglobal.net
Topic: 938 Message: 1578

Hi All,

I built the earlier PFR-3 and use it all the time. This is an enjoyable kit to put together and even more fun to operate. However, I have never gotten around to building the second early kit and have decided to sell it. All components are in unopened bags. The price is $165, which includes shipping.

Thanks,

Tim, K6OM

1579. Re: [pfr3_group] PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2010-07-09 15:35:41 UTC
From: Steve Miller
Topic: 938 Message: 1579

You're making a wise decision. The second kit is equally fun to build except the case comes with decals instead of being silk screened....and they're not very good decals. The changes between the first and second units aren't significant. I built a 3A for a friend. That's how I know!! hi Steve N0SM

At 10:27 AM 7/9/2010, you wrote:
>"cyclist@..." <cyclist@...>

1580. Transmitter Problems

Yahoo group: pfr3_group
Date: 2010-07-09 18:19:32 UTC
From: Joey
Topic: 1580 Message: 1580

Sorry to bug you guys again but I have another question: When I power up the radio, the band noise sounds normal, and then I hit the paddle just for 1 dash, and the band noise completely dissapears. I have to wait a couple minutes before I can power the radio back on and the band noise re-apperas, only to be muted when I hit the paddle again. Any ideas?

1581. Re: Still TX problems... need help!

Yahoo group: pfr3_group
Date: 2010-07-10 20:57:45 UTC
From: bbotlqw
Topic: 1569 Message: 1581

Hi Grant,

Yes, the voltage is around 1.5 (1.70), but only when the voltmeter is on... What I mean by that is that as soon as I key up (or key down... I guess it depends if you're upside down or not, hihi!) with the voltmeter on, I read 1.70 volts, and the tuner led lights up to the rythm of the dits or dahs. But if I key down without the voltmeter on, then the led doesn't light up... and when I put the voltmeter on to check the voltage, then the led lights up... you see? What could the issue be?

--- In pfr3_group@yahoogroups.com, "querencias" <tuquerencia@...> wrote:
>
>
>
>
> I have to assume that "key up" means "key or inputs are closed circuit"?
>
> What is the the actual value of R37 in ohms? If you have a high impedance voltmeter or VTVM can you measure the voltage on pin16 U6? With "key down" what is the voltage on pin 16 U6. Should be ~ 1.5 V if the DDS is working.
>
> I had a similar problem
>
> Best of luck, Grant
> --- In pfr3_group@yahoogroups.com, "bbotlqw" <bbotlqw@> wrote:
> >
> > Thanks for the tips Steve,
> >
> > R37 is good, and I have checked the solder connections and redone them to make sure. Here are some more details about the issue:
> >
> > 1) When I key up, the tuner led does not light up, and there are no voltages present on pins 1 and 13 of U8 (I don't have the schematics in front of me, but I believe those are the pins...)
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> > 2) If I put my voltmeter across the ground and pin 16 of U6, or across R37, or across pins 8 and 9 of U8 and key up, the tuner led lights up and the rig transmits.
> >
> > 3) If I keep on keying up while removing the voltmeter, the led stays lit and the rig keeps on transmiting. If I then stop and try keying up again, I am back at square one; ie the led doesn't light up, and no voltages on pins 1 an 13 of U8.
> >
> > 4) The resistor R37 is the correct resistance, and I have redone all the solder joints on U8.
> >
> > I'm not sure what would be doing this, but could it be a logic issue? I mean, it seems

like it's working fine, or not working, and I'm wondering what the voltmeter is influencing? It's on or off.
> >
> > Thanks!
> >
> > --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
> > >
> > > I would first check the connections to R37, which is the pull down resistor
> > > for that node. The other possibility is Pin 16 of U6 is not soldered well
> > > and only makes connection when you touch the probe to it.
> > >
> > > Steve KD1JV
> > >
> >
>

1582. Re: Still TX problems... need help!

Yahoo group: pfr3_group
Date: 2010-07-11 15:59:35 UTC
From: querencias
Topic: 1569 Message: 1582

After looking at the schematic again the only possibility I can see is this :

1. the inputs to the quad NOR gates are "floating" so check the ground connections on U8. you may have cold or poor solder joints on the ground pins.
2. Check the R37 solder joints.
3. What kind of voltmeter are you using to measure the resistance and voltage? Is it high impedance, VTVM, DVM ?

You still haven't reported the R37 resistance; do you measure from pin 16/U7 and pin 2/U8? This can be enlightening.

all the best, Grant

--- In pfr3_group@yahoogroups.com, "bbotlqw" <bbotlqw@...> wrote:
>
> Hi Grant,
>
> Yes, the voltage is around 1.5 (1.70), but only when the voltmeter is on... What I mean by that is that as soon as I key up (or key down... I guess it depends if you're upside down or not, hihi!) with the voltmeter on, I read 1.70 volts, and the tuner led lights up to the rythm of the dits or dahs. But if I key down without the voltmeter on, then the led doesn't light up... and when I put the voltmeter on to check the voltage, then the led lights up... you see? What could the issue be?
>
> --- In pfr3_group@yahoogroups.com, "querencias" <tuquerencia@> wrote:
> >
> >
> >
> >
> > I have to assume that "key up" means "key or inputs are closed circuit"?
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> > What is the the actual value of R37 in ohms? If you have a high impedance voltmeter or VTVM can you measure the voltage on pin16 U6? With "key down" what is the voltage on pin 16 U6. Should be ~ 1.5 V if the DDS is working.
> >
> > I had a similar problem
> >
> > Best of luck, Grant
> > --- In pfr3_group@yahoogroups.com, "bbotlqw" <bbotlqw@> wrote:
> > >
> > > Thanks for the tips Steve,
> > >
> > > R37 is good, and I have checked the solder connections and redone them to make sure. Here are some more details about the issue:
> > >
> > > 1) When I key up, the tuner led does not light up, and there are no voltages present

on pins 1 and 13 of U8 (I don't have the schematics in front of me, but I believe those are the pins...)
> > >
> > > 2) If I put my voltmeter across the ground and pin 16 of U6, or across R37, or across pins 8 and 9 of U8 and key up, the tuner led lights up and the rig transmits.
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> > > 4) The resistor R37 is the correct resistance, and I have redone all the solder joints on U8.
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> > > I'm not sure what would be doing this, but could it be a logic issue? I mean, it seems like it's working fine, or not working, and I'm wondering what the voltmeter is influencing? It's on or off.
> > >
> > > Thanks!
> > >
> > > --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
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> > > > I would first check the connections to R37, which is the pull down resistor
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> > > > and only makes connection when you touch the probe to it.
> > > >
> > > > Steve KD1JV
> > > >
> > >
> > >
>

1583. PFR-3 BLT against SLT tuner

Yahoo group: pfr3_group
Date: 2010-07-11 17:27:53 UTC
From: lÃ±aki
Topic: 1583 Message: 1583

Hello guys,
I own a PFR-3, using it all the time with a random long wire. (trekkings in the mountains). Sometimes (often) I have difficulties to tune and get a decent SWR. So I am thinking of taking a tuning device. Thinking of volume/weight, I like the SLT offered by Hendricks.
Is there any advantage (clear advantage) in using the kit SLT (Switched longwire tuner plus) against the BLT of the PFR-3?
Do you have an idea of impedance range handled by the SLT ?
Can anybody give me the external dimensions (excluding knobs) of this SLT kit?
Thanks in advance.
73

1584. Re: [pfr3_group] PFR-3 BLT against SLT tuner

Yahoo group: pfr3_group
Date: 2010-07-11 18:44:43 UTC
From: sigcom@juno.com
Topic: 1583 Message: 1584

Hello Iñaki,

The BLT is primarily a tuner for antennas fed with balanced feedlines and won't do very well with loads above 500 Ohms and below 50 Ohms.

The SLT is not a general purpose tuner. It is designed specifically for end-fed half-wave wires. That means the matching range is approximately 2K-5K Ohms.

If you are home-building one you could add a switch that moves the variable capacitor to the input. That would make it a high-to-low impedance network and increase the matching range. That might help 'fill in the gap' in the matching range of the BLT and SLT.

BTW, the SLT is no longer available as a kit from Hendricks. It has been replaced by the SLT+ which increase the frequency range to include 80 meters.

Best of luck and 73

---------- Original Message ----------

Hello guys,
I own a PFR-3, using it all the time with a random long wire. (trekkings in the mountains). Sometimes (often) I have difficulties to tune and get a decent SWR. So I am thinking of taking a tuning device. Thinking of volume/weight, I like the SLT offered by Hendricks.
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Do you have an idea of impedance range handled by the SLT ?
Can anybody give me the external dimensions (excluding knobs) of this SLT kit?
Thanks in advance.
73

1585. Re: PFR-3 BLT against SLT tuner

Yahoo group: pfr3_group
Date: 2010-07-12 06:56:40 UTC
From: lÃ±aki
Topic: 1583 Message: 1585

Thanks for fast answer!!!
Let me do one more comment, as my knowledge of antennas is very limited.
Yes, I see that the BLT works fine to tune dipoles that need some minor adjustment, or my home vertical caox fed.
However, my pain is when I backpack with a "10m-12m or so wire" and I want to tune in every band for a few QSOs. (or at least in a couple of them)
The conditions (weather and time) I usually have at "3000m height" often do not allow me for measurements and adjustments, so I need a "real tuner".
But, a "real tuner" weighs and get a high volume or require bateries or....
What is your advise? Do you think the "SLT Plus kit" might be a good choice to increase the chances of tuning (knowing it will not do any miracle)?

Regarding the mod you propose..., could you be a bit more specific? Again, I am not good at this things and need idiot's proof guidelines...
Many thanks again.
Iñaki

--- In pfr3_group@yahoogroups.com, "sigcom@..." <sigcom@...> wrote:
>
> Hello Iñaki,
>
> The BLT is primarily a tuner for antennas fed with balanced feedlines and won't do very well with loads above 500 Ohms and below 50 Ohms.
>
> The SLT is not a general purpose tuner. It is designed specifically for end-fed half-wave wires. That means the matching range is approximately 2K-5K Ohms.
>
> If you are home-building one you could add a switch that moves the variable capacitor to the input. That would make it a high-to-low impedance network and increase the matching range. That might help 'fill in the gap' in the matching range of the BLT and SLT.
>
> BTW, the SLT is no longer available as a kit from Hendricks. It has been replaced by the SLT+ which increase the frequency range to include 80 meters.
>
> Best of luck and 73
>
> ---------- Original Message ----------
>
> Hello guys,
> I own a PFR-3, using it all the time with a random long wire. (trekkings in the mountains).
> Sometimes (often) I have difficulties to tune and get a decent SWR. So I am thinking of taking a tuning device. Thinking of volume/weight, I like the SLT offered by Hendricks.
> Is there any advantage (clear advantage) in using the kit SLT (Switched longwire tuner plus) against the BLT of the PFR-3?

> Do you have an idea of impedance range handled by the SLT ?
> Can anybody give me the external dimensions (excluding knobs) of this SLT kit?
> Thanks in advance.
> 73
>

1586. PFR-3 does not work in Straight Key Mode

Yahoo group: pfr3_group
Date: 2010-07-12 09:33:04 UTC
From: lÃ±aki
Topic: 1586 Message: 1586

Hello,
My PFR-3 works perfectly with iambic paddle, but no way with straight key.
I put mono plug and then switch on the rig, but it does not work like straight key.
MIght it be the chip mentioned in many other posts?
Am I doing anything wrong?
Thanks and 73
Iñaki

1587. Band Changing on its Own

Yahoo group: pfr3_group
Date: 2010-07-12 10:22:36 UTC
From: Bill
Topic: 1442 Message: 1587

I believe I've fixed the problem I had with my PFR-3 switching to 30 or 40 meters at random for several seconds. I think there was at least one other person in the group with the same problem.

After replacing the CPU chip (thanks, Steve, my old chip will be in the mail tomorrow morning) and finding it didn't fix the band changing problem, I took a look at the schematic and found a capacitor listed as C62 on the schematic in parallel with the resistors handling the voltage drop controlling band selection (there's another C62 in the low pass filter), but listed as C76 on the PC board layout. Ohming it out, I found a cold solder joint. Reflowing the bad connection fixed the problem.

Bill Trettin, KF8GE/HL9TY

1588. Re: PFR-3 does not work in Straight Key Mode

Yahoo group: pfr3_group
Date: 2010-07-12 14:57:07 UTC
From: IÃ±aki
Topic: 1586 Message: 1588

Hi again guys,
This is solved.
Plug stereo wired like mono, but you must switch the rig on while straight key is transmitting (key down).
It works then like straight key.
Thanks
73
Iñaki

--- In pfr3_group@yahoogroups.com, IÃ±aki <ecb01gxq@...> wrote:
>
> Hello,
> My PFR-3 works perfectly with iambic paddle, but no way with straight key.
> I put mono plug and then switch on the rig, but it does not work like straight key.
> MIght it be the chip mentioned in many other posts?
> Am I doing anything wrong?
> Thanks and 73
> Iñaki
>

1589. Re: PFR-3 BLT against SLT tuner

Yahoo group: pfr3_group
Date: 2010-07-12 14:59:54 UTC
From: Steven Weber
Topic: 1583 Message: 1589

Use the HI-Z BLT setting, set the coax/binding post toggle switch on the back of the rig to coax (this will ground the black binding post) Now connect a wire about 20% shorter than a 1/2 wave on 40 M to the red binding post and a counterpose wire to the black binding post (this can be 4-5 M, 12-15 feet long) You then should be able to tune up on 40 and 20 and maybe 30.

Steve KD1JV

1590. Re: PFR-3 BLT against SLT tuner

Yahoo group: pfr3_group
Date: 2010-07-12 15:33:23 UTC
From: lÃ±aki
Topic: 1583 Message: 1590

Many thanks Steve.
Really supportive.
Let me try it out and I will come back if still there are problems.
The counterpoise might be the difference here.
73
Iñaki

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> Use the HI-Z BLT setting, set the coax/binding post toggle switch on the
> back of the rig to coax (this will ground the black binding post) Now
> connect a wire about 20% shorter than a 1/2 wave on 40 M to the red binding
> post and a counterpose wire to the black binding post (this can be 4-5 M,
> 12-15 feet long) You then should be able to tune up on 40 and 20 and maybe
> 30.
>
> Steve KD1JV
>

1591. Re: PFR-3 does not work in Straight Key Mode

Yahoo group: pfr3_group
Date: 2010-07-12 15:55:02 UTC
From: wb9dlc
Topic: 1586 Message: 1591

My PFR3 does not work in SK mode, either. I posted this 'issue' before and got no response from the group. I emailed Steve Weber and he said that he knew of no software issues.

Yet, it worked before I obtained a new software chip from Steve (the original software had all kinds of keyer issues). The new software solved the keyer issues and introduced the SK problem.

I can't believe that it is a hardware issue since it worked before and it works great with a paddle. I know that Steve had a couple of versions of the software.

The sympton : Start the rig in SK mode - receives fine until you hit the key. At that point it never returns to RX mode and has a nasty sounding sidetone. You have to power off/on to get back to normal RX.

I would be interested to know if different software (newer or even older) would fix the issue.

73 - Mike/WB9DLC

--- In pfr3_group@yahoogroups.com, IÃ±aki <ecb01gxq@...> wrote:
>
> Hello,
> My PFR-3 works perfectly with iambic paddle, but no way with straight key.
> I put mono plug and then switch on the rig, but it does not work like straight key.
> MIght it be the chip mentioned in many other posts?
> Am I doing anything wrong?
> Thanks and 73
> Iñaki
>

1592. Re: PFR-3 BLT against SLT tuner

Yahoo group: pfr3_group
Date: 2010-07-12 19:15:08 UTC
From: John Parnell
Topic: 1583 Message: 1592

Hello- MAYBE you are trying to load too short of a wire, the tuner is VERY picky. I have found (through experimentation) that my PFR internal tuner works well with a 16.7 meter wire to the red post and 1/4 Mtr. counterpoise wires to the black post for EACH band (10.15, 7, 5 meters respectively, thin magnet wire works fine). I would try using different, longer lengths of antenna wire before giving up on the internal tuner. If all else fails, I highly recommend the Emtech ZM2 QRP tuner; although it might be a bit larger/heavier that you would like for backpacking. Best of luck and Happy Trails! de k7hv

1593. Transmitter Problems

Yahoo group: pfr3_group
Date: 2010-07-12 19:56:30 UTC
From: Steven Weber
Topic: 1580 Message: 1593

Sounds to me like the discharge resistor across the AGC hold cap is missing
or not connected.

KD1JV

1594. Re: Still TX problems... need help!

Yahoo group: pfr3_group
Date: 2010-07-12 23:32:20 UTC
From: bbotlqw
Topic: 1569 Message: 1594

Thanks for the reply,

The resistor r37 is 97kohm, wich is what it should be (100k). I will check and redo the solder joints again (for the third time now...) and check the ground connections on U8. I am using a digital multimeter (10Mohm impedance)to measure voltages and resistances. And I have measure both resistance and voltage from pin 16 of U7 to pin 2 of U8, directly at the resistor and at pins 8 and 9 of U8. Hope this is enough info, and I hope to find a solution soon!

Thanks everyone for your help!

--- In pfr3_group@yahoogroups.com, "querencias" <tuquerencia@...> wrote:
>
> After looking at the schematic again the only possibility I can see is this :
>
> 1. the inputs to the quad NOR gates are "floating" so check the ground connections on U8. you may have cold or poor solder joints on the ground pins.
> 2. Check the R37 solder joints.
> 3. What kind of voltmeter are you using to measure the resistance and voltage? Is it high impedance, VTVM, DVM ?
>
> You still haven't reported the R37 resistance; do you measure from pin 16/U7 and pin 2/U8? This can be enlightening.
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> all the best, Grant
>
>
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> --- In pfr3_group@yahoogroups.com, "bbotlqw" <bbotlqw@> wrote:
> >
> > Hi Grant,
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> > Yes, the voltage is around 1.5 (1.70), but only when the voltmeter is on... What I mean by that is that as soon as I key up (or key down... I guess it depends if you're upside down or not, hihi!) with the voltmeter on, I read 1.70 volts, and the tuner led lights up to the rythm of the dits or dahs. But if I key down without the voltmeter on, then the led doesn't light up... and when I put the voltmeter on to check the voltage, then the led lights up... you see? What could the issue be?
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> > --- In pfr3_group@yahoogroups.com, "querencias" <tuquerencia@> wrote:
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> > > I have to assume that "key up" means "key or inputs are closed circuit"?
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> > > What is the the actual value of R37 in ohms? If you have a high impedance voltmeter or VTVM can you measure the voltage on pin16 U6? With "key down" what is the voltage on pin 16 U6. Should be ~ 1.5 V if the DDS is working.
> > >
> > > I had a similar problem
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> > > Best of luck, Grant
> > > --- In pfr3_group@yahoogroups.com, "bbotlqw" <bbotlqw@> wrote:
> > > >
> > > > Thanks for the tips Steve,
> > > >
> > > > R37 is good, and I have checked the solder connections and redone them to make sure. Here are some more details about the issue:
> > > >
> > > > 1) When I key up, the tuner led does not light up, and there are no voltages present on pins 1 and 13 of U8 (I don't have the schematics in front of me, but I believe those are the pins...)
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> > > > 2) If I put my voltmeter across the ground and pin 16 of U6, or across R37, or across pins 8 and 9 of U8 and key up, the tuner led lights up and the rig transmits.
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> > > > 3) If I keep on keying up while removing the voltmeter, the led stays lit and the rig keeps on transmiting. If I then stop and try keying up again, I am back at square one; ie the led doesn't light up, and no voltages on pins 1 an 13 of U8.
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> > > > 4) The resistor R37 is the correct resistance, and I have redone all the solder joints on U8.
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> > > > I'm not sure what would be doing this, but could it be a logic issue? I mean, it seems like it's working fine, or not working, and I'm wondering what the voltmeter is influencing? It's on or off.
> > > >
> > > > Thanks!
> > > >
> > > > --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
> > > > >
> > > > > I would first check the connections to R37, which is the pull down resistor
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> > > > >
> > > > > Steve KD1JV
> > > > >
> > > >
> > > >
> > >
> >
>

1595. Re: PFR-3 BLT against SLT tuner

Yahoo group: pfr3_group
Date: 2010-07-13 07:45:41 UTC
From: lÃ±aki
Topic: 1583 Message: 1595

Thanks John and all others involved in the assistance.
Yes, you are completely right. First of all I am trying with some 15-16-17m wire adding a counterpoise. If I manage that, it will save me one device, being by far the best solution. (actually I chose the PFR-3 because the tunner was included)

Regarding this EMtech tuner you mention... I heeard wonders about it. I keep it in mind. This summer, I will intensify my tests in the mountains.
Many thanks for all your help. I feel proud of being part of this group!!
73
Iñaki
EA2CTB

--- In pfr3_group@yahoogroups.com, "John Parnell" <jparnell@...> wrote:
>
> Hello- MAYBE you are trying to load too short of a wire, the tuner is VERY picky. I have found (through experimentation) that my PFR internal tuner works well with a 16.7 meter wire to the red post and 1/4 Mtr. counterpoise wires to the black post for EACH band (10.15, 7, 5 meters respectively, thin magnet wire works fine). I would try using different, longer lengths of antenna wire before giving up on the internal tuner. If all else fails, I highly recommend the Emtech ZM2 QRP tuner; although it might be a bit larger/heavier that you would like for backpacking. Best of luck and Happy Trails! de k7hv
>

1596. Re: PFR-3 BLT against SLT tuner

Yahoo group: pfr3_group
Date: 2010-07-13 08:05:45 UTC
From: Jacques
Topic: 1583 Message: 1596

Hi Iñaki and the Group,

My 2 cents :

1 - if possible stick to the advice of Steven, the BLT is capable to tune almost any LW providing you also have a grounding or counterpoise (which is also radiating)

2 ☐ the Emtech ZM-2 is not ☐the☐ reference any more, there is a new version : ZM-4. In Europe, the kit is available at QRP-Project DE : http://www.qrpproject.de/UK/ZM4.html

I own it, it works great and tune just anything (also on 160m band). And the service provided by Peter and Nikolai is first class.

Have fun on the roof of the world,

73 de Jake, ON4YZ

1597. Re: [pfr3_group] Re: PFR-3 BLT against SLT tuner

Yahoo group: pfr3_group
Date: 2010-07-14 11:44:29 UTC
From: lahagar1@aol.com
Topic: 1583 Message: 1597

Hi Steven,

Previously I had used a 1/2λ on 40m. But for casual operation in my in-laws backyard, a shorter antenna was easier to install so this weekend I tried a 10.4m (34ft) wire with ~4.6m (15ft) +/- counterpoise. I had a great time operating portable from NW Iowa using this wire as a vertical antenna. The 10.4m antenna worked as a 1/4λ on 40m, 0.35λ on 30m and 1/2λ on 20m. It loaded with full dimming of LED on all three bands.

On 40m it was very easy to find resonance with BLT. On 20m and 30m, with this 10m wire, it took more care to find the match settings the first time. I found that very small incremental changes as trial positions of the LOAD cap followed by "fine tuning" the TUNE cap worked best to get the LED to fully dim. Yes, on 30m with this antenna tuning is very very sharp and there is only one precise setting for the "LOAD" cap, but once the settings are known for a particular antenna and counterpoise arrangement it is easy to find again. Hi-Z setting used. I made sketch in notebook for cap dial positions which made it easier to return. Repositioning antenna or counterpoise obviously changes the dial settings somewhat.

Here is a video showing a couple sample QSO's I made with that antenna. The first QSO in video is with K8MP, Joe in Delaware, OH a 600 mile 40m contact. The second recording is KD3DK, Jerry in Houston, PA a distance of about 750 miles on 20m. Good reports. On 20m the 1/2λ length is probably ideal for low angle radiation lobe, and using one antenna for all three bands was convenient.

http://www.youtube.com/user/NG9D#p/u/12/3kWvXJ_5XgE

PFR3 internal PS, keyer and BLT really make portable operation convenient. Amazing little device. The only mistake I made was not taking your (AGC) advice and to reduce the volume while tuning around the band. K6XK blew my eardrums out on 7020kHz - still ringing... Congratulations on designing a superb QRP radio Steven! I look forward to assembling the PFR3 paddle next!

73,
Lynn
NG9D

-----Original Message-----
From: Steven Weber <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Jul 12, 2010 9:59 am
Subject: [pfr3_group] Re: PFR-3 BLT against SLT tuner

Use the HI-Z BLT setting, set the coax/binding post toggle switch on the
back of the rig to coax (this will ground the black binding post) Now
connect a wire about 20% shorter than a 1/2 wave on 40 M to the red binding
post and a counterpose wire to the black binding post (this can be 4-5 M,
12-15 feet long) You then should be able to tune up on 40 and 20 and maybe
30.

Steve KD1JV

1598. Re: [pfr3_group] Re: PFR-3 BLT against SLT tuner

Yahoo group: pfr3_group
Date: 2010-07-14 12:52:58 UTC
From: lahagar1@aol.com
Topic: 1583 Message: 1598

A couple other details I forgot to mention. I used the toggle switch set to the 'balanced line' - not the 'coax' position (as shown in the pictures on the video link). That was the only way it would tune, and the audio strength of the signals was noticeably better in the 'balanced line' position when using the 10.4m wire and 4.6m counterpoise. Both wires insulated, and counterpoise laying on ground.

73 all!

NG9D . .

-----Original Message-----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Wed, Jul 14, 2010 6:44 am
Subject: Re: [pfr3_group] Re: PFR-3 BLT against SLT tuner

Hi Steven,

Previously I had used a 1/2λ on 40m. But for casual operation in my in-laws backyard, a shorter antenna was easier to install so this weekend I tried a 10.4m (34ft) wire with ~4.6m (15ft) +/- counterpoise. I had a great time operating portable from NW Iowa using this wire as a vertical antenna. The 10.4m antenna worked as a 1/4λ on 40m, 0.35λ on 30m and 1/2λ on 20m. It loaded with full dimming of LED on all three bands.

On 40m it was very easy to find resonance with BLT. On 20m and 30m, with this 10m wire, it took more care to find the match settings the first time. I found that very small incremental changes as trial positions of the LOAD cap followed by "fine tuning" the TUNE cap worked best to get the LED to fully dim. Yes, on 30m with this antenna tuning is very very sharp and there is only one precise setting for the "LOAD" cap, but once the settings are known for a particular antenna and counterpoise arrangement it is easy to find again. Hi-Z setting used. I made sketch in notebook for cap dial positions which made it easier to return. Repositioning antenna or counterpoise obviously changes the dial settings somewhat.

Here is a video showing a couple sample QSO's I made with that antenna. The first QSO in video is with K8MP, Joe in Delaware, OH a 600 mile 40m contact. The second recording is KD3DK, Jerry in Houston, PA a distance of about 750 miles on 20m. Good reports. On 20m the 1/2λ length is probably ideal for low angle radiation lobe, and using one antenna for all three bands was convenient.

http://www.youtube.com/user/NG9D#p/u/12/3kWvXJ_5XgE

PFR3 internal PS, keyer and BLT really make portable operation convenient. Amazing little device. The only mistake I made was not taking your (AGC) advice and to reduce the volume while tuning around the band. K6XK blew my eardrums out on 7020kHz - still ringing... Congratulations on designing a superb QRP radio Steven! I look forward to assembling the PFR3 paddle next!

73,
Lynn
NG9D

-----Original Message-----
From: Steven Weber <steve.kd1jv@gmail.com>
To: pfr3_group@yahoogroups.com
Sent: Mon, Jul 12, 2010 9:59 am
Subject: [pfr3_group] Re: PFR-3 BLT against SLT tuner

Use the HI-Z BLT setting, set the coax/binding post toggle switch on the back of the rig to coax (this will ground the black binding post) Now connect a wire about 20% shorter than a 1/2 wave on 40 M to the red binding post and a counterpose wire to the black binding post (this can be 4-5 M, 12-15 feet long) You then should be able to tune up on 40 and 20 and maybe 30.

Steve KD1JV

1599. WILDERNESS ALERT--

Yahoo group: pfr3_group
Date: 2010-07-16 03:19:42 UTC
From: va3ied
Topic: 1599 Message: 1599

I thought I would announce I will be active qrp portable from the wilds of Northern Algonqun park the eve's of July
20 and 21...most likely QRV from 2100 hrs EST (or sooner) on or around 7.040 Mhz...hope to hear you around

will be running battery powered PFR-3A into
dipole from the tent...

scott VA3IED

1600. Swap a kit for a radio?

Yahoo group: pfr3_group
Date: 2010-07-18 13:23:31 UTC
From: k9jri@att.net
Topic: 1600 Message: 1600

I have only one commercially made radio in my shack now and would like to trade it for a good unbuilt kit.

The radio is an absolutely PERFECT Radio Shack HTX-10 that has seen very little use. Both the radio and the Mic are electrically and cosmetically perfect.

If you have a kit to swap send me an email note. I will be happy to ship the HTX-10 first so that you can look it over before you ship to me.

Very 73 - Mike - K9JRI

k9jri at mac dot com

1601. Re: Swap a kit for a radio?

Yahoo group: pfr3_group
Date: 2010-07-18 23:27:37 UTC
From: k9jri@att.net
Topic: 1600 Message: 1601

The radio is gone. Thanks

--- In pfr3_group@yahoogroups.com, "k9jri@..." <k9jri@...> wrote:
>
> I have only one commercially made radio in my shack now and would like to trade it for a good unbuilt kit.
>
> The radio is an absolutely PERFECT Radio Shack HTX-10 that has seen very little use. Both the radio and the Mic are electrically and cosmetically perfect.
>
> If you have a kit to swap send me an email note. I will be happy to ship the HTX-10 first so that you can look it over before you ship to me.
>
> Very 73 - Mike - K9JRI
>
> k9jri at mac dot com
>

1602. end fed antenna for 40 and the PFR-3

Yahoo group: pfr3_group
Date: 2010-07-19 02:03:20 UTC
From: va3ied
Topic: 1602 Message: 1602

Hi Folks,

Been reading some of the discussion re: antennas and the PFR tuner. Presently I am running 450 ohm window line to a 1/2 wave dipole. Switched to 'Bal line" and tuning thru the tuner (I assume thats correct) From what I understand, an end fed arrangement would be appx 34 feet of wire connected to the red terminal, 10-12 feet wire to the black terminal (counterpoise laying on ground) and the switch pointed to the 'coax' side. Does that sound correct? Appreciate your thoughts.
73
scott

1603. Re: [pfr3_group] end fed antenna for 40 and the PFR-3

Yahoo group: pfr3_group
Date: 2010-07-19 13:10:49 UTC
From: Ed - K9EW
Topic: 1602 Message: 1603

Hi Scott,

A useful variation on a 20m endfed antenna is a half-wave of wire (34 feet) plus a quarter-wave of twinlead. You'll have to calculate the length of the twinlead since it includes the velocity factor. What this does is covert the high impedance of the endfed half-wave to a lower impedance that's easier to match to. It also enables you to get the center of the radiating wire up higher for a better signal.

I've used this as a "camper antenna", and it works quite well with a balanced line tuner. No counterpoise needed.

73,
ed - k9ew
www.k9ew.us

On Sun, Jul 18, 2010 at 9:03 PM, va3ied <scottsheppard@...> wrote:

>
>
> Hi Folks,
>
> Been reading some of the discussion re: antennas and the PFR tuner.
> Presently I am running 450 ohm window line to a 1/2 wave dipole. Switched to
> 'Bal line" and tuning thru the tuner (I assume thats correct) From what I
> understand, an end fed arrangement would be appx 34 feet of wire connected
> to the red terminal, 10-12 feet wire to the black terminal (counterpoise
> laying on ground) and the switch pointed to the 'coax' side. Does that sound
> correct? Appreciate your thoughts.
> 73
> scott
>
>
>

1604. Re: [pfr3_group] end fed antenna for 40 and the PFR-3

Yahoo group: pfr3_group
Date: 2010-07-19 13:53:41 UTC
From: daleputnam@hotmail.com
Topic: 1602 Message: 1604

It seems to me that the direct end fed half wave would be higher impedance than the coax output would like. If you connect the counterpoise to the black post and the antenna to the red one switch to "bal", it may like it a lot better. Have a great day
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "va3ied" <scottsheppard@videotron.ca>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 19 Jul 2010 02:03:20
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] end fed antenna for 40 and the PFR-3

Hi Folks,

Been reading some of the discussion re: antennas and the PFR tuner. Presently I am running 450 ohm window line to a 1/2 wave dipole. Switched to 'Bal line" and tuning thru the tuner (I assume thats correct) From what I understand, an end fed arrangement would be appx 34 feet of wire connected to the red terminal, 10-12 feet wire to the black terminal (counterpoise laying on ground) and the switch pointed to the 'coax' side. Does that sound correct? Appreciate your thoughts.
73
scott

1605. NO OUTPUT

Yahoo group: pfr3_group
Date: 2010-07-22 17:09:19 UTC
From: Charles
Topic: 1605 Message: 1605

I inadvertently crossed the coax on my MFJ 971 tuner and think I have
blown the finals. The little booger had been working beautifully. Now, all works but no output. Can any of you guys give me a hand trying to get the PFR3A back on the air?

Charlie,W8OEY

1606. Re: PFR-3 Tuner Problems/LED issue

Yahoo group: pfr3_group
Date: 2010-07-23 09:49:12 UTC
From: Petr
Topic: 1549 Message: 1606

Hi all,

I would like to ask which impedance range is covered by tuner inside?

73 - Petr, OK1RP

--- In pfr3_group@yahoogroups.com, lahagar1@... wrote:
>
>
> Yes, Charlie: I used the advice posted previously, Steven Weber recommends the use of 1k ohm resistor instead of 470 ohm for R48. The LED SWR indicator works great, very intuitive watching the little light go from bright to dark. Oh, Charlie - you should get a PFR3 - very fun to build! http://www.youtube.com/watch?v=wJs2iYGd-VA
>
> 73 LYNN NG9D . .
>
>
> -----Original Message-----
> From: crp.wd8axb@...
> To: pfr3 group <pfr3_group@yahoogroups.com>
> Sent: Fri, Jul 2, 2010 8:05 am
> Subject: Re: [pfr3_group] Re: PFR-3 Tuner Problems/LED issue
>
>
>
>
>
>
>
>
>
>
> It is very sensitive, I thought that mine was not functioning when it actually was. Curt Milton helped me out with some tips
>
> on testing it and the first was to be sure I had the switches in the correct position and see if there is an audible difference as
> you adjust the variable caps. Peak the band noise and a smidget one way or the other dims the LED. Mine will actually tune up
> all 3 bands on a half size G5RV but it is very touchy... it took a bit of practice.
>
>
> Mike Malone KD5KXF
>
>
>
>

>
> >
> If it is a PFR-3A, I thought there was a resistor value change to take away some of the LED's brightness. The resistor value and circuit component number are mentioned in these egroup messages a few times. This modification was to make seeing the LED's dimming easier.
>
> =Charlie WD8AXB, a non-A owner
>

1607. Rotary encoder for PFR-3...

Yahoo group: pfr3_group
Date: 2010-07-23 10:07:38 UTC
From: Petr
Topic: 1607 Message: 1607

Hello,

I would like to share with You the link for very nice add-on kit suitable also for PFR-3. An article about the rotary encoder is here:

http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html

The encoder was designed originaly for ATS radios. As I know it was tested successfuly by Dale, WC7S with PFR-3 also.

Even more electronics can be found overe here but the encoder is most interesting for us I guess. You can find here also some additional informations and pictures.

Did anybody else tested it with PFR-3 please?

73 - Petr, OK1RP

1608. DigiPan, Digital modes and Windows 7

Yahoo group: pfr3_group
Date: 2010-07-25 00:09:02 UTC
From: Jim
Topic: 1608 Message: 1608

This message is being sent to several reflectors. If you happen to receive two or more copies, that only means that we have subscribed to several of the same amateur radio email groups. All of that said, my potential problem (?) is that in the not too distant future I might be able to get a new computer. This computer will, among other activities, be used for computer generated digital mode operation of an IC 706MK2G. At present, I use Digipan for most of these operations in digital modes. I would prefer not to get into any discussion about "this OS is better than that one" or flames along the same line. I have, although briefly, tried some of the operating system versions offered by Apple and one or two of the Linux versions. However, the greatest part of my computer experience (at least 20 years) has been with the various versions and incantations offered by Microsoft. Currently my computer uses Windows Xp with Service Pack 3 installed. When Windows Vista came out I remember reading several comments that the users were having trying to get the software (mostly rig control and logging) to work properly with Vista. Has anyone tried Digipan, or any other ham digital software, with Windows 7? Have there been any problems getting everything configured correctly?

Thank you for the time and the opportunity to post this question.
Jim Good KD5VXH

1610. no output and 20 meters only.....

Yahoo group: pfr3_group
Date: 2010-07-27 02:30:26 UTC
From: Rich
Topic: 1610 Message: 1610

after many months I finally got my PFR3A working. The board laying on my bench. I was so excited I measured 4.5 watts coming out and could hear signals, I had 20,30 and 40 meters. I picked it up to put it in the case, put it down to do something then went back to the board and case, I'm kicking myself but I forgot to disconnect the power and mounted (or started) it in the case. I think I might Probably) have shorted the board, when I turned it on again all the band switches are 20 meters and it has no output at all. Who knows if the tuner works.
Well based on my 15 minutes of use I really like the radio. I don't want it to end up being a $200 paperweight
Unless somebody here to talk me through troubleshooting I hope to send to steve W.
Rich NF8V

1613. Re: [pfr3_group] PFR-3A No power and only 20 meters.

Yahoo group: pfr3_group
Date: 2010-07-28 03:59:18 UTC
From: sigcom@juno.com
Topic: 1613 Message: 1613

Rich,

I forgot to ask you, have you tried taking the board out of the case and trying it? Obvious question so obviously forgotten :-)

S.S.

1614. Re: PFR-3A No power and only 20 meters.

Yahoo group: pfr3_group
Date: 2010-07-28 21:09:33 UTC
From: Rich
Topic: 1613 Message: 1614

Yup I took it out of the case for testing.
Rich

--- In pfr3_group@yahoogroups.com, "sigcom@..." <sigcom@...> wrote:
>
> Rich,
>
> I forgot to ask you, have you tried taking the board out of the case and trying it?
Obvious question so obviously forgotten :-)
>
> S.S.
>

1615. DDS calibration

Yahoo group: pfr3_group
Date: 2010-07-30 21:05:31 UTC
From: wa9s_ckwishmeier
Topic: 1615 Message: 1615

Two small problems with my PFR-3A:

Using a Fluke frequency counter, the calibration mode and the tuning switches I am able to adjust the DDS clock to 10,000,000. BUT when I click the MENU switch to save my setting it just resets back to the original reading. I have assumed that when the manual says to click the KEYER switch it really means to click the MENU switch. The operating frequency is off by 200-300 hz and I would like to get it on frequency. Does anyone have any suggestions?

The second problem is that stored messages seem to mess up a few letters when sent faster than about 22 wpm. Suggestions?

Otherwise this little rig is absolutely incredible. I have been working stations all over the US and about a half dozen Europeans in the past week. Not the easiest kit to build because of the small part size, my eyes being 62 years old. But after I found two missed solder points everything else has been working perfectly. Any help would be appreciated.

Keith WA9S

1616. Re: [pfr3_group] DDS calibration

Yahoo group: pfr3_group
Date: 2010-07-31 12:30:07 UTC
From: lahagar1@aol.com
Topic: 1615 Message: 1616

Keith,

I had the same (unresolved) issue but in my case the default frequency was very close -- within 80 Hz! Shown at the 0:18 mark on this video:
http://www.youtube.com/user/NG9D#p/u/3/wJs2iYGd-VA

I have also been having a blast with this radio. I took it on a weekend trip and it played well with a 34 foot wire antenna on 40 - 20m:

http://www.youtube.com/user/NG9D#p/u/3/wJs2iYGd-VA

Am going to start building the paddle this weekend. I haven't tried the memory keyer function yet.

73
LYNN
NG9D

-----Original Message-----
From: wa9s_ckwishmeier <ckwishmeier@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, Jul 30, 2010 4:05 pm
Subject: [pfr3_group] DDS calibration

Two small problems with my PFR-3A:

Using a Fluke frequency counter, the calibration mode and the tuning switches I am able to adjust the DDS clock to 10,000,000. BUT when I click the MENU switch to save my setting it just resets back to the original reading. I have assumed that when the manual says to click the KEYER switch it really means to click the MENU switch. The operating frequency is off by 200-300 hz and I would like to get it on frequency. Does anyone have any suggestions?

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Keith WA9S

1617. Re: [pfr3_group] DDS calibration

Yahoo group: pfr3_group
Date: 2010-07-31 14:14:44 UTC
From: ckwishmeier@cs.com
Topic: 1615 Message: 1617

Lynn,

Steve kd1jv contacted me and gave me the easy solution. I was re-checking the 10,000,000 frequency every time before checking the T/R frequency against my standard. His chip design resets the DDS to the default value every time you enter the calibration mode. So when I just did the calibration, then tested the radio on the air, it worked properly!

I tried the PFR-3A in the field last night with a 53 foot wire and several different length counterpoise and was unable to get an acceptable tune-up on any band. In the home shack the tuner has no trouble either just fine-tuning my 40M dipole or tuning up 30M on the 80M dipole. With my LDG Z817 tuner and a 4:1 balun I could tune the wire antenna, but I felt that the noise level was too low, at least compared to my home antennas. What length counterpoise were you using with the 34 foot long wire?

The PFR-3A radio kit is VERY impressive. And I enjoyed your YouTube videos. They were great help. But as good as the radio is, the paddle kit that I received was very poor. Now to be fair, once assembled the paddle works very well. It's perfect for use in the field and the radio is heavy enough that it doesn't move around when using the paddle. So I want to say that I really like this paddle. Maybe my paddle kit was shipped with incorrect parts. The (4) stepped plastic washers that were to fit into the (4) holes in the spring steel arms would not fit into those holes nor into the holes of the (4) plastic washers on the back side of the arms. I went to my local hardware store and purchased a quality carbide drill bit and (4) new backside plastic washers. Then I drilled out the existing holes in the spring steel arms so that the stepped washers would fit. That solved that problem. However, I then discovered that the screws that are used to attach the arms to the aluminum block were too long as the threaded holes in the aluminum block are drilled and tapped clear through and the ends of the screws hit each other preventing the assembly from being tightened. That required another trip to the hardware store to get shorter screws. After going through all of this I came to the conclusion that simply obtaining new stepped washers, if available, would have been a better solution. I plan to contact Doug at Hendricks about this so that he can make corrections. Of course, maybe he reads this!

Lynn, let me know if you have the same stumbling problem with the memory part of the keyer. Otherwise the keyer works very well. I would absolutely recommend this radio and the paddle. I am delighted. In the past week I have worked about twenty contacts including both coasts of the US, British Columbia, Mexico, Brazil, France, Italy and Yugoslavia. Most of this was on 40M with my dipole!

Keith

-----Original Message-----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Sat, Jul 31, 2010 8:30 am
Subject: Re: [pfr3_group] DDS calibration

Keith,

I had the same (unresolved) issue but in my case the default frequency was very close -- within 80 Hz! Shown at the 0:18 mark on this video:
http://www.youtube.com/user/NG9D#p/u/3/wJs2iYGd-VA

I have also been having a blast with this radio. I took it on a weekend trip and it played well with a 34 foot wire antenna on 40 - 20m:

http://www.youtube.com/user/NG9D#p/u/3/wJs2iYGd-VA

Am going to start building the paddle this weekend. I haven't tried the memory keyer function yet.

73
LYNN
NG9D

-----Original Message-----
From: wa9s_ckwishmeier <ckwishmeier@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, Jul 30, 2010 4:05 pm
Subject: [pfr3_group] DDS calibration

Two small problems with my PFR-3A:

Using a Fluke frequency counter, the calibration mode and the tuning switches I am able to adjust the DDS clock to 10,000,000. BUT when I click the MENU switch to save my setting it just resets back to the original reading. I have assumed that when the manual says to click the KEYER switch it really means to click the MENU switch. The operating frequency is off by 200-300 hz and I would like to get it on frequency. Does anyone have any suggestions?

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73
LYNN
NG9D

-----Original Message-----
From: wa9s_ckwishmeier <ckwishmeier@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, Jul 30, 2010 4:05 pm
Subject: [pfr3_group] DDS calibration

Two small problems with my PFR-3A:

Using a Fluke frequency counter, the calibration mode and the tuning switches I am able to adjust the DDS clock to 10,000,000. BUT when I click the MENU switch to save my setting it just resets back to the original reading. I have assumed that when the manual says to click the KEYER switch it really means to click the MENU switch. The operating frequency is off by 200-300 hz and I would like to get it on frequency. Does anyone have any suggestions?

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Keith WA9S

1618. Re: [pfr3_group] DDS calibration

Yahoo group: pfr3_group
Date: 2010-07-31 14:29:40 UTC
From: Blake Michael
Topic: 1615 Message: 1618

Keith, Regarding the paddle I too found that the screws were too long but the easy solution was a small, properly sized washer under the head of the screw opposite the screw with the solder lugs. This provided the right amount of relief to tighten down the screws. My shoulder washers pressed in quite tightly and I suspect that it is supposed to be a close fit just to eliminate any possibility of "wiggle".

As for the memory keyer I was surprised that the memory is exactly that. It stores the actual spacing that I sent rather than perfectly generated "letters". My sending was not good enough to get a well spaced message into the memory. What I did was to record the message at a very low speed where I could control the spacing much better. When speeded back up to normal speeds it sounded pretty good.

Michael Blake
k9jri@...

On Jul 31, 2010, at 10:14 AM, ckwishmeier@...m wrote:

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> Lynn,
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> Steve kd1jv contacted me and gave me the easy solution. I was re-checking the 10,000,000 frequency every time before checking the T/R frequency against my standard. His chip design resets the DDS to the default value every time you enter the calibration mode. So when I just did the calibration, then tested the radio on the air, it worked properly!
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>
> Keith
>
>

1619. Re: [pfr3_group] DDS calibration

Yahoo group: pfr3_group
Date: 2010-07-31 14:44:45 UTC
From: ckwishmeier@cs.com
Topic: 1615 Message: 1619

Michael,

Thanks for your reply. The holes in the spring steel were 1/8" diameter. The shoulder washers were 3/16". Even when I drilled the holes out to 3/16" the washers were a tight fit.

I did the same wrt the keyer memory (i.e. sending slowly). As long as the memory sending is 20 wpm or less, the sending is fine. Above that it seems to fumble over one or two letters in the message. Not a big problem. I usually fumble a letter or two myself at the higher speeds!

Keith

-----Original Message-----
From: Blake Michael <k9jri@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Jul 31, 2010 10:29 am
Subject: Re: [pfr3_group] DDS calibration

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Keith

1620. Re: [pfr3_group] DDS calibration

Yahoo group: pfr3_group
Date: 2010-07-31 15:17:12 UTC
From: lahagar1@aol.com
Topic: 1615 Message: 1620

Keith,

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LYNN
NG9D

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From: ckwishmeier@...
To: pfr3_group@yahoogroups.com
Sent: Sat, Jul 31, 2010 9:14 am
Subject: Re: [pfr3_group] DDS calibration

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From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Sat, Jul 31, 2010 8:30 am
Subject: Re: [pfr3_group] DDS calibration

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-----Original Message-----
From: wa9s_ckwishmeier <ckwishmeier@cs.com>
To: pfr3_group@yahoogroups.com
Sent: Fri, Jul 30, 2010 4:05 pm
Subject: [pfr3_group] DDS calibration

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Otherwise this little rig is absolutely incredible. I have been working stations all over the US and about a half dozen Europeans in the past week. Not the easiest kit to build because of the small part size, my eyes being 62 years old. But after I found two missed solder points everything else has been working perfectly. Any help would be appreciated.

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1621. Re: [pfr3_group] DDS calibration

Yahoo group: pfr3_group
Date: 2010-07-31 15:39:25 UTC
From: ckwishmeier@cs.com
Topic: 1615 Message: 1621

Lynn,

For me "fuzzy" was my SB-102 which I still have and use! Also put together the HW-22 and added 75M to it, but the SB-102, wow. And it worked the first time.

Keith
WA9S

-----Original Message-----
From: lahagar1@aol.com
To: pfr3_group@yahoogroups.com
Sent: Sat, Jul 31, 2010 10:17 am
Subject: Re: [pfr3_group] DDS calibration

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Subject: [pfr3_group] DDS calibration

Two small problems with my PFR-3A:

Using a Fluke frequency counter, the calibration mode and the tuning switches I am able to adjust the DDS clock to 10,000,000. BUT when I click the MENU switch to save my setting it just resets back to the original reading. I have assumed that when the manual says to click the KEYER switch it really means to click the MENU switch. The operating frequency is off

by 200-300 hz and I would like to get it on frequency. Does anyone have any suggestions?

The second problem is that stored messages seem to mess up a few letters when sent faster than about 22 wpm. Suggestions?

Otherwise this little rig is absolutely incredible. I have been working stations all over the US and about a half dozen Europeans in the past week. Not the easiest kit to build because of the small part size, my eyes being 62 years old. But after I found two missed solder points everything else has been working perfectly. Any help would be appreciated.

Keith WA9S

1622. Re: [pfr3_group] DDS calibration

Yahoo group: pfr3_group
Date: 2010-07-31 16:03:15 UTC
From: Steven Weber
Topic: 1615 Message: 1622

A 34 foot wire will 1/4 wave on 40 so low impedance setting should be used.
On 20, it will be 1/2 wave so high impedance setting should be used there.

The problem with the keyer memory acting up is a firmware problem and can be fixed by letting me know you want to have it fixed. If so, we do a chip swap, where I send you a new chip and you send back the original for recycling.

Steve KD1JV

1623. Re: [pfr3_group] DDS calibration

Yahoo group: pfr3_group
Date: 2010-07-31 21:45:14 UTC
From: lahagar1@aol.com
Topic: 1615 Message: 1623

Hi Steven,

Thanks for the info on the tuner settings. Yes, at first I thought the low impedance setting must be used for this antenna since the radiating element is 1/4 wavelength long. But I forgot that this is not a grounded antenna. The 4.6m counterpoise is on the ground, but not grounded and the total length of the antenna system conductor is 10.4m+4.6m = 15m, which is 0.35wavelengths on 7MHz. The transmitter is connected at the 30% point along this conductor, and 60% projects up as the radiating part, nominally clear of nearby objects. Since this 0.35 wavelength conductor/offset fed system is not resonant, the impedance will be somewhat higher than it would be for a resonant 1/4 wave antenna connected to an earth ground (i.e. Marconi antenna) or a full 1/2 wavelength center fed antenna clear of earth influence, and that is why the "Hi-Z" setting works on 40m with this particular arrangement..

I just checked it again, putting the radio and antenna system outside on the deck, clear of the house structure, etc. The antenna this time was held up by a tree and the counterpoise laying on, but insulated from, the ground. I found that the system tunes 40m with the impedance switch in both "Hi-Z" and "Lo-Z" with complete dimming of the LED. The reason I used the "Hi-Z" setting, tuning seemed easier, but mainly the noise (and signals) seemed noticeably louder with the "Hi-Z" setting and so I think it provides a better match with this particular total conductor length (radiating element plus counterpoise) over highly conductive ground.

The antenna works well on all bands. On 30m the total conductor length of this antenna is 1/2 wavelength. again the transmitter is connected at the 30% point along the 15 meter conductor. The radiating element is 0.35 wavelength long, the counterpoise is 0.15 wavelength long . On 30m, it will also tune in both "Hi-Z" and "Lo-Z" setting, but again "Hi-Z" seems to work best. On 20m the total conductor length is 0.70 wavelength. The radiating element is 0.50 wavelength long, the counterpoise is 0.2 wavelength long. On 20m I have only been able to get a match using the "Hi-Z" setting which makes sense. You have designed a miraculous radio. It is a blast to use!

This 15m (10.4m long antenna + 4.6m long insulated counterpoise) system is easy to deploy. If one is interested in low angle radiation it is easy to get the 34 ft part nearly vertical with an easy toss of a tether which will radiate well 40/30 and 20 meters. To go too much longer on 20m would spoil the low angle radiation properties I think.

73,
Lynn
NG9D

-----Original Message-----
From: Steven Weber <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Jul 31, 2010 11:03 am
Subject: Re: [pfr3_group] DDS calibration

A 34 foot wire will 1/4 wave on 40 so low impedance setting should be used. On 20, it will be 1/2 wave so high impedance setting should be used there.

The problem with the keyer memory acting up is a firmware problem and can be fixed by letting me know you want to have it fixed. If so, we do a chip swap, where I send you a new chip and you send back the original for recycling.

Steve KD1JV

1624. Re: [pfr3_group] DDS calibration

Yahoo group: pfr3_group
Date: 2010-07-31 22:38:26 UTC
From: ckwishmeier@cs.com
Topic: 1615 Message: 1624

Steve and Lynn,

Thanks to you both for the great antenna. Possibly tomorrow I will try the shorter wire.

And Steve, I would like to replace the keyer chip. So will you send me the chip first or would you like for me to send you mine first? Either will work. Thanks.

Keith
WA9S

-----Original Message-----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Sat, Jul 31, 2010 4:45 pm
Subject: Re: [pfr3_group] DDS calibration

Hi Steven,

Thanks for the info on the tuner settings. Yes, at first I thought the low impedance setting must be used for this antenna since the radiating element is 1/4 wavelength long. But I forgot that this is not a grounded antenna. The 4.6m counterpoise is on the ground, but not grounded and the total length of the antenna system conductor is 10.4m+4.6m = 15m, which is 0.35wavelengths on 7MHz. The transmitter is connected at the 30% point along this conductor, and 60% projects up as the radiating part, nominally clear of nearby objects. Since this 0.35 wavelength conductor/offset fed system is not resonant, the impedance will be somewhat higher than it would be for a resonant 1/4 wave antenna connected to an earth ground (i.e. Marconi antenna) or a full 1/2 wavelength center fed antenna clear of earth influence, and that is why the "Hi-Z" setting works on 40m with this particular arrangement..

I just checked it again, putting the radio and antenna system outside on the deck, clear of the house structure, etc. The antenna this time was held up by a tree and the counterpoise laying on, but insulated from, the ground. I found that the system tunes 40m with the impedance switch in both "Hi-Z" and "Lo-Z" with complete dimming of the LED. The reason I used the "Hi-Z" setting, tuning seemed easier, but mainly the noise (and signals) seemed noticeably louder with the "Hi-Z" setting and so I think it provides a better match with this particular total conductor length (radiating element plus counterpoise) over highly conductive ground.

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This 15m (10.4m long antenna + 4.6m long insulated counterpoise) system is easy to deploy. If one is interested in low angle radiation it is easy to get the 34 ft part nearly vertical with an easy toss of a tether which will radiate well 40/30 and 20 meters. To go too much longer on 20m would spoil the low angle radiation properties I think.

73,
Lynn
NG9D

-----Original Message-----
From: Steven Weber <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Jul 31, 2010 11:03 am
Subject: Re: [pfr3_group] DDS calibration

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Steve KD1JV

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radiating element is 0.50 wavelength long, the counterpoise is 0.2 wavelength long. On 20m I have only been able to get a match using the "Hi-Z" setting which makes sense. You have designed a miraculous radio. It is a blast to use!

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73,
Lynn
NG9D

-----Original Message-----
From: Steven Weber <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Jul 31, 2010 11:03 am
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Steve KD1JV

1625. Hooray!

Yahoo group: pfr3_group
Date: 2010-08-01 01:43:10 UTC
From: Rich
Topic: 1625 Message: 1625

Thanks to help from a couple members of the group I finally finished my pfr-3a. 5 watts out on all bands, got the matching paddle on it tonight.
I am amazed at the receiver.
If you are thinking about buying one quit thinkin and do it.

Im so giddy with happyness. (eh ehm!)
That MANLY giddy!

73
Rich NF8V

1626. Re: [pfr3_group] Hooray!

Yahoo group: pfr3_group
Date: 2010-08-01 03:24:31 UTC
From: Bill VanKirk
Topic: 1625 Message: 1626

Rich,
I am glad to hear your PFR-3 is playing well. The more you use it, the more you are going to like it!

73
Bill
W0PT

On Sat, Jul 31, 2010 at 8:43 PM, Rich <nf8v@...> wrote:

>
>
> Thanks to help from a couple members of the group I finally finished my
> pfr-3a. 5 watts out on all bands, got the matching paddle on it tonight.
> I am amazed at the receiver.
> If you are thinking about buying one quit thinkin and do it.
>
> Im so giddy with happyness. (eh ehm!)
> That MANLY giddy!
>
> 73
> Rich NF8V
>
>
>

1627. Re: Rotary encoder for PFR-3...

Yahoo group: pfr3_group
Date: 2010-08-01 12:16:19 UTC
From: Rich
Topic: 1607 Message: 1627

I would be interested in it but I would need directions to install it into the PFR-3A specifically.
Does it fit in the case with the battery pack?
Can it work with out the led's if I just want to drill one hole?
is Dale, WC7S on this list?I would like to know a little more before I invest in it.
73, thank you in advance.
Rich NF8V.

--- In pfr3_group@yahoogroups.com, "Petr" <indians@...> wrote:
>
> Hello,
>
> I would like to share with You the link for very nice add-on kit suitable also for PFR-3.
> An article about the rotary encoder is here:
>
> http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html
>
> The encoder was designed originaly for ATS radios. As I know it was tested successfuly by Dale, WC7S with PFR-3 also.
>
> Even more electronics can be found overe here but the encoder is most
> interesting for us I guess. You can find here also some additional informations and pictures.
>
> Did anybody else tested it with PFR-3 please?
>
> 73 - Petr, OK1RP
>

1628. Re: [pfr3_group] Re: Rotary encoder for PFR-3...

Yahoo group: pfr3_group
Date: 2010-08-01 13:17:41 UTC
From: daleputnam@hotmail.com
Topic: 1607 Message: 1628

Hi Rich,
The encoder doesn't fit into the Altoids tin with the ATS radios very well, but it would do well in PFR3 box and keep the same thickness. The leds could be not shown. It seems they may be left out, I'd like to check that to be sure. I'll be back in a couple days. It mounts between the main board and the front. During the build the overall thickness must be kept in mind, use of flushcuts and laying the caps flat is very helpful.
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "Rich" <nf8v@rocketmail.com>
Sender: pfr3_group@yahoogroups.com
Date: Sun, 01 Aug 2010 12:16:19
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Rotary encoder for PFR-3...

I would be interested in it but I would need directions to install it into the PFR-3A specifically.
Does it fit in the case with the battery pack?
Can it work with out the led's if I just want to drill one hole?
is Dale, WC7S on this list?I would like to know a little more before I invest in it.
73, thank you in advance.
Rich NF8V.

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> interesting for us I guess. You can find here also some additional informations and pictures.
>
> Did anybody else tested it with PFR-3 please?
>
> 73 - Petr, OK1RP
>

1629. Re: [pfr3_group] DDS calibration

Yahoo group: pfr3_group
Date: 2010-08-02 15:30:20 UTC
From: ckwishmeier@cs.com
Topic: 1615 Message: 1629

Steve,

Looks like a chip swap will be necessary. There is actually a "pop" in the headphones when the memory jumbles a letter. It will send the message correctly one time, then mess it up the next.

Please send the replacement chip to:

ARS WA9S
Keith Wishmeier
1834 Ribourde Drive
South Bend, IN 46628

574-243-6003
574-250-6992 cell

I'll return the original chip immediately. Thanks.

Keith

-----Original Message-----
From: Steven Weber <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Jul 31, 2010 12:03 pm
Subject: Re: [pfr3_group] DDS calibration

A 34 foot wire will 1/4 wave on 40 so low impedance setting should be used.
On 20, it will be 1/2 wave so high impedance setting should be used there.

The problem with the keyer memory acting up is a firmware problem and can be
fixed by letting me know you want to have it fixed. If so, we do a chip
swap, where I send you a new chip and you send back the original for
recycling.

Steve KD1JV

1630. (no subject)

Yahoo group: pfr3_group
Date: 2010-08-08 10:21:29 UTC
From: Dale Putnam
Topic: 1630 Message: 1630

http://tehutuz.t35.com/

1631. Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-08 16:36:17 UTC
From: k9jri@att.net
Topic: 1631 Message: 1631

Sometimes when I am tuning around the band (usually 20M) the receiver will go quiet, the LED display will blank, then come back with "20" for a second and then return normal with the frequency tuned where I had been tuned.

The frequency does not return to the default frequency for the band so the power did not appear to have been interrupted. It appears as though the band was changed but the frequency does not return to default for that band.

Tapping on the cabinet does not cause the problem but either the Up or the Down button will.

It NEVER happens if I am not tuning Up or Down.

I have checked the solder connections on the right hand BAND switch as this tells the processor which band has been selected.

All of the board mounting screws appear to be tight.

It happens on both the internal battery pack and an external 12vdc. supply.

Any ideas where to look next would be appreciated.

73 - Mike - K9JRI

1632. RE: [pfr3_group] Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-08 17:16:32 UTC
From: Paul Feltz
Topic: 1631 Message: 1632

I have had it happen on all three bands (I think) on my PFR-3. Has not been a big issue.

72 Paul WA0VDM

To: pfr3_group@yahoogroups.com
From: k9jri@...
Date: Sun, 8 Aug 2010 16:36:17 +0000
Subject: [pfr3_group] Band resets periodically when tuning with the Up or Down buttons

Sometimes when I am tuning around the band (usually 20M) the receiver will go quiet, the LED display will blank, then come back with "20" for a second and then return normal with the frequency tuned where I had been tuned.

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It happens on both the internal battery pack and an external 12vdc. supply.

Any ideas where to look next would be appreciated.

73 - Mike - K9JRI

1633. Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-08 17:30:18 UTC
From: k9jri@att.net
Topic: 1631 Message: 1633

But there has to be a reason and a fix.

--- In pfr3_group@yahoogroups.com, Paul Feltz <paulfeltz@...> wrote:
>
>
> I have had it happen on all three bands (I think) on my PFR-3. Has not been a big issue.
>
> 72 Paul WA0VDM
>
>

1634. Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-08 19:17:33 UTC
From: Steven Weber
Topic: 1631 Message: 1634

Yes there is a fix. The problem should be with only orignal PFR-3's not the A version.

1. Make sure the 5V "cut and jump" mod has been done. The 5V from pin 7 of the MEGA48 (U6) should go to pin 20, not pin 21 as wired on the board.

2. Get your firmware updated. This will fix the random band changing and the message memory sending glitch.

Steve KD1JV

1635. Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-08 19:28:56 UTC
From: k9jri@att.net
Topic: 1631 Message: 1635

Steve, thanks for the reply. Mine is a PFR-3A and is 2-3 months old. No other problems with its operation.

Another group member (WB6TNL) provided me with the target voltages at the bottom of R52. I have not opened the box to check those yet but I will soon. This was the data from his email to me:

"If yours is the 'a' model, first try re-seating the microprocessor in its socket. Then re-check the solder connections on the processor socket.

On either model, check the voltage at R52 (the end that doesn't have 5 Volts on it). This changes with the bandswitch selection. It must be as follows:

40: 2.5V
30: 1.5V
20: .20V (.22 in PFR3A)

If it is off then look for a resistor problem (R30, 31, 32) or bad solder connection in that area (Resistors, bandswitch).

If none of these things solve the problem then email Steve with the problem (he may respond to your posting anyway)."

Do you have any additional things that I should check while I am in the box Steve?

Very 73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> Yes there is a fix. The problem should be with only orignal PFR-3's not the
> A version.
>
> 1. Make sure the 5V "cut and jump" mod has been done. The 5V from pin 7 of
> the MEGA48 (U6) should go to pin 20, not pin 21 as wired on the board.
>
> 2. Get your firmware updated. This will fix the random band changing and the
> message memory sending glitch.
>
> Steve KD1JV
>

1636. IOTA NA-111

Yahoo group: pfr3_group
Date: 2010-08-09 14:20:02 UTC
From: bob_nelson_k2qpn
Topic: 1636 Message: 1636

I will vacationing on NA-111 this week. I am taking my PFR3 and a vertical. I'll be hanging around the qrp frequencies when time permits.
Give a listen.

73, Bob K2QPN

1637. Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-09 14:16:39 UTC
From: bob_nelson_k2qpn
Topic: 1631 Message: 1637

I have an early original PFR3. Love it. I too have noticed the band reset problem. It seems to be happening more frequently. I had the microcode updated and, as I recall, did the cut and jump mod.

All the files referencing the PFR3 are missing from the group website. I would like the check the mod.

73, Bob K2QPN
--- In pfr3_group@yahoogroups.com, "k9jri@..." <k9jri@...> wrote:
>
> Sometimes when I am tuning around the band (usually 20M) the receiver will go quiet, the LED display will blank, then come back with "20" for a second and then return normal with the frequency tuned where I had been tuned.
>
> The frequency does not return to the default frequency for the band so the power did not appear to have been interrupted. It appears as though the band was changed but the frequency does not return to default for that band.
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> Tapping on the cabinet does not cause the problem but either the Up or the Down button will.
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> It NEVER happens if I am not tuning Up or Down.
>
> I have checked the solder connections on the right hand BAND switch as this tells the processor which band has been selected.
>
> All of the board mounting screws appear to be tight.
>
> It happens on both the internal battery pack and an external 12vdc. supply.
>
> Any ideas where to look next would be appreciated.
>
> 73 - Mike - K9JRI
>

1638. Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-09 14:28:56 UTC
From: bob_nelson_k2qpn
Topic: 1631 Message: 1638

I have an early original PFR3. Love it. I have the reset problem and it seem to be getting worse with age (mine and the rig).I had the microcode updated. I believe that I did the cut and jump mod. I would like to check the mod but all the files for the original PFR3 have been removed from the group website. Need info on the mod.

73, Bob K2QPN

1639. Re:Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-09 20:48:58 UTC
From: Bill Trettin
Topic: 1631 Message: 1639

This was happening to me ever since I finished my PFR-3 and it was driving me crazy. My symptoms were close to yours but the PFR-3 would actually go to another band for a second or two. I'm not sure if I've fixed it or not but I haven't had it change bands on me since I found the problem although I haven't given it a good workout since then.

There's a capacitor in parallel with the three resistors which control the voltage drop on pin 24 of the microchip. In the instructions it's listed as C76, .01 ufd. On the schematic, it's shown as C62, .1 mfd (there's also another C62 in the LPF) and is right next to R30, R31 and R32. I checked C76 with an ohmmeter and it was open. I resoldered the connections and I haven't it had it change bands since.

Hope this helps.

Bill, HL9TY/KF8GE

>Sometimes when I am tuning around the band (usually 20M) the receiver will go quiet, the LED display will blank, then come back with "20" for a second and then return normal with the frequency tuned where I had been tuned.

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>All of the board mounting screws appear to be tight.

>It happens on both the internal battery pack and an external 12vdc. supply.

>Any ideas where to look next would be appreciated.

73 - Mike - K9JRI

1640. PFR-3A to be born

Yahoo group: pfr3_group
Date: 2010-08-10 12:12:35 UTC
From: Carey Magee (K2RNY)
Topic: 1640 Message: 1640

Hello Everyone.

Just wanted to pass along a thank you to Doug, Steve and everyone here on the group. After about a year of delving into QRP and research on the type of rig that would suit my particluar style of QRP operating (patio-style in the summer, mostly) I ordered my PFR-3A on July 27 and received it yesterday. Great turnaround. I have been collecting all the building tips, troubleshooting tips and operations tips from this reflector. Cannot wait to get started.

Looking forward to the build, and better yet, to the operating.

vy 72,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

1641. Re: [pfr3_group] PFR-3A to be born

Yahoo group: pfr3_group
Date: 2010-08-10 13:31:55 UTC
From: daleputnam@hotmail.com
Topic: 1640 Message: 1641

GREAT!! Good luck with it
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "Carey Magee (K2RNY)" <k2rny@frontiernet.net>
Sender: pfr3_group@yahoogroups.com
Date: Tue, 10 Aug 2010 12:12:35
To: pfr3 group<pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3A to be born

Hello Everyone.

Just wanted to pass along a thank you to Doug, Steve and everyone here on the group. After about a year of delving into QRP and research on the type of rig that would suit my particluar style of QRP operating (patio-style in the summer, mostly) I ordered my PFR-3A on July 27 and received it yesterday. Great turnaround. I have been collecting all the building tips, troubleshooting tips and operations tips from this reflector. Cannot wait to get started.

Looking forward to the build, and better yet, to the operating.

vy 72,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

1642. Re: [pfr3_group] PFR-3A to be born

Yahoo group: pfr3_group
Date: 2010-08-10 14:38:45 UTC
From: ckwishmeier@cs.com
Topic: 1640 Message: 1642

Carey,

You will fall in love with the PFR-3A. However, get good magnifying lenses. Reading those part numbers is a bitch! Check out NG9D Lynn's Youtube presentations. They are much help and good CW practice. And my kudos to Steve.

Keith
WA9S

-----Original Message-----
From: Carey Magee (K2RNY) <k2rny@...>
To: pfr3 group <pfr3_group@yahoogroups.com>
Sent: Tue, Aug 10, 2010 8:12 am
Subject: [pfr3_group] PFR-3A to be born

Hello Everyone.

Just wanted to pass along a thank you to Doug, Steve and everyone here on the group. After about a year of delving into QRP and research on the type of rig that would suit my particluar style of QRP operating (patio-style in the summer, mostly) I ordered my PFR-3A on July 27 and received it yesterday. Great turnaround. I have been collecting all the building tips, troubleshooting tips and operations tips from this reflector. Cannot wait to get started.

Looking forward to the build, and better yet, to the operating.

vy 72,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

1643. Re: [pfr3_group] PFR-3A to be born

Yahoo group: pfr3_group
Date: 2010-08-10 15:00:07 UTC
From: Bill VanKirk
Topic: 1640 Message: 1643

Carey,
Good luck with the build. You will love the PRF-3. I finished up my kit about 4 months ago and have really had a great time using it. Look forward to hearing you on the air soon.

73
Bill

On Tue, Aug 10, 2010 at 7:12 AM, Carey Magee (K2RNY) <k2rny@...>wrote:

>
>
> Hello Everyone.
>
> Just wanted to pass along a thank you to Doug, Steve and everyone here on
> the group. After about a year of delving into QRP and research on the type
> of rig that would suit my particluar style of QRP operating (patio-style in
> the summer, mostly) I ordered my PFR-3A on July 27 and received it
> yesterday. Great turnaround. I have been collecting all the building
> tips, troubleshooting tips and operations tips from this reflector. Cannot
> wait to get started.
>
> Looking forward to the build, and better yet, to the operating.
>
> vy 72,
> Carey
>
> Mr. Carey Magee, K2RNY
> Rochester, NY
> ==================================
>
>
>

1644. Re: PFR-3A to be born

Yahoo group: pfr3_group
Date: 2010-08-11 14:28:46 UTC
From: Petr Ourednik
Topic: 1640 Message: 1644

Carey,

I am keeping fingers crossed and wish You good luck !
I am ready to try QSO with Your PFR when ready.

73 - Petr, OK1RP

1645. Re: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-12 00:54:18 UTC
From: Bert Thompson
Topic: 1631 Message: 1645

Steve, and All,

I built my PFR-3 around the 2008 time frame and it has been in use everyday since. There can be a problem with "crud" getting into the "up" and "down" switches and others especially if you have grand kids around HI. I use a small brush and some 92% isopropyl alcohol and clean the switches every few months and that helps alot. I also use the "xyl's" hair dryer to dry the area and blow out any "crud". I would like to update the "firmware" ,however, I use the rig everyday and would miss the down time.

Bert M. Thompson KB3MHB/0 Hope this info helps. baby sitting the grand kids here in Denver 73

--- On Sun, 8/8/10, k9jri@... <k9jri@...> wrote:

From: k9jri@... <k9jri@...>
Subject: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons
To: pfr3_group@yahoogroups.com
Date: Sunday, August 8, 2010, 7:28 PM

Steve, thanks for the reply. Mine is a PFR-3A and is 2-3 months old. No other problems with its operation.

Another group member (WB6TNL) provided me with the target voltages at the bottom of R52. I have not opened the box to check those yet but I will soon. This was the data from his email to me:

"If yours is the 'a' model, first try re-seating the microprocessor in its socket. Then re-check the solder connections on the processor socket.

On either model, check the voltage at R52 (the end that doesn't have 5 Volts on it). This changes with the bandswitch selection. It must be as follows:

40: 2.5V
30: 1.5V
20: .20V (.22 in PFR3A)

If it is off then look for a resistor problem (R30, 31, 32) or bad solder connection in that area (Resistors, bandswitch).

If none of these things solve the problem then email Steve with the problem (he may respond to your posting anyway)."

Do you have any additional things that I should check while I am in the box Steve?

Very 73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> Yes there is a fix. The problem should be with only orignal PFR-3's not the
> A version.
>
> 1. Make sure the 5V "cut and jump" mod has been done. The 5V from pin 7 of
> the MEGA48 (U6) should go to pin 20, not pin 21 as wired on the board.
>
> 2. Get your firmware updated. This will fix the random band changing and the
> message memory sending glitch.
>
> Steve KD1JV
>

1646. Re: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-12 01:03:01 UTC
From: sigcom@juno.com
Topic: 1631 Message: 1646

Bert,

You won't have any down time (other than the time it takes to open and close your rig to swap chips); Steve Weber does the upgrade on an exchange basis. He will send you the updated chip on request and he trusts you to send him yours -after- you swap them.

73.......Steve Smith WB6TNL
"Snort Rosin"

1647. RE: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-12 08:48:26 UTC
From: Keith Williams
Topic: 1631 Message: 1647

Hi All,

I too have a problem with my original PFR3 with band resetting, but the biggest issue I have is I cannot send CW properly in A or B mode Iambic, the keyer randomly changes my dit paddle to a dah and vice versa, it makes it impossible to send anything. Is there anything I can do in the menu to resolve this? I get 5 watts on all bands and everything else seems to be ok.......I really want to use this rig in the field!

Cheers

Keith GW4OKT

To: pfr3_group@yahoogroups.com
From: bertthompson@...
Date: Wed, 11 Aug 2010 17:54:18 -0700
Subject: Re: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons

Steve, and All,

I built my PFR-3 around the 2008 time frame and it has been in use everyday since. There can be a problem with "crud" getting into the "up" and "down" switches and others especially if you have grand kids around HI. I use a small brush and some 92% isopropyl alcohol and clean the switches every few months and that helps alot. I also use the "xyl's" hair dryer to dry the area and blow out any "crud". I would like to update the "firmware" ,however, I use the rig everyday and would miss the down time.

Bert M. Thompson KB3MHB/0 Hope this info helps. baby sitting the grand kids here in Denver 73

--- On Sun, 8/8/10, k9jri@... <k9jri@...> wrote:

From: k9jri@... <k9jri@...>
Subject: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons
To: pfr3_group@yahoogroups.com
Date: Sunday, August 8, 2010, 7:28 PM

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>
> 1. Make sure the 5V "cut and jump" mod has been done. The 5V from pin 7 of
> the MEGA48 (U6) should go to pin 20, not pin 21 as wired on the board.
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> message memory sending glitch.
>
> Steve KD1JV
>

1648. Re: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-12 14:17:48 UTC
From: ckwishmeier@cs.com
Topic: 1631 Message: 1648

Keith,

My guess is that you will need to get the firmware updated by Steve Webber. Just ask him. He will send you the updated chip. Then you send back the defective one. That is U7 on my PFR-3A. The exchange took care of my keyer problems on my 3A.

Ken (name really is Keith!)

-----Original Message-----
From: Keith Williams <g4okt@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, Aug 12, 2010 4:48 am
Subject: RE: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons

Hi All,
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To: pfr3_group@yahoogroups.com
From: bertthompson@...
Date: Wed, 11 Aug 2010 17:54:18 -0700
Subject: Re: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons

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From: k9jri@... <k9jri@...>
Subject: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons
To: pfr3_group@yahoogroups.com
Date: Sunday, August 8, 2010, 7:28 PM

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>
> 2. Get your firmware updated. This will fix the random band changing and the
> message memory sending glitch.
>
> Steve KD1JV
>

1649. RE: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-12 20:05:32 UTC
From: Keith Williams
Topic: 1631 Message: 1649

Thanks 'Keith'!

I'll just check the cut n jump mod and then contact Steve regarding the chip.....really looking forward to getting this on the air.

Cheers

Keith

To: pfr3_group@yahoogroups.com
From: ckwishmeier@cs.com
Date: Thu, 12 Aug 2010 10:17:48 -0400
Subject: Re: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons

Keith,

My guess is that you will need to get the firmware updated by Steve Webber. Just ask him. He will send you the updated chip. Then you send back the defective one. That is U7 on my PFR-3A. The exchange took care of my keyer problems on my 3A.

Ken (name really is Keith!)

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To: pfr3_group@yahoogroups.com
Sent: Thu, Aug 12, 2010 4:48 am
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To: pfr3_group@yahoogroups.com
From: bertthompson@...
Date: Wed, 11 Aug 2010 17:54:18 -0700
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--- On Sun, 8/8/10, k9jri@... <k9jri@...> wrote:

From: k9jri@att.net <k9jri@...>
Subject: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons
To: pfr3_group@yahoogroups.com
Date: Sunday, August 8, 2010, 7:28 PM

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>
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> the MEGA48 (U6) should go to pin 20, not pin 21 as wired on the board.
>
> 2. Get your firmware updated. This will fix the random band changing and the

> message memory sending glitch.
>
> Steve KD1JV
>

1650. Norcal doublet

Yahoo group: pfr3_group
Date: 2010-08-13 01:08:15 UTC
From: bob_nelson_k2qpn
Topic: 1650 Message: 1650

Anybody have a source for the four conductor ribbon cable needed to make a Norcal doublet?

73, Bob K2QPN

1651. Re: [pfr3_group] Norcal doublet

Yahoo group: pfr3_group
Date: 2010-08-13 01:47:53 UTC
From: Irv [K3IRV] McWherter
Topic: 1650 Message: 1651

I would like to get some too. I have looked online and at hamfests and cannot find it anywhere.

73, irv - K3IRV

On Thu, Aug 12, 2010 at 9:08 PM, bob_nelson_k2qpn <K2QPN@...> wrote:

>
>
> Anybody have a source for the four conductor ribbon cable needed to make a
> Norcal doublet?
>
> 73, Bob K2QPN
>
>
>

1652. Norcal doublet

Yahoo group: pfr3_group
Date: 2010-08-13 07:08:38 UTC
From: Jacques
Topic: 1650 Message: 1652

Speaker wire works fine too.

73 de Jake, ON4YZ

1653. Re: [pfr3_group] Norcal doublet

Yahoo group: pfr3_group
Date: 2010-08-13 09:14:28 UTC
From: David Wilcox
Topic: 1650 Message: 1653

Digi-Key 8 conductor ribbon cable is available from $6.00 to $13.00 (or more) in 100 feet spools. That is where I bought mine a few years ago. I just looked and there is a whole page of them to choose from. Just go to Digi-Key and put in 8 conductor ribbon wire or cable in the search box.

K8WPE Dave

--- On Thu, 8/12/10, Irv [K3IRV] McWherter <irv47mc@...> wrote:

From: Irv [K3IRV] McWherter <irv47mc@gmail.com>
Subject: Re: [pfr3_group] Norcal doublet
To: pfr3_group@yahoogroups.com
Date: Thursday, August 12, 2010, 9:47 PM

I would like to get some too. I have looked online and at hamfests and cannot find it anywhere.

73, irv - K3IRV

On Thu, Aug 12, 2010 at 9:08 PM, bob_nelson_k2qpn <K2QPN@...> wrote:

Anybody have a source for the four conductor ribbon cable needed to make a Norcal doublet?

73, Bob K2QPN

1654. Re: [pfr3_group] Norcal doublet

Yahoo group: pfr3_group
Date: 2010-08-13 13:30:32 UTC
From: Bert Thompson
Topic: 1650 Message: 1654

Bob,

An other source ,but not ribbon cable, is the local hardware store. I used standard lamp cord and stripped it down to the correct length and stretched the ends out about 44 feet. At the center I attached a "tie wrap" to hang it. Then at the unstripped end I attached a "MFJ" 4 to 1 balun. Then attached about 25 feet of coax to my T1 tuner which is connected to my PFR-3. works great on 20, 30 and 40 meters.

Bert M. Thompson KB3MHB/0 73

--- On Fri, 8/13/10, bob_nelson_k2qpn <K2QPN@...> wrote:

From: bob_nelson_k2qpn <K2QPN@...>
Subject: [pfr3_group] Norcal doublet
To: pfr3_group@yahoogroups.com
Date: Friday, August 13, 2010, 1:08 AM

Anybody have a source for the four conductor ribbon cable needed to make a Norcal doublet?

73, Bob K2QPN

1655. Re: [pfr3_group] Norcal doublet

Yahoo group: pfr3_group
Date: 2010-08-14 03:49:57 UTC
From: Larry Makoski
Topic: 1650 Message: 1655

Jacques wrote:
>
>
> Speaker wire works fine too.
>
> 73 de Jake, ON4YZ
>
>
>
>

Agree with Jake! Speaker wire works just fine. Used mine with my PFR3A while I was on vacation in Lake George, NY. Set it up as an inverted Vee and it worked well.

The built in tuner of the PFR3A had no trouble.

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

1656. Re: [pfr3_group] Norcal doublet

Yahoo group: pfr3_group
Date: 2010-08-18 12:51:28 UTC
From: lahagar1@aol.com
Topic: 1650 Message: 1656

Hi Guys,

I made a doublet antenna, and parallel feed line, that works on all 3 band with the PFR-3. Material: two 75 ft long pc of 20 ga insulated wire. I used wire sold for underground dog fence. It comes in 500 ft spools, is flexible and tough HDPE UV resistant insulation. Only other material needed is a support tube and PVC electrical tape. No mechanical or soldered connections. Length not critical -- adjust doublet length to fit your portable QTH. I taped together 50 ft of TX line. The remaining wire makes a 50 ft (15m) long doublet.

No intentional air gap and no spacers for the feeder. Very adaptable, light and simple. PFR-3A loads easily with its BLT. Details and demonstration at:

http://www.youtube.com/user/NG9D and

http://ng9d.blogspot.com/2010/08/i-did-manage-to-build-antenna-later.html

73,
NG9D

-----Original Message-----
From: Larry Makoski <w2lj@verizon.net>
To: pfr3_group@yahoogroups.com
Sent: Fri, Aug 13, 2010 10:49 pm
Subject: Re: [pfr3_group] Norcal doublet

Jacques wrote:
>
>
> Speaker wire works fine too.
>
> 73 de Jake, ON4YZ
>
>
>
>

Agree with Jake! Speaker wire works just fine. Used mine with my
PFR3A while I was on vacation in Lake George, NY. Set it up as an
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The built in tuner of the PFR3A had no trouble.

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

1657. Question on Toroid winding

Yahoo group: pfr3_group
Date: 2010-08-23 14:50:06 UTC
From: Carey Magee (K2RNY)
Topic: 1657 Message: 1657

Hi All:

So far fo good on my PFR-3A build. All group tests pass with flying colors. What a thrill to work for a couple of evenings on the receiver section including winding my first ever toroid and then hooking everything up for the smoke test, turning the rig on and hearing a QSO in progress. Right off the bat.

My question is I noticed that I have been winding all my toroids CCW. Now that I am in the low-pass filter section, should I keep them all CCW or should I change to the more conventional CW for the 6 remaining in this section as well as the last real large one in the BLT section?

Thanks for your help.

Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

Mr. Carey Magee, K2RNY
Rochester, NY
==========

1658. Re: [pfr3_group] Question on Toroid winding

Yahoo group: pfr3_group
Date: 2010-08-23 16:34:53 UTC
From: daleputnam@hotmail.com
Topic: 1657 Message: 1658

I would look close at the manual, as to how the toroid will fit into the final setting. Having success so far would tend to make me not want to change. The tune toroid does require a bit of planning tho. Good luck
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "Carey Magee (K2RNY)" <k2rny@frontiernet.net>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 23 Aug 2010 14:50:06
To: pfr3 group<pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Question on Toroid winding

Hi All:

So far fo good on my PFR-3A build. All group tests pass with flying colors. What a thrill to work for a couple of evenings on the receiver section including winding my first ever toroid and then hooking everything up for the smoke test, turning the rig on and hearing a QSO in progress. Right off the bat.

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Thanks for your help.

Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

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Rochester, NY
==========

1661. Frequency difference between rx and tx

Yahoo group: pfr3_group
Date: 2010-08-23 20:31:26 UTC
From: wa9s_ckwishmeier
Topic: 1661 Message: 1661

Steve Webber or or other fine PFR-3 owner,

Does the BFO adjustment change or set a frequency difference between rx and tx? I seem to have a 200 hz difference. If not the BFO adjustment is there a way to get the rx and tx on the same frequency? Thanks.

Keith WA9S

1662. MFJ-1910

Yahoo group: pfr3_group
Date: 2010-08-23 21:27:58 UTC
From: k9jri@att.net
Topic: 1662 Message: 1662

Has anyone used the MFJ-1910 33' fiberglass mast?

If so what are your thoughts?

73 - Mike - K9JRI

1663. Re: [pfr3_group] MFJ-1910

Yahoo group: pfr3_group
Date: 2010-08-24 11:32:36 UTC
From: Dwain Lawhon
Topic: 1662 Message: 1663

Mike:

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I use emprovised ground stakes that I can easily push into the ground and that the poles will snuggly slip over to support the poles at the bottom. The stakes are something I made up in the work shop using pieces of wooden poles that you hang clothes on in the closet (about 1-3/4" OD). In the case of the MFJ pole I screw PVC end caps, as sleeves, on both ends of a 14" long wooden piece to fit the ID of the the MFJ mast at the bottom. (I have a lathe that I use to turn down 10" long wooden pieces to fit the smaller Crappie poles) I use very long nails (with heads cut off) driven into a predrilled hole in the bottom of the wooden pieces to make the ground stake for the 20' poles. The end of the nail is then sharpened to make it easy to push into the ground. For the MFJ , you need something a bit longer to push into the ground for support, so I use a long piece of 3/8" steel rod (about 14" going into the ground) instead of the shorter nails (which only go about 8" to 10" into the ground). The wood/PVC sleeve goes about 14" into the bottom of the MFJ pole.

I find these stake supports to be adequate in normal soil without using guys. They might not be sufficient for sand or very wet, loose soil where guys may be required. Anyway, this setup makes for a quick self-supporting antenna that's easy to erect.

You can use the masts to support various types of antennas. I have used them to put up inverted L's, inverted V's, end feds, regular dipoles, EDZs (used with a good antenna tuner for all bands), verticals, etc. I also found a small inexpensive plastic gun case at Bass Pro that will just accept the collapsed MFJ mast and I can get the 20' poles , ground stakes, spools of #26 wire, etc. in it for storage and transport. Not handy for back packing, but great for trunking and storage.

Sorry for the long winded explanation, but I do love working with the antennas.

73

Dwain KØLOA

From: "k9jri@..." <k9jri@...>

To: pfr3_group@yahoogroups.com
Sent: Mon, August 23, 2010 4:27:58 PM
Subject: [pfr3_group] MFJ-1910

Has anyone used the MFJ-1910 33' fiberglass mast?

If so what are your thoughts?

73 - Mike - K9JRI

1664. Re: MFJ-1910

Yahoo group: pfr3_group
Date: 2010-08-24 15:27:32 UTC
From: k9jri@att.net
Topic: 1662 Message: 1664

Dwain,

Thanks for the long reply. That is exactly the type of feedback I was looking for.

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1665. Re: [pfr3_group] Re: MFJ-1910

Yahoo group: pfr3_group
Date: 2010-08-24 20:00:15 UTC
From: Dwain Lawhon
Topic: 1662 Message: 1665

Mike:

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The reason I like the EDZ is you get gain as you go up in frequency. The 88' EDZ exhibits between 2-dB and 3-dB of gain at 20-m and just gets better as you go up in frequency. It also performs well on 40-m and 80-m although longer elements would help as you go down in frequency.

The nice thing about this antenna/tuner combo is that you don't have to have lots of different antennas in the air to work the different bands. Also, look at the radiation pattern. With two EDZs at right angles, and oriented properly, you can take advantage of the focused pattern and get very good coverage in the directions you want.

Friends of mine, George Baker (sk) W5YR and Bill Pierrard K5JHP, both use(d) two EDZs to contest (even though both had beams on towers). They also used separate antenna tuners on each of the feedlines running into the shacks. That way they could quickly switch from one to the other to select the one with the best signals during the heat of battle. Bill still ranks high in the Fox Hunt tests as did George when he was alive. Unfortunately I do not have the real-estate in Texas to allow me to put up two EDZs at right angles and I have

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Mike, I hope all this helps you develop you antenna farm.

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Sent: Tue, August 24, 2010 10:27:32 AM
Subject: [pfr3_group] Re: MFJ-1910

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1666. Re: MFJ-1910

Yahoo group: pfr3_group
Date: 2010-08-24 20:59:50 UTC
From: k9jri@att.net
Topic: 1662 Message: 1666

Dwain,

Again you provide more good stuff. Thanks for the comments on the 450 ladder line and I too would prefer that to the twisted pair that Hendricks described.

I think I was too brief with my antenna topic and left the wrong impression. I only intend to have a single antenna up at any one time. I must admit that I had not considered the EDZ but that is on my list now as well. The EFHW antennas are currently my favorite regarding space vs efficiency and I do have several tuners that would allow me to deploy the EFHW with coax feed into the shack.

I currently have the Elecraft T1, SGC-239, Hendricks BLT and MFJ-902. The BLT and 902 are manual but both have water tight outdoors enclosures (Tupperware).

Since I do want the ability to raise and lower the mast repeatably I may be better served with the 33' or the 43' MFJ heavy duty fiberglass masts with quick clamps.

I need to fall back and consider the horizontal EDZ versus the individual vertical EFHW antennas.

What would your thoughts be regarding the EDZ with its center at the top of the pole and the feedline (maybe 300 ohm) fed down the inside of the pole to an autotuner at the base of the pole. Coax from there to the shack.... about 50 feet away. One end of the ED would be easily lost in the trees but I am not sure how to hide the other end yet.

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1667. PFR-3 and PSK?

Yahoo group: pfr3_group
Date: 2010-08-25 03:35:00 UTC
From: ribu947
Topic: 1667 Message: 1667

I am brand new to this and am about to purchase my first transceiver... the pfr-3. I assume that the PFR-3 can work with PocketDigi and perform PSK comms. Am I correct? Anyone with experience? I understand that the ATS-3 can do this and I thought the PFR-3 was based on the same platform. Thanks for any help. I look forward to talking with you folks!

1668. re: MFJ 1910

Yahoo group: pfr3_group
Date: 2010-08-25 15:02:04 UTC
From: w5hns1
Topic: 1668 Message: 1668

I have one of these and it has served me very well. Most of the time i have used it to support a 40m dipole hung as an inverted vee. I taped the joints and taped the coax to the pole. The wires of the inverted vee then act as guys. The center insulator would be taped to the pole about
18 inches down from the top.

Also used the pole to support a vertical ground plane. My getting the base of the pole extended a couple of feet, it will take a full 1/4 wave 40 meter vertical. For 30 m the base is off the ground several feet allowing for four elevated radials.

A piece of 2 inch diameter PVC will slide over the pole and will protect the base section and any clamping is not harmful. I use a fence stake with two blocks of wood bolted to it and a U-clamp thru the wood blocks and around the PVC protecting the base section.

Drive the stake in the ground etc etc and my inverted vee is in place in less than five minutes.

With the PFR3, a 34 foot wire with a 15 ft countepoise should cover all three bands.

My MFJ pole is at least five years old and it has been deployed well over 100 times as I enjoy field ops.

Hope this helps

Henry W5HNS

1669. Re: [pfr3_group] re: MFJ 1910

Yahoo group: pfr3_group
Date: 2010-08-25 15:20:12 UTC
From: Irv [K3IRV] McWherter
Topic: 1668 Message: 1669

Please read the e-ham reviews:

http://www.eham.net/reviews/detail/4165

73, Irv - K3IRV

On Wed, Aug 25, 2010 at 11:02 AM, w5hns1 <w5hns@...t> wrote:

>
>
> I have one of these and it has served me very well. Most of the time i have
> used it to support a 40m dipole hung as an inverted vee. I taped the joints
> and taped the coax to the pole. The wires of the inverted vee then act as
> guys. The center insulator would be taped to the pole about
> 18 inches down from the top.
>
> Also used the pole to support a vertical ground plane. My getting the base
> of the pole extended a couple of feet, it will take a full 1/4 wave 40 meter
> vertical. For 30 m the base is off the ground several feet allowing for four
> elevated radials.
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> the base section and any clamping is not harmful. I use a fence stake with
> two blocks of wood bolted to it and a U-clamp thru the wood blocks and
> around the PVC protecting the base section.
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> Drive the stake in the ground etc etc and my inverted vee is in place in
> less than five minutes.
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> With the PFR3, a 34 foot wire with a 15 ft countepoise should cover all
> three bands.
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> My MFJ pole is at least five years old and it has been deployed well over
> 100 times as I enjoy field ops.
>
> Hope this helps
>
> Henry W5HNS
>
>
>

1670. Re: [pfr3_group] re: MFJ 1910

Yahoo group: pfr3_group
Date: 2010-08-25 15:41:47 UTC
From: Rich Ullery
Topic: 1668 Message: 1670

I am interested to see what MFJ comes out with.
Reverese enginering bwtween the K1, the one on ebay (black) and the PFR-3A.
73
Rich

From: Irv [K3IRV] McWherter <irv47mc@...>
To: pfr3_group@yahoogroups.com
Sent: Wed, August 25, 2010 11:20:12 AM
Subject: Re: [pfr3_group] re: MFJ 1910

Please read the e-ham reviews:

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73, Irv - K3IRV

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>it to support a 40m dipole hung as an inverted vee. I taped the joints and taped
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>the pole extended a couple of feet, it will take a full 1/4 wave 40 meter
>vertical. For 30 m the base is off the ground several feet allowing for four
>elevated radials.
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>base section and any clamping is not harmful. I use a fence stake with two
>blocks of wood bolted to it and a U-clamp thru the wood blocks and around the
>PVC protecting the base section.
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>than five minutes.
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>bands.
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>times as I enjoy field ops.
>

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>Hope this helps
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>Henry W5HNS
>
>

1671. Re: [pfr3_group] Re: MFJ-1910

Yahoo group: pfr3_group
Date: 2010-08-25 17:26:38 UTC
From: Dwain Lawhon
Topic: 1662 Message: 1671

Mike:

I have no problem with the basic concept, except for the problem of getting the mast to collapse with the feedline inside it. The 1" ladder line can get kinda stiff when confined. Also, the MFJ 33' collapseable mast that I use gets relatively small near the top. It's really just an extra long version of the Crappie fishing poles that you see discussed so much. The top section has an eyelet just like you would expect on a fishing pole and is small and flexible being less than 1/4" where it enters the section below it. The 1" feedline wouldn't fit inside it. For field work, I like the Crappie Pole design and have had no problems with it. I'm not sure what the problems were that caused so many poor reviews to be written up on it.

If you want to go stealthy with the antenna, the flag pole idea that is kicked around and used by some might be worth your consideration. The larger MFJ mast would have a larger I.D., possibly making it easier to accomodate the ladder line and, since you might want to leave the antenna up most of the time, would be more robust. I would not be too concerned about metal clamps or sleeves as long as there's not a lot of movement going on between the feedline and the metal parts. I have ladder line that is near my furnace and ductwork in my basement and have had no problem with tuning and feeding it. Of course, it is stationary hence, once tuned, doesn't change. I have also run ladder line thru metal window casement without problems as well.

The tuners you own are excellent units and will serve you well. Placing the SGC at the base of the mast would work nicely. I don't know what your layout looks like, but if you could use the ladder line from the antenna all the way to the outside wall of the house/shack, there would be less loss than incurred with coax. Unfortunately, the ladder line would be highly visible hanging out, so-to-speak, and awkward to support if the span is great. Also, not very stealthy.

Have you considered using a "bead type balun" at the point where you transition from ladder line to coax? Then you could use the tuner in your shack to match the Z at the input to the coax to the transmitter output Z. This would eliminate having the tuner at the base of the antenna along with a lot of control wiring. I have not used this technique at my locations since I have the ladder line run all the way to my operating position, but I have seen it done successfully by others.

Enough of my rambling. Hope some of this helps.

72

Dwain KØLOA

From: "k9jri@..." <k9jri@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, August 24, 2010 3:59:50 PM
Subject: [pfr3_group] Re: MFJ-1910

Dwain,

Again you provide more good stuff. Thanks for the comments on the 450 ladder line and I too would prefer that to the twisted pair that Hendricks described.

I think I was too brief with my antenna topic and left the wrong impression. I only intend to have a single antenna up at any one time. I must admit that I had not considered the EDZ but that is on my list now as well. The EFHW antennas are currently my favorite regarding space vs efficiency and I do have several tuners that would allow me to deploy the EFHW with coax feed into the shack.

I currently have the Elecraft T1, SGC-239, Hendricks BLT and MFJ-902. The BLT and 902 are manual but both have water tight outdoors enclosures (Tupperware).

Since I do want the ability to raise and lower the mast repeatably I may be better served with the 33' or the 43' MFJ heavy duty fiberglass masts with quick clamps.

I need to fall back and consider the horizontal EDZ versus the individual vertical EFHW antennas.

What would your thoughts be regarding the EDZ with its center at the top of the pole and the feedline (maybe 300 ohm) fed down the inside of the pole to an autotuner at the base of the pole. Coax from there to the shack.... about 50 feet away. One end of the ED would be easily lost in the trees but I am not sure how to hide the other end yet.

Very 73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, Dwain Lawhon <ddlawhon@...> wrote:
>
> Mike:
>
> I have tried the twisted wire feed line and the ribbon cable feedline (aka Doug
>
> Hendricks antenna).Â Although they do work and can serve to lighten your pack

> load when in the field (I still have both in my aresnal of antennas), I have
> found that the 1" 450-ohm commercial ladder line is my first choice, if
> circumstance allows.
>
> Sound like you are planning on putting up a lot of wire antennas when the BLT
> tuner in the PFR-3AÂ will let you load a non-resonant dipole on all of the
> bands.Â I home build a Z-Match from notes off the internet and find that there
>
> is almost nothing that it won't load.Â Also, I found that the antenna tuners
> that Elecraft puts in their rigs work great.Â I would strongly recommend you
> invest in a good tuner to use with the rigs that don't have a built-in

> tuner.Â TheÂ small LDG tuner is also a nicely designed unit that seems to work

> well.Â
>
> I have the 88' EDZ that I mentioned earlierÂ in my attic here in Missouri and
> between the top of my 55' tower down to a tree at my home in Texas.Â They both
>
> use 1" 450-ohm feedline and I can load both of them on all bands with a good
> tuner.Â I have the K1, K2, K3, PFR-3, KX1, and quite a number of other QRP
> radios.Â I can use all of them on the EDZs.Â With the K3, I can load the
> EDZsÂ from 80-m through 6-meters.Â I use the Elecraft 1:1/4:1 Balun at the
>radio
>
> output to gain a little leverage and then I can even load the one in Texas on
> 160-m.Â For some reason I cannot get the one in Missouri to load on 160-m.Â I
>
> haven't spent a lot of time trying to figure out why as it is relatively low to
>
> the ground and really too short to be a good 160-m antenna.
>
> The reason I like the EDZ is you get gain as you go up in frequency.Â The 88'

> EDZ exhibitsÂ between 2-dB andÂ 3-dB of gain at 20-m and just gets better as
>you
>
> go up in frequency.Â It also performs well on 40-m and 80-m although longer
> elements would help as you go down in frequency.Â
>
>
> The nice thing about this antenna/tuner comboÂ is that you don't have to have
> lots of different antennas in the air to work the different bands.Â Also, look
>
> at the radiation pattern.Â With two EDZs at right angles, and oriented
>properly,
>
> you can take advantage of the focused pattern and get very good coverage in the
>
> directions you want.
>
> Friends of mine, George Baker (sk) W5YR and Bill Pierrard K5JHP, both use(d)
>two
>
> EDZs to contest (even though both had beams on towers).Â They also used
>separate
>
> antenna tuners on each of the feedlines running into the shacks.Â That way
>they
>
> could quickly switch from one to the other to select the one with the
> bestÂ signals during the heat of battle.Â Bill still ranks high in the Fox
>Hunt

>
> tests as did George when he was alive.Â Unfortunately I do not have the
> real-estate in Texas to allow me to put up two EDZs at right angles and I have

> antenna restrictions at my home in Missouri so I am stuck with the attic
> antenna.
>
> The collapseable masts/Crappie poles are really handy when doing antenna
>work.Â
>
> George, Bill, and I used to go out and play with antennas on the weekends.Â We
>
> would model them using EZNEC softwareÂ and then make up tables of impedances
>that
>
> we could get out of the Elecraft antenna tuners in the various rigs.Â Those
> tuners use discrete L and C components, so you can put them together in various
>
> ways toÂ get differentÂ impedances. Knowing the feedpoint impedanceÂ at the
> antenna, the length of the ladder line could beÂ adjusted to transform the
> antenna feedpoint Z to get anÂ impedance at the feedlineÂ input that could be
> matched by the tuners.Â We also had several different antenna analyzer
> instruments that allowed us toÂ measure the complex impedance of the feedline
> input.Â Â It was all great fun.Â George was a true mentor and friend that
>really
>
> knew his stuff.Â I really miss him.
>
> Mike, I hope all this helps you develop you antenna farm.
>
> 73
>
> DwainÂ KÃ˜LOA
>
>
>
> _____
> From: "k9jri@..." <k9jri@...>
> To: pfr3_group@yahoogroups.com
> Sent: Tue, August 24, 2010 10:27:32 AM
> Subject: [pfr3_group] Re: MFJ-1910
>
> Â
> Dwain,
>
> Thanks for the long reply. That is exactly the type of feedback I was looking
> for.
>
> Do you find that he loss in the ladder line is noticably less that just using
> paired speaker wire? Which line do you use, the 1/2" (300 ohm) of the 1" (450

> ohm)?
>
> I am going to deploy the poles in a more permanent environment. My community
> does not have specific antenna restrictions but I do not want it to stick out
> like an electric sign. My plan is a 33' vertical for 40M & 30M and EFHW
>antennas
>
> for 20M, 17M & 15M. I already have a decent ground/radial system for the
> vertical. For 75M I will probably use a 75 to 90 foot wire extended off the top
>
> of the pole for the last 40 to 50 feet.
>
>
> I want to be able to easily run the pole up and down to play with the antenna
> choice of the day.... so to speak. It will be used with a (Hendricks) PFR-3A,
> NADC-40, 17M & 15M Dual Bander, (Small Wonder Labs) PSK-40, PSK-20 or the new
> Retro-75.
>
> I have no radios other than these kits at the present time.
>
> 73 - Mike - K9JRI
>
> --- In pfr3_group@yahoogroups.com, Dwain Lawhon <ddlawhon@> wrote:
> >
> > Mike:
> >
> > I own one of the MFJ masts, and have been quite happy with it.Ã‚Â I use it
>in
>
> >the
> >
> > field to support a 88'Ã‚Â long EDZ fed with ladder line.Ã‚Â Ã‚Â The ends of
>the EDZ
>
> >are
> >
> > supported with 20' Crappie Fishing Poles that are readily available from the

> >big
> >
> > sporting goods outfits (Bass Pro, Cabellas, etc) under different brand
> >names.Ã‚Â Ã‚Â
> >
> > The tips of the polesÃ‚Â are kinda flexible and bend under the antenna
>weight,
>
> >but
> >
> > that's OK with me.Ã‚Â It's like a fishing pole in that regard, it absorbs
>the

>
> > energy of the load by bending with it.Ã‚Â It also holds the ladder line away
>
> >from
> >
> > theÃ‚Â mast which I prefer.Ã‚Â
> >
> >
> > I use emprovisedÃ‚Â ground stakes that I can easily push into the ground and
>that
>
> >
> > the poles will snuggly slip overÃ‚Â to support the poles at the bottom.Ã‚Â
>The
>
> >stakes
> >
> > are something I made up in the work shop usingÃ‚Â pieces ofÃ‚Â wooden poles
>that
>
> > youÃ‚Â hang clothes on in the closet (about 1-3/4" OD).Ã‚Â Ã‚Â Ã‚Â In the
>case of the
>
> >MFJ
> >
> > pole I screwÃ‚Â PVCÃ‚Â end caps, as sleeves,Ã‚Â onÃ‚Â both ends ofÃ‚Â a 14"
>longÃ‚Â wooden
>
> >piece
> >
> > to fit the ID of the the MFJ mast at theÃ‚Â bottom.Ã‚Â (I have a lathe that
>I use
>
> >to
> >
> > turn down 10" long woodenÃ‚Â piecesÃ‚Â to fit the smallerÃ‚Â Crappie
>poles)Ã‚Â Ã‚Â
>
> >IÃ‚Â useÃ‚Â very
> >
> > long nails (with heads cut off) Ã‚Â drivenÃ‚Â into a predrilled hole in the
>bottom
>
> >of
> >
> > the woodenÃ‚Â pieces toÃ‚Â make theÃ‚Â ground stake for the 20'
>poles.Ã‚Â Ã‚Â The end of
>
> >the
> >

> > nail is then sharpened to make it easy to push into the ground.Ã,Â Ã,Â For
>the MFJ
>
> >,
> >
> > you need something a bit longer to push into the ground for support, so
>IÃ,Â use
>
> >a
> >
> > long piece of 3/8" steel rod (about 14" going into
> >theÃ,Â ground)Ã,Â insteadÃ,Â ofÃ,Â the
> >
> > shorter nails (which only go about 8" to 10" into the ground).Ã,Â Ã,Â The
>wood/PVC
>
>
> > sleeve goes about 14" into the bottom of the MFJ pole.
> >
> > I find these stake supports to be adequate in normal soil without using
>guys.Ã,Â
>
> >
> > They might not be sufficient for sand or very wet, loose soilÃ,Â where
>guysÃ,Â may
>
> >be
> >
> > required.Ã,Â Ã,Â Anyway, this setup makes for a quick self-supporting
>antenna
>
> >that's
> >
> > easy to erect.
> >
> > You can use the masts to support various types of antennas.Ã,Â I have used
>them
>
> >to
> >
> > put up inverted L's, inverted V's,Ã,Â end feds, regular dipoles, EDZs (used
>with
>
> >a
> >
> > good antenna tuner for all bands), verticals, etc.Ã,Â I also found a
> > smallÃ,Â inexpensiveÃ,Â plastic gun case at Bass Pro that will just accept
>the
>
> > collapsed MFJ mast and I can get theÃ,Â 20' poles , ground stakes, spools of

>#26
>
>
> > wire, etc. in it for storage and transport.Ã‚Â Not handy for back packing,
>but
>
> > great for trunking and storage.
> >
> > Sorry for the long winded explanation, but I do love working with the
> antennas.
> >
> > 73
> >
> > Dwain KÃƒËœLOA
> >
> >
> >
> > _____
> > From: "k9jri@" <k9jri@>
> > To: pfr3_group@yahoogroups.com
> > Sent: Mon, August 23, 2010 4:27:58 PM
> > Subject: [pfr3_group] MFJ-1910
> >
> > Ã‚Â
> > Has anyone used the MFJ-1910 33' fiberglass mast?
> >
> > If so what are your thoughts?
> >
> > 73 - Mike - K9JRI
> >
>

1672. preparing to start a pfr-3

Yahoo group: pfr3_group
Date: 2010-08-25 18:05:19 UTC
From: aj4yz
Topic: 1672 Message: 1672

I have downloaded the -b version of the manual from here. My questions are these:
1. Does this have all of the mods that people have done which led to the pfr-3a to be designed
2. Can the chip still be upgraded if it is one of the ones without the red dot?
3. In the -b manual does it have the toroid changes for the blt?
4. what am I missing or forgetting to ask? Are there mods that everyone knows about but aren't really in the documentation?

1673. Re: [pfr3_group] preparing to start a pfr-3

Yahoo group: pfr3_group
Date: 2010-08-25 19:00:14 UTC
From: sigcom@juno.com
Topic: 1672 Message: 1673

1.) Do you have a PFR-3(no suffix) kit? If so, then the latest manual for that radio is the 'B.2' rev. dated Sept. 22, 2008. It is not in the 'Files' section.

2.) If a PFR-3(no suffix), yes.

3.) I am not certain. Use the 'B.2' manual.

4.) The only mod. I'm aware of that is printed in the manual is the 'cut-and-jump' mod.

73.......Steve Smith WB6TNL

---------- Original Message ----------

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2. Can the chip still be upgraded if it is one of the ones without the red dot?
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1674. Re: MFJ-1910

Yahoo group: pfr3_group
Date: 2010-08-25 19:47:47 UTC
From: k9jri@att.net
Topic: 1662 Message: 1674

Dwain, from all I have learned, from you and others on other QRP forums, it looks like I might be better served with the much more expensive MFJ-1908H. The top section is large enough that I can get a small feedline through it, certainly with the top section omitted.

It also appears to be much better suited to being extended and collapsed on a regular basis. I looked at the S9 antenna earlier today but it too is very small at the top, quite flexible in even a modest wind and because it uses screws to secure each section does not appear to be ideal for my purposes.

Thanks again Dwain and all of you who have responded.

73 - Mike - K9JRI

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> successfully by others.
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> Enough of my rambling.Â Hope some of this helps.
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> DwainÂ KÃ□LOA
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> > tuner.Ã□Â TheÃ□Â small LDG tuner is also a nicely designed unit that seems to work
>
> > well.Ã□Â
> >
> > I have the 88' EDZ that I mentioned earlierÃ□Â in my attic here in Missouri and
> > between the top of my 55' tower down to a tree at my home in Texas.Ã□Â They both
> >
> > use 1" 450-ohm feedline and I can load both of them on all bands with a good
> > tuner.Ã□Â I have the K1, K2, K3, PFR-3, KX1, and quite a number of other QRP
> > radios.Ã□Â I can use all of them on the EDZs.Ã□Â With the K3, I can load the
> > EDZsÃ□Â from 80-m through 6-meters.Ã□Â I use the Elecraft 1:1/4:1 Balun at the
> >radio
> >
> > output to gain a little leverage and then I can even load the one in Texas on
> > 160-m.Ã□Â For some reason I cannot get the one in Missouri to load on 160-m.Ã□Â I
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> > haven't spent a lot of time trying to figure out why as it is relatively low to
> >
> > the ground and really too short to be a good 160-m antenna.
> >
> > The reason I like the EDZ is you get gain as you go up in frequency.Ã□Â The 88'
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> > EDZ exhibitsÃ□Â between 2-dB andÃ□Â 3-dB of gain at 20-m and just gets better as
> >you
> >
> > go up in frequency.Ã□Â It also performs well on 40-m and 80-m although longer
> > elements would help as you go down in frequency.Ã□Â
> >
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> > The nice thing about this antenna/tuner comboÃ□Â is that you don't have to have
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> > at the radiation pattern.Ã□Â With two EDZs at right angles, and oriented
> >properly,
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> > you can take advantage of the focused pattern and get very good coverage in the
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> > directions you want.
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> > Friends of mine, George Baker (sk) W5YR and Bill Pierrard K5JHP, both use(d)
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> > bestÃ□Â signals during the heat of battle.Ã□Â Bill still ranks high in the Fox
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> > tests as did George when he was alive.Ã□Â Unfortunately I do not have the
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> > antenna.
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> > The collapseable masts/Crappie poles are really handy when doing antenna
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> > George, Bill, and I used to go out and play with antennas on the weekends.Ã□Â We
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> > would model them using EZNEC softwareÃ□Â and then make up tables of impedances
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> >
> > we could get out of the Elecraft antenna tuners in the various rigs.Ã□Â Those
> > tuners use discrete L and C components, so you can put them together in various
> >
> > ways toÃ□Â get differentÃ□Â impedances. Knowing the feedpoint impedanceÃ□Â at the
> > antenna, the length of the ladder line could beÃ□Â adjusted to transform the
> > antenna feedpoint Z to get anÃ□Â impedance at the feedlineÃ□Â input that could be
> > matched by the tuners.Ã□Â We also had several different antenna analyzer
> > instruments that allowed us toÃ□Â measure the complex impedance of the feedline
> > input.Ã□Â Ã□Â It was all great fun.Ã□Â George was a true mentor and friend that
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> > Mike, I hope all this helps you develop you antenna farm.
> >
> > 73
> >
> > DwainÃ□Â KÃ□Ë□LOA
> >
> >
> >
> > _____
> > From: "k9jri@" <k9jri@>
> > To: pfr3_group@yahoogroups.com
> > Sent: Tue, August 24, 2010 10:27:32 AM
> > Subject: [pfr3_group] Re: MFJ-1910
> >
> > Ã□Â
> > Dwain,
> >
> > Thanks for the long reply. That is exactly the type of feedback I was looking
> > for.
> >
> > Do you find that he loss in the ladder line is noticably less that just using
> > paired speaker wire? Which line do you use, the 1/2" (300 ohm) of the 1" (450
> > ohm)?
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> > I am going to deploy the poles in a more permanent environment. My community
> > does not have specific antenna restrictions but I do not want it to stick out
> > like an electric sign. My plan is a 33' vertical for 40M & 30M and EFHW
> >antennas
> >
> > for 20M, 17M & 15M. I already have a decent ground/radial system for the
> > vertical. For 75M I will probably use a 75 to 90 foot wire extended off the top
> >
> > of the pole for the last 40 to 50 feet.
> >
> >

> > I want to be able to easily run the pole up and down to play with the antenna
> > choice of the day.... so to speak. It will be used with a (Hendricks) PFR-3A,
> > NADC-40, 17M & 15M Dual Bander, (Small Wonder Labs) PSK-40, PSK-20 or the new
> > Retro-75.
> >
> > I have no radios other than these kits at the present time.
> >
> > 73 - Mike - K9JRI
> >
> > --- In pfr3_group@yahoogroups.com, Dwain Lawhon <ddlawhon@> wrote:
> > >
> > > Mike:
> > >
> > > I own one of the MFJ masts, and have been quite happy with it.Ã□â□□Ã□Â I use it
> > >in
> > >
> > > >the
> > >
> > > field to support a 88'Ã□â□□Ã□Â long EDZ fed with ladder line.Ã□â□□Ã□Â Ã□â□□Ã□Â The ends of
> > >the EDZ
> > >
> > > >are
> > >
> > > supported with 20' Crappie Fishing Poles that are readily available from the
> > >
> > > >big
> > >
> > > sporting goods outfits (Bass Pro, Cabellas, etc) under different brand
> > > >names.Ã□â□□Ã□Â Ã□â□□Ã□Â
> > >
> > > The tips of the polesÃ□â□□Ã□Â are kinda flexible and bend under the antenna
> > >weight,
> > >
> > > >but
> > >
> > > that's OK with me.Ã□â□□Ã□Â It's like a fishing pole in that regard, it absorbs
> > >the
> > >
> > > energy of the load by bending with it.Ã□â□□Ã□Â It also holds the ladder line away
> > >
> > > >from
> > >
> > > theÃ□â□□Ã□Â mast which I prefer.Ã□â□□Ã□Â
> > >
> > >
> > > I use emprovisedÃ□â□□Ã□Â ground stakes that I can easily push into the ground and
> > >that
> > >
> > >

> > > the poles will snuggly slip overÃ□â□□Ã□Â to support the poles at the bottom.Ã□â□□Ã□Â
> >The
> >
> > >stakes
> > >
> > > are something I made up in the work shop usingÃ□â□□Ã□Â pieces ofÃ□â□□Ã□Â wooden poles
> >that
> >
> > > youÃ□â□□Ã□Â hang clothes on in the closet (about 1-3/4"
OD).Ã□â□□Ã□Â Ã□â□□Ã□Â Ã□â□□Ã□Â In the
> >case of the
> >
> > >MFJ
> > >
> > > pole I screwÃ□â□□Ã□Â PVCÃ□â□□Ã□Â end caps, as sleeves,Ã□â□□Ã□Â onÃ□â□□Ã□Â both ends
ofÃ□â□□Ã□Â a 14"
> >longÃ□â□□Ã□Â wooden
> >
> > >piece
> > >
> > > to fit the ID of the the MFJ mast at theÃ□â□□Ã□Â bottom.Ã□â□□Ã□Â (I have a lathe that
> >I use
> >
> > >to
> > >
> > > turn down 10" long woodenÃ□â□□Ã□Â piecesÃ□â□□Ã□Â to fit the smallerÃ□â□□Ã□Â Crappie
> >poles)Ã□â□□Ã□Â Ã□â□□Ã□Â
> >
> > >IÃ□â□□Ã□Â useÃ□â□□Ã□Â very
> > >
> > > long nails (with heads cut off) Ã□â□□Ã□Â drivenÃ□â□□Ã□Â into a predrilled hole in the
> >bottom
> >
> > >of
> > >
> > > the woodenÃ□â□□Ã□Â pieces toÃ□â□□Ã□Â make theÃ□â□□Ã□Â ground stake for the 20'
> >poles.Ã□â□□Ã□Â Ã□â□□Ã□Â The end of
> >
> > >the
> > >
> > > nail is then sharpened to make it easy to push into the ground.Ã□â□□Ã□Â Ã□â□□Ã□Â For
> >the MFJ
> >
> > >,
> > >
> > > you need something a bit longer to push into the ground for support, so
> >IÃ□â□□Ã□Â use
> >
> > >a

> > >
> > > long piece of 3/8" steel rod (about 14" going into
> > >theÃ□â□□Ã□Â ground)Ã□â□□Ã□Â insteadÃ□â□□Ã□Â ofÃ□â□□Ã□Â the
> > >
> > > shorter nails (which only go about 8" to 10" into the ground).Ã□â□□Ã□Â Ã□â□□Ã□Â The
> >wood/PVC
> >
> >
> > > sleeve goes about 14" into the bottom of the MFJ pole.
> > >
> > > I find these stake supports to be adequate in normal soil without using
> >guys.Ã□â□□Ã□Â
> >
> > >
> > > They might not be sufficient for sand or very wet, loose soilÃ□â□□Ã□Â where
> >guysÃ□â□□Ã□Â may
> >
> > >be
> > >
> > > required.Ã□â□□Ã□Â Ã□â□□Ã□Â Anyway, this setup makes for a quick self-supporting
> >antenna
> >
> > >that's
> > >
> > > easy to erect.
> > >
> > > You can use the masts to support various types of antennas.Ã□â□□Ã□Â I have used
> >them
> >
> > >to
> > >
> > > put up inverted L's, inverted V's,Ã□â□□Ã□Â end feds, regular dipoles, EDZs (used
> >with
> >
> > >a
> > >
> > > good antenna tuner for all bands), verticals, etc.Ã□â□□Ã□Â I also found a
> > > smallÃ□â□□Ã□Â inexpensiveÃ□â□□Ã□Â plastic gun case at Bass Pro that will just accept
> >the
> >
> > > collapsed MFJ mast and I can get theÃ□â□□Ã□Â 20' poles , ground stakes, spools of
> >#26
> >
> >
> > > wire, etc. in it for storage and transport.Ã□â□□Ã□Â Not handy for back packing,
> >but
> >
> > > great for trunking and storage.
> > >

> > > Sorry for the long winded explanation, but I do love working with the
> > antennas.
> > >
> > > 73
> > >
> > > Dwain KÃ□Æ'Ã□Å"LOA
> > >
> > >
> > >
> > > _____
> > > From: "k9jri@" <k9jri@>
> > > To: pfr3_group@yahoogroups.com
> > > Sent: Mon, August 23, 2010 4:27:58 PM
> > > Subject: [pfr3_group] MFJ-1910
> > >
> > > Ã□â□□Ã□Â
> > > Has anyone used the MFJ-1910 33' fiberglass mast?
> > >
> > > If so what are your thoughts?
> > >
> > > 73 - Mike - K9JRI
> > >
> >
>

1675. Re: [pfr3_group] preparing to start a pfr-3

Yahoo group: pfr3_group
Date: 2010-08-25 19:55:47 UTC
From: Lee Mairs (SAG)
Topic: 1672 Message: 1675

I bought an early version PFR-3 kit from DOug. I also would like the same information or a point to a URL that contains the info.

I just gotta get started on these kits earlier. You can't believe the size of my unbuilt kit queue.

73 de Lee
KM4YY/8

On 8/25/2010 2:05 PM, aj4yz wrote:
> I have downloaded the -b version of the manual from here. My questions are these:
> 1. Does this have all of the mods that people have done which led to the pfr-3a to be designed
> 2. Can the chip still be upgraded if it is one of the ones without the red dot?
> 3. In the -b manual does it have the toroid changes for the blt?
> 4. what am I missing or forgetting to ask? Are there mods that everyone knows about but aren't really in the documentation?
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
>

1676. Re: [pfr3_group] Re: MFJ-1910

Yahoo group: pfr3_group
Date: 2010-08-25 20:56:36 UTC
From: Dwain Lawhon
Topic: 1662 Message: 1676

Dit Dit

KØLOA

From: "k9jri@att.net" <k9jri@...>
To: pfr3_group@yahoogroups.com
Sent: Wed, August 25, 2010 2:47:47 PM
Subject: [pfr3_group] Re: MFJ-1910

Dwain, from all I have learned, from you and others on other QRP forums, it looks like I might be better served with the much more expensive MFJ-1908H. The top section is large enough that I can get a small feedline through it, certainly with the top section omitted.

It also appears to be much better suited to being extended and collapsed on a regular basis. I looked at the S9 antenna earlier today but it too is very small at the top, quite flexible in even a modest wind and because it uses screws to secure each section does not appear to be ideal for my purposes.

Thanks again Dwain and all of you who have responded.

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, Dwain Lawhon <ddlawhon@...> wrote:
>
> Mike:
>
> I have no problem with the basic concept, except for the problem of getting the
>
> mast to collapse with the feedline inside it.Â Â The 1" ladder line can get
>kinda
>
> stiff when confined.Â Also, the MFJ 33' collapseable mast that I use
> getsÂ relatively small near the top.Â It's really just an extra long version
>of
>
> the Crappie fishing poles that you see discussed so much.Â The topÂ section
> hasÂ an eyelet just like you would expect on a fishing pole and is small and
> flexible being less than 1/4" where it enters the section below it.Â Â TheÂ 1"

> feedline wouldn't fit inside it.Â For field work, I likeÂ the Crappie Pole
> designÂ and have had no problems with it.Â I'm not sure what the problems were
>
> that caused so many poor reviews to be written up on it.
>
> If you want to go stealthy with the antenna, the flag pole idea that is kicked

> around and used by some might be worth your consideration.Â The larger MFJ
> mastÂ would have a larger I.D., possibly making it easier to accomodate the
> ladder line and, since you might want to leave the antenna up most of the
> time,Â would be more robust.Â Â Â I would not be too concerned about metal
>clamps
>
> or sleeves as long as there's not a lot of movement going on between the
> feedline and the metal parts.Â I have ladder line that is near my furnace and

> ductwork in my basement and have had no problem with tuning and feeding it. Of

> course, it is stationary hence, once tuned, doesn't change.Â I have also run
> ladder line thru metal window casement without problems as well.
>
> The tuners youÂ own areÂ excellent units and will serve you well.Â Placing
>the
>
> SGC at the base of the mast would work nicely.Â I don't know what your layout

> looks like, but if you could use the ladder line from the antenna all the way
>to
>
> the outside wallÂ of the house/shack, there would be less loss than incurred
>with
>
> coax.Â Unfortunately,Â the ladder line would be highly visible hanging out,
> so-to-speak, and awkward to support if the span is great.Â Also, not very
> stealthy.
>
> Have you considered using a "bead type balun" at the point where you transition
>
> from ladder line to coax?Â Then you could useÂ the tuner in your shack to
>match
>
> the Z at the input to the coax to the transmitter output Z.Â This would
> eliminate having the tuner at the base of the antenna along withÂ a lot of
> control wiring.Â I have not used this technique at my locations since I have
>the
>
> ladder line run all the way to my operating position, but I have seen it done
> successfully by others.
>
> Enough of my rambling.Â Hope some of this helps.
>
> 72
>
> DwainÂ KÃ˜LOA
>
>
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>

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> Â
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>
>
> _____
> From: "k9jri@..." <k9jri@...>
> To: pfr3_group@yahoogroups.com
> Sent: Tue, August 24, 2010 3:59:50 PM
> Subject: [pfr3_group] Re: MFJ-1910
>
> Â
> Dwain,
>
> Again you provide more good stuff. Thanks for the comments on the 450 ladder
> line and I too would prefer that to the twisted pair that Hendricks described.
>
> I think I was too brief with my antenna topic and left the wrong impression. I

> only intend to have a single antenna up at any one time. I must admit that I
>had
>
> not considered the EDZ but that is on my list now as well. The EFHW antennas
>are
>
> currently my favorite regarding space vs efficiency and I do have several
>tuners
>
> that would allow me to deploy the EFHW with coax feed into the shack.
>
> I currently have the Elecraft T1, SGC-239, Hendricks BLT and MFJ-902. The BLT
> and 902 are manual but both have water tight outdoors enclosures (Tupperware).
>
> Since I do want the ability to raise and lower the mast repeatably I may be
> better served with the 33' or the 43' MFJ heavy duty fiberglass masts with
>quick
>
> clamps.
>
> I need to fall back and consider the horizontal EDZ versus the individual
> vertical EFHW antennas.
>
> What would your thoughts be regarding the EDZ with its center at the top of the
>
> pole and the feedline (maybe 300 ohm) fed down the inside of the pole to an
> autotuner at the base of the pole. Coax from there to the shack.... about 50
> feet away. One end of the ED would be easily lost in the trees but I am not
>sure

>
> how to hide the other end yet.
>
> Very 73 - Mike - K9JRI
>
> --- In pfr3_group@yahoogroups.com, Dwain Lawhon <ddlawhon@> wrote:
> >
> > Mike:
> >
> > I have tried the twisted wire feed line and the ribbon cable feedline (aka
>Doug
>
> >
> > Hendricks antenna).Ã,Â Although they do work and can serve to lighten your
>pack
>
>
> > load when in the field (I still have both in my aresnal of antennas), I have

> > found that the 1" 450-ohm commercial ladder line is my first choice, if
> > circumstance allows.
> >
> > Sound like you are planning on putting up a lot of wire antennas when the BLT
>
> > tuner in the PFR-3AÃ,Â will let you load a non-resonant dipole on all of the

> > bands.Ã,Â I home build a Z-Match from notes off the internet and find that
>there
>
> >
> > is almost nothing that it won't load.Ã,Â Also, I found that the antenna
>tuners
>
> > that Elecraft puts in their rigs work great.Ã,Â I would strongly recommend
>you
>
> > invest in a good tuner to use with the rigs that don't have a built-in
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> > Mike, I hope all this helps you develop you antenna farm.
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> > _____
> > From: "k9jri@" <k9jri@>
> > To: pfr3_group@yahoogroups.com
> > Sent: Tue, August 24, 2010 10:27:32 AM
> > Subject: [pfr3_group] Re: MFJ-1910
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> >
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>
> >
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> >
> >
> > I want to be able to easily run the pole up and down to play with the antenna
>
> > choice of the day.... so to speak. It will be used with a (Hendricks) PFR-3A,
>
> > NADC-40, 17M & 15M Dual Bander, (Small Wonder Labs) PSK-40, PSK-20 or the new
>
> > Retro-75.
> >
> > I have no radios other than these kits at the present time.
> >
> > 73 - Mike - K9JRI
> >
> > --- In pfr3_group@yahoogroups.com, Dwain Lawhon <ddlawhon@> wrote:
> > >
> > > Mike:
> > >
> > > I own one of the MFJ masts, and have been quite happy with it.Ãƒâ€šÃ‚Â I
>use it
>
> >in
> >
> > >the
> > >
> > > field to support a 88'Ãƒâ€šÃ‚Â long EDZ fed with ladder
>line.Ãƒâ€šÃ‚Â Ãƒâ€šÃ‚Â The ends of
>
> >the EDZ
> >
> > >are
> > >
> > > supported with 20' Crappie Fishing Poles that are readily available from
>the
>
>
> > >big
> > >
> > > sporting goods outfits (Bass Pro, Cabellas, etc) under different brand
> > >names.Ãƒâ€šÃ‚Â Ãƒâ€šÃ‚Â
> > >
> > > The tips of the polesÃƒâ€šÃ‚Â are kinda flexible and bend under the antenna
>
> >weight,
> >
> > >but
> > >

> > > that's OK with me.Ãƒâ€šÃ‚Â It's like a fishing pole in that regard, it
>absorbs
>
> >the
> >
> > > energy of the load by bending with it.Ãƒâ€šÃ‚Â It also holds the ladder
>line away
>
> >
> > >from
> > >
> > > theÃƒâ€šÃ‚Â mast which I prefer.Ãƒâ€šÃ‚Â
> > >
> > >
> > > I use emprovisedÃƒâ€šÃ‚Â ground stakes that I can easily push into the
>ground and
>
> >that
> >
> > >
> > > the poles will snuggly slip overÃƒâ€šÃ‚Â to support the poles at the
>bottom.Ãƒâ€šÃ‚Â
>
> >The
> >
> > >stakes
> > >
> > > are something I made up in the work shop usingÃƒâ€šÃ‚Â pieces
>ofÃƒâ€šÃ‚Â wooden poles
>
> >that
> >
> > > youÃƒâ€šÃ‚Â hang clothes on in the closet (about 1-3/4"
>OD).Ãƒâ€šÃ‚Â Ãƒâ€šÃ‚Â Ãƒâ€šÃ‚Â In the
>
> >case of the
> >
> > >MFJ
> > >
> > > pole I screwÃƒâ€šÃ‚Â PVCÃƒâ€šÃ‚Â end caps, as
>sleeves,Ãƒâ€šÃ‚Â onÃƒâ€šÃ‚Â both ends ofÃƒâ€šÃ‚Â a 14"
>
> >longÃƒâ€šÃ‚Â wooden
> >
> > >piece
> > >
> > > to fit the ID of the the MFJ mast at theÃƒâ€šÃ‚Â bottom.Ãƒâ€šÃ‚Â (I have a
>lathe that
>
> >I use

> >
> > >to
> > >
> > > turn down 10" long woodenÃƒâ€šÃ‚Â piecesÃƒâ€šÃ‚Â to fit the
>smallerÃƒâ€šÃ‚Â Crappie
>
> >poles)Ãƒâ€šÃ‚Â Ãƒâ€šÃ‚Â
> >
> > >IÃƒâ€šÃ‚Â useÃƒâ€šÃ‚Â very
> > >
> > > long nails (with heads cut off) Ãƒâ€šÃ‚Â drivenÃƒâ€šÃ‚Â into a predrilled
>hole in the
>
> >bottom
> >
> > >of
> > >
> > > the woodenÃƒâ€šÃ‚Â pieces toÃƒâ€šÃ‚Â make theÃƒâ€šÃ‚Â ground stake for the
>20'
>
> >poles.Ãƒâ€šÃ‚Â Ãƒâ€šÃ‚Â The end of
> >
> > >the
> > >
> > > nail is then sharpened to make it easy to push into the
>ground.Ãƒâ€šÃ‚Â Ãƒâ€šÃ‚Â For
>
> >the MFJ
> >
> > >,
> > >
> > > you need something a bit longer to push into the ground for support, so
> >IÃƒâ€šÃ‚Â use
> >
> > >a
> > >
> > > long piece of 3/8" steel rod (about 14" going into
> > >theÃƒâ€šÃ‚Â ground)Ãƒâ€šÃ‚Â insteadÃƒâ€šÃ‚Â ofÃƒâ€šÃ‚Â the
> > >
> > > shorter nails (which only go about 8" to 10" into the
>ground).Ãƒâ€šÃ‚Â Ãƒâ€šÃ‚Â The
>
> >wood/PVC
> >
> >
> > > sleeve goes about 14" into the bottom of the MFJ pole.
> > >
> > > I find these stake supports to be adequate in normal soil without using
> >guys.Ãƒâ€šÃ‚Â
> >

> > >
> > > They might not be sufficient for sand or very wet, loose soilÃƒâ€šÃ‚Â where
>
> >guysÃƒâ€šÃ‚Â may
> >
> > >be
> > >
> > > required.Ãƒâ€šÃ‚Â Ãƒâ€šÃ‚Â Anyway, this setup makes for a quick
>self-supporting
>
> >antenna
> >
> > >that's
> > >
> > > easy to erect.
> > >
> > > You can use the masts to support various types of antennas.Ãƒâ€šÃ‚Â I have
>used
>
> >them
> >
> > >to
> > >
> > > put up inverted L's, inverted V's,Ãƒâ€šÃ‚Â end feds, regular dipoles, EDZs
>(used
>
> >with
> >
> > >a
> > >
> > > good antenna tuner for all bands), verticals, etc.Ãƒâ€šÃ‚Â I also found a

> > > smallÃƒâ€šÃ‚Â inexpensiveÃƒâ€šÃ‚Â plastic gun case at Bass Pro that will
>just accept
>
> >the
> >
> > > collapsed MFJ mast and I can get theÃƒâ€šÃ‚Â 20' poles , ground stakes,
>spools of
>
> >#26
> >
> >
> > > wire, etc. in it for storage and transport.Ãƒâ€šÃ‚Â Not handy for back
>packing,
>
> >but
> >
> > > great for trunking and storage.
> > >

> > > Sorry for the long winded explanation, but I do love working with the
> > antennas.
> > >
> > > 73
> > >
> > > Dwain KÃƒÆ'Ã‹Å"LOA
> > >
> > >
> > >
> > > _____
> > > From: "k9jri@" <k9jri@>
> > > To: pfr3_group@yahoogroups.com
> > > Sent: Mon, August 23, 2010 4:27:58 PM
> > > Subject: [pfr3_group] MFJ-1910
> > >
> > > Ãƒâ€šÃ‚Â
> > > Has anyone used the MFJ-1910 33' fiberglass mast?
> > >
> > > If so what are your thoughts?
> > >
> > > 73 - Mike - K9JRI
> > >
> >
>

1677. Re: preparing to start a pfr-3

Yahoo group: pfr3_group
Date: 2010-08-25 22:15:38 UTC
From: aj4yz
Topic: 1672 Message: 1677

Yes it is the no suffix model. Where might one find the b.2 version if not in the files section?

--- In pfr3_group@yahoogroups.com, "sigcom@..." <sigcom@...> wrote:
>
> 1.) Do you have a PFR-3(no suffix) kit? If so, then the latest manual for that radio is the 'B.2' rev. dated Sept. 22, 2008. It is not in the 'Files' section.
>
> 2.) If a PFR-3(no suffix), yes.
>
> 3.) I am not certain. Use the 'B.2' manual.
>
> 4.) The only mod. I'm aware of that is printed in the manual is the 'cut-and-jump' mod.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
>
> I have downloaded the -b version of the manual from here. My questions are these:
> 1. Does this have all of the mods that people have done which led to the pfr-3a to be designed
> 2. Can the chip still be upgraded if it is one of the ones without the red dot?
> 3. In the -b manual does it have the toroid changes for the blt?
> 4. what am I missing or forgetting to ask? Are there mods that everyone knows about but aren't really in the documentation?
>

1678. Re: [pfr3_group] Re: preparing to start a pfr-3 & looking for manual

Yahoo group: pfr3_group
Date: 2010-08-26 00:11:32 UTC
From: crp.wd8axb@comcast.net
Topic: 1672 Message: 1678

Have you checked the qrpkits web site for manual information?

=Charlie WD8AXB

----- Original Message -----
From: "aj4yz" <aj4yzmitch@...>
To: "pfr3 group" <pfr3_group@yahoogroups.com>
Sent: Wednesday, August 25, 2010 6:15:38 PM
Subject: [pfr3_group] Re: preparing to start a pfr-3

Yes it is the no suffix model. Where might one find the b.2 version if not in the files section?

1679. Re: [pfr3_group] Re: preparing to start a pfr-3 & looking for manual

Yahoo group: pfr3_group
Date: 2010-08-26 01:34:03 UTC
From: sigcom@juno.com
Topic: 1672 Message: 1679
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1680. Re: [pfr3_group] Re: preparing to start a pfr-3 & looking for manual [1 Attachment]

Yahoo group: pfr3_group
Date: 2010-08-26 01:42:43 UTC
From: sigcom@juno.com
Topic: 1680 Message: 1680

Sorry about all that junk Yahoo appended. The URL it is located at, for the moment, is:

http://groups.yahoo.com/group/pfr3_group/attachments/folder/548828580/item/list

73.......Steve Smith WB6TNL

1681. Re: [pfr3_group] Re: preparing to start a pfr-3 & looking for manual [1 Attachment]

Yahoo group: pfr3_group
Date: 2010-08-26 13:49:09 UTC
From: Lee Mairs (SAG)
Topic: 1672 Message: 1681

Thanks Steve -
I got the manual just fine. Now I need to figure out the differences
between the early version and the B version.
73 de Lee
KM4YY/8

On 8/25/2010 9:34 PM, sigcom@... wrote:
> The rev. B.2 manual is not on the QRP Kits site, only the latest PFR-3A manual (Mar. 01, 2010).
>
> I have attached the rev. B.2 Manual for the PFR-3(no suffix). Hope it makes it.
>
> 73.......Steve Smith WB6TNL
>
>
>
> Have you checked the qrpkits web site for manual information?
>
> =Charlie WD8AXB
>
> Please note: file attached
>
> Return-Path:<sentto-22411776-1678-1282781499-sigcom=juno.com@...>
> Received: from mx09.vgs.untd.com (mx09.vgs.untd.com [10.181.44.39])
> by maildeliver05.vgs.untd.com with SMTP id AABGHMNK6AFS7CKS
> for<sigcom@...> (sender<sentto-22411776-1678-1282781499-sigcom=juno.com@...>);
> Wed, 25 Aug 2010 17:11:40 -0700 (PDT)
> Authentication-Results: mx09.vgs.untd.com; DKIM=PASS
> Received-SPF: None
> Received: from n66d.bullet.mail.sp1.yahoo.com (n66d.bullet.mail.sp1.yahoo.com [98.136.45.91])
> by mx09.vgs.untd.com with SMTP id AABGHMNK5A4YQ7WJ
> for<sigcom@...> (sender<sentto-22411776-1678-1282781499-sigcom=juno.com@...>);
> Wed, 25 Aug 2010 17:11:39 -0700 (PDT)
> DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed; d=yahoogroups.com; s=lima; t=1282781499; bh=OgyhpxtFantAUeunuty6+PcvEtGmYFwZYlMH3krjBhw=; h=Received:Received:X-Yahoo-Newman-Id:X-Sender:X-Apparently-To:X-Received:X-Received:X-Received:X-Received:X-Received:To:Message-ID:In-Reply-To:X-Mailer:X-Originating-IP:From:X-Yahoo-Profile:Sender:MIME-Version:Mailing-List:Delivered-To:List-Id:Precedence:List-Unsubscribe:Date:Subject:Reply-To:X-Yahoo-Newman-Property:Content-Type; b=JdwSnvV19MRsxxnJGqk8pWRY/ZIzg7XTx6uvsRfn49zytHjNl46opzji2OdgGoMBdrT4PQ44KAtE0qHJdnIVJqoE1JqpmcdebTwpi6whr4/kt8X0KbxRi9VIulk3iWYW
> DomainKey-Signature: a=rsa-sha1; q=dns; c=nofws; s=lima; d=yahoogroups.com;
> b=tulpjzkOoDbKmYNeNjkPG7eany065oLhgPb3NioT8plH2od3D9Qh+LhRTxTZmxygG/JiDOcUKuO42DEL6gD7/o4DLc/B5ZBiD5td4XuGbA+LAQHVnPdMjX8jgBPm20Cz;

> Received: from [69.147.65.150] by n66.bullet.mail.sp1.yahoo.com with NNFMP; 26 Aug 2010 00:11:39 -0000
> Received: from [98.137.34.39] by t7.bullet.mail.sp1.yahoo.com with NNFMP; 26 Aug 2010 00:11:39 -0000
> X-Yahoo-Newman-Id: 22411776-m1678
> X-Sender: crp.wd8axb@...
> X-Apparently-To: pfr3_group@yahoogroups.com
> X-Received: (qmail 47296 invoked from network); 26 Aug 2010 00:11:36 -0000
> X-Received: from unknown (98.137.34.46)
> by m3.grp.sp2.yahoo.com with QMQP; 26 Aug 2010 00:11:36 -0000
> X-Received: from unknown (HELO qmta15.emeryville.ca.mail.comcast.net) (76.96.27.228)
> by mta3.grp.sp2.yahoo.com with SMTP; 26 Aug 2010 00:11:36 -0000
> X-Received: from omta12.emeryville.ca.mail.comcast.net ([76.96.30.44])
> by qmta15.emeryville.ca.mail.comcast.net with comcast
> id yky61e0070x6nqcAFoBZWt; Thu, 26 Aug 2010 00:11:33 +0000
> X-Received: from sz0026.ev.mail.comcast.net ([76.96.26.74])
> by omta12.emeryville.ca.mail.comcast.net with comcast
> id yoBY1e00P1bvl9Y8YoBYil; Thu, 26 Aug 2010 00:11:33 +0000
> To: pfr3 group<pfr3_group@yahoogroups.com>
> Message-ID:<489904509.367610.1282781492776.JavaMail.root@...>
> In-Reply-To:<i544ma+9vkm@...>
> X-Mailer: Zimbra 6.0.5_GA_2429.RHEL4 (ZimbraWebClient - IE8 (Win)/6.0.5_GA_2427.RHEL4)
> > From: crp.wd8axb@...
> X-Yahoo-Profile: wd8axb
> Sender: pfr3_group@yahoogroups.com
> MIME-Version: 1.0
> Mailing-List: list pfr3_group@yahoogroups.com; contact pfr3_group-owner@yahoogroups.com
> Delivered-To: mailing list pfr3_group@yahoogroups.com
> List-Id:<pfr3_group.yahoogroups.com>
> Precedence: bulk
> List-Unsubscribe:<mailto:pfr3_group-unsubscribe@yahoogroups.com>
> Date: Thu, 26 Aug 2010 00:11:32 +0000 (UTC)
> Subject: Re: [pfr3_group] Re: preparing to start a pfr-3& looking for
> manual
> Reply-To: pfr3_group@yahoogroups.com
> X-Yahoo-Newman-Property: groups-email-tradh-m
> Content-Type: multipart/alternative;
> boundary="----=_Part_367609_1611164205.1282781492775"
> X-UNTD-BodySize: 4948
> X-UNTD-SPF: None
> X-UNTD-DKIM: PASS
> X-ContentStamp: 5:2:3901312162
> X-MAIL-INFO:2c9c9c4d155d8c158c8c5d5555edad28d925c1281861487895c98819f1984dc5ac1d1d21290c492941490c2c81c1c5556ce5cce539655d6cb1fc3d25797d75e500210c0111bd081d95fc2da53cb8f931b5b5dc61885961715988f1e841999d05f5bcf569d885055ca85db995a9acf598dc88f8cc4818b57da83891c189681dd9a168c8e10d4c1c591c25c509b12cd5acc5e55d555dac7c08a129e50579ccccbc6d8d653cb1457939086d0c0c65cd4c352c8d4c75819d41713c392cf5e185b9a8ada9adcd1195eddca8d9752595b5adc938f11908e9b16dfcb108790079bd29d9c889880901ecb5699ca11d4d0dacf9a1ec9ce9817dac7de5450c
> 71c8ac6de501adcc790cbd494cf56529010039814ded013c8199a5353d05ed0571e1b975dd6d7939ad31d1a13d9ddd9598d88cf5c8d8d9a9a95cc191c1d9d93c1cd988f14db5c5e8a11ca1bd599c09fc955c91ec5d7858e8ac

fce5451985217d21015501782908e57dc8e1192d1d41012ca599e199dc8d81b8
> X-UNTD-Peer-Info: 98.136.45.91|n66d.bullet.mail.sp1.yahoo.com|n66d.bullet.mail.sp1.yahoo
.com|sentto-22411776-1678-1282781499-sigcom=juno.com@...
> X-UNTD-UBE:-1
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>

1682. Re: PFR-3 and PSK?

Yahoo group: pfr3_group
Date: 2010-08-26 23:55:43 UTC
From: Jean-Pierre C
Topic: 1667 Message: 1682

No PFR3 is CW only rig.

JP

--- In pfr3_group@yahoogroups.com, "ribu947" <ribu947@...> wrote:
>
> I am brand new to this and am about to purchase my first transceiver... the pfr-3. I assume that the PFR-3 can work with PocketDigi and perform PSK comms. Am I correct? Anyone with experience? I understand that the ATS-3 can do this and I thought the PFR-3 was based on the same platform. Thanks for any help. I look forward to talking with you folks!
>

1683. BSI not working

Yahoo group: pfr3_group
Date: 2010-08-26 23:57:17 UTC
From: Jean-Pierre C
Topic: 1683 Message: 1683

Hi. Hooked 12 volts, Pushing button produces no light in the led. Did somebody have same problem?

1684. RE: [pfr3_group] BSI not working

Yahoo group: pfr3_group
Date: 2010-08-27 00:55:42 UTC
From: Dale Putnam
Topic: 1683 Message: 1684

Has it ever worked.. or is the first time? Is the sense lead connected to 12v, and the neg connected to the ground of the board? Is this mounted in the case of the PFR3? Did it pass the set up test?
and yes... if any of the above is optional, then the correct operation of the BSI is optional.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jpcouture68@...
Date: Thu, 26 Aug 2010 23:57:17 +0000
Subject: [pfr3_group] BSI not working

Hi. Hooked 12 volts, Pushing button produces no light in the led. Did somebody have same problem?

1685. Re: BSI not working

Yahoo group: pfr3_group
Date: 2010-08-27 11:52:18 UTC
From: Jean-Pierre C
Topic: 1683 Message: 1685

Never worked (I just finished building it)
Senses lead all connected OK.
Not mounted in the case but its the plan so I choose the case switch.
Not passed the setup test.

Also, I think the led mounted ok, understanding the notch (the squared leg) is on the edge side.

Well....

JP

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Has it ever worked.. or is the first time? Is the sense lead connected to 12v, and the neg connected to the ground of the board? Is this mounted in the case of the PFR3? Did it pass the set up test?
> and yes... if any of the above is optional, then the correct operation of the BSI is optional.
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: jpcouture68@...
> Date: Thu, 26 Aug 2010 23:57:17 +0000
> Subject: [pfr3_group] BSI not working
>
>
>
>
>
>
>
> Hi. Hooked 12 volts, Pushing button produces no light in the led. Did somebody have same problem?
>

1686. RE: [pfr3_group] Re: BSI not working

Yahoo group: pfr3_group
Date: 2010-08-27 12:31:44 UTC
From: Dale Putnam
Topic: 1683 Message: 1686

Do you have a voltmeter to use for measuring the input voltage? I used a 9v battery to test the first time on mine. That way I didn't have any issues with polarity, or overvoltage/undervoltgage, and I could set the low side up quick.
Maybe a close look at the soldering, just for insurance would be good too. Yep, the notch goes to the edge of the board.
We'll get it.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jpcouture68@...
Date: Fri, 27 Aug 2010 11:52:18 +0000
Subject: [pfr3_group] Re: BSI not working

Never worked (I just finished building it)
Senses lead all connected OK.
Not mounted in the case but its the plan so I choose the case switch.
Not passed the setup test.

Also, I think the led mounted ok, understanding the notch (the squared leg) is on the edge side.

Well....

JP

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Has it ever worked.. or is the first time? Is the sense lead connected to 12v, and the neg connected to the ground of the board? Is this mounted in the case of the PFR3? Did it pass the set up test?
> and yes... if any of the above is optional, then the correct operation of the BSI is optional.
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: jpcouture68@...
> Date: Thu, 26 Aug 2010 23:57:17 +0000
> Subject: [pfr3_group] BSI not working
>
>

>
>
>
>
> Hi. Hooked 12 volts, Pushing button produces no light in the led. Did somebody have same problem?
>

1687. Re: BSI not working

Yahoo group: pfr3_group
Date: 2010-08-27 19:20:02 UTC
From: Jean-Pierre C
Topic: 1683 Message: 1687

Yes my power source is 13V.

I'll recheck slowly the solderings.

THanks anyways
73

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
>
> Do you have a voltmeter to use for measuring the input voltage? I used a 9v battery to test the first time on mine. That way I didn't have any issues with polarity, or overvoltage/undervoltgage, and I could set the low side up quick.
> Maybe a close look at the soldering, just for insurance would be good too. Yep, the notch goes to the edge of the board.
> We'll get it.
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: jpcouture68@...
> Date: Fri, 27 Aug 2010 11:52:18 +0000
> Subject: [pfr3_group] Re: BSI not working
>
>
>
>
>
>
>
> Never worked (I just finished building it)
> Senses lead all connected OK.
> Not mounted in the case but its the plan so I choose the case switch.
> Not passed the setup test.
>
> Also, I think the led mounted ok, understanding the notch (the squared leg) is on the edge side.
>
> Well....
>
> JP
>

> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
> >
> >
> > Has it ever worked.. or is the first time? Is the sense lead connected to 12v, and the neg connected to the ground of the board? Is this mounted in the case of the PFR3? Did it pass the set up test?
> > and yes... if any of the above is optional, then the correct operation of the BSI is optional.
> >
> > --... ...-- Dale - WC7S in Wy
> >
> >
> >
> >
> >
> > To: pfr3_group@yahoogroups.com
> > From: jpcouture68@
> > Date: Thu, 26 Aug 2010 23:57:17 +0000
> > Subject: [pfr3_group] BSI not working
> >
> >
> >
> >
> >
> >
> > Hi. Hooked 12 volts, Pushing button produces no light in the led. Did somebody have same problem?
> >
>

1688. Re: [pfr3_group] Re: BSI not working

Yahoo group: pfr3_group
Date: 2010-08-27 20:29:25 UTC
From: ckwishmeier@cs.com
Topic: 1683 Message: 1688

Can't beat that 9V battery. It's much safer in case of a screw up! You'll love the PFR-3A when you get it done. I have 34 states and about a half dozen countries in 2 1/2 weeks using all three bands.

Keith
WA9S

-----Original Message-----
From: Jean-Pierre C <jpcouture68@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, Aug 27, 2010 3:20 pm
Subject: [pfr3_group] Re: BSI not working

Yes my power source is 13V.

I'll recheck slowly the solderings.

THanks anyways
73

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
>
> Do you have a voltmeter to use for measuring the input voltage? I used a 9v battery to test the first time on mine. That way I didn't have any issues with polarity, or overvoltage/undervoltgage, and I could set the low side up quick.
> Maybe a close look at the soldering, just for insurance would be good too. Yep, the notch goes to the edge of the board.
> We'll get it.
>
> --... ...-- Dale - WC7S in Wy
>
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>
> To: pfr3_group@yahoogroups.com
> From: jpcouture68@...
> Date: Fri, 27 Aug 2010 11:52:18 +0000
> Subject: [pfr3_group] Re: BSI not working
>
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>
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>
> Never worked (I just finished building it)
> Senses lead all connected OK.
> Not mounted in the case but its the plan so I choose the case switch.
> Not passed the setup test.
>
> Also, I think the led mounted ok, understanding the notch (the squared leg) is on the edge side.
>
> Well....
>
> JP
>
> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
> >
> >
> > Has it ever worked.. or is the first time? Is the sense lead connected to 12v, and the neg connected to the ground of the board? Is this mounted in the case of the PFR3? Did it pass the set up test?
> > and yes... if any of the above is optional, then the correct operation of the BSI is optional.
> >
> > --... ...-- Dale - WC7S in Wy
> >
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> >
> > To: pfr3_group@yahoogroups.com
> > From: jpcouture68@
> > Date: Thu, 26 Aug 2010 23:57:17 +0000
> > Subject: [pfr3_group] BSI not working
> >
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> >
> > Hi. Hooked 12 volts, Pushing button produces no light in the led. Did somebody have same problem?
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>

1689. RE: [pfr3_group] Re: BSI not working

Yahoo group: pfr3_group
Date: 2010-08-27 21:53:28 UTC
From: Dale Putnam
Topic: 1683 Message: 1689

Do you have positive voltage applied to the input, and the negative tied to the ground side?
Is there voltage on the IC?
What does the ic measure for volts?
You can sure use a 9v battery for testing too...
I had one that didn't want to work.. checked and rechecked everything.... then I found the input to the BSI was wired to the off position of the PFR3 radio. It only worked when the radio was off. Not the way I was testing it.
Yes, I know.. the PFR3 doesn't have an off.... until there isn't a battery inside... then that is off.
I changed it to the radio side.. so the BSI would measure either one, internal or external supply.. and it worked fine then.
Good Luck,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jpcouture68@...
Date: Fri, 27 Aug 2010 19:20:02 +0000
Subject: [pfr3_group] Re: BSI not working

Yes my power source is 13V.

I'll recheck slowly the solderings.

THanks anyways
73

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
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> Do you have a voltmeter to use for measuring the input voltage? I used a 9v battery to test the first time on mine. That way I didn't have any issues with polarity, or overvoltage/undervoltgage, and I could set the low side up quick.
> Maybe a close look at the soldering, just for insurance would be good too. Yep, the notch goes to the edge of the board.
> We'll get it.
>
> --... ...-- Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com

> From: jpcouture68@...
> Date: Fri, 27 Aug 2010 11:52:18 +0000
> Subject: [pfr3_group] Re: BSI not working
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> > To: pfr3_group@yahoogroups.com
> > From: jpcouture68@
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> > Hi. Hooked 12 volts, Pushing button produces no light in the led. Did somebody have same problem?
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1690. Re: [pfr3_group] Re: BSI not working

Yahoo group: pfr3_group
Date: 2010-08-29 18:15:26 UTC
From: alan vega
Topic: 1683 Message: 1690

I am new to the group and own a PFR3. What is the difference between the 3 and 3a? This is the most fun QRP rig that I have ever used.
WA6MOW

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, August 27, 2010 2:53:28 PM
Subject: RE: [pfr3_group] Re: BSI not working

Do you have positive voltage applied to the input, and the negative tied to the ground side?

Is there voltage on the IC?
What does the ic measure for volts?
You can sure use a 9v battery for testing too...
I had one that didn't want to work.. checked and rechecked everything.... then I found the input to the BSI was wired to the off position of the PFR3 radio. It only worked when the radio was off. Not the way I was testing it.

  Yes, I know.. the PFR3 doesn't have an off.... until there isn't a battery inside... then that is off.

I changed it to the radio side.. so the BSI would measure either one, internal or external supply.. and it worked fine then.
Good Luck,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jpcouture68@...
Date: Fri, 27 Aug 2010 19:20:02 +0000
Subject: [pfr3_group] Re: BSI not working

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I'll recheck slowly the solderings.

THanks anyways
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> Do you have a voltmeter to use for measuring the input voltage? I used a 9v
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>polarity, or overvoltage/undervoltgage, and I could set the low side up quick.
> Maybe a close look at the soldering, just for insurance would be good too. Yep,
>the notch goes to the edge of the board.
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> From: jpcouture68@...
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>case of the PFR3? Did it pass the set up test?
> > and yes... if any of the above is optional, then the correct operation of the
>BSI is optional.
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> >
> > --... ...-- Dale - WC7S in Wy
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> > To: pfr3_group@yahoogroups.com

> > From: jpcouture68@
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>somebody have same problem?
> >
>

1691. RE: [pfr3_group] Re: BSI not working

Yahoo group: pfr3_group
Date: 2010-08-30 12:05:08 UTC
From: Dale Putnam
Topic: 1683 Message: 1691

Hi,
The main difference between the two, is a change in the microP that fixes a glitch in cw at the beginning of tx. if I remember correctly, Steve will send a new chip if you get in touch with him. The other difference is the case.. the later one has decals, not painted on labels.
Have a great day, they are wonderful fun radios, either one.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: wa6mow@...
Date: Sun, 29 Aug 2010 11:15:26 -0700
Subject: Re: [pfr3_group] Re: BSI not working

I am new to the group and own a PFR3. What is the difference between the 3 and 3a? This is the most fun QRP rig that I have ever used.
WA6MOW

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, August 27, 2010 2:53:28 PM
Subject: RE: [pfr3_group] Re: BSI not working

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Yes, I know.. the PFR3 doesn't have an off.... until there isn't a battery inside... then that is off.
I changed it to the radio side.. so the BSI would measure either one, internal or external supply.. and it worked fine then.
Good Luck,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jpcouture68@...
Date: Fri, 27 Aug 2010 19:20:02 +0000
Subject: [pfr3_group] Re: BSI not working

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I'll recheck slowly the solderings.

THanks anyways
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--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
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> --... ...-- Dale - WC7S in Wy
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> From: jpcouture68@...
> Date: Fri, 27 Aug 2010 11:52:18 +0000
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> > --... ...-- Dale - WC7S in Wy
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>

1692. SAD NEWS!!!

Yahoo group: pfr3_group
Date: 2010-08-30 12:22:58 UTC
From: Dale Putnam
Topic: 1692 Message: 1692

I'm writing this with tears in my eyes,I came down here to London,United Kingdom for a short vacation unfortunately i got mugged at the park of the hotel where i stayed,all cash,credit card and cell were stolen off but luckily for me is that i still have my passports with me.

I've been to the embassy and the Police here but they're not helping issues at all and my flight leaves in few hours from now but am having problems settling the hotel bills and the hotel manager won't let me leave until i settle the bills,I'm freaked out at the moment.

--...
...--
Dale - WC7S in Wy

1693. RE: [pfr3_group] SAD NEWS!!!

Yahoo group: pfr3_group
Date: 2010-08-30 13:16:09 UTC
From: Paul Feltz
Topic: 1692 Message: 1693

All:
Someone sent this same message about me about 3 months ago. I am Dale is fine and secure at home in Cheyenne. However, it is possible I would have been in the UK making it even more believable to folks. It is a hoax.

72s Paul WA0VDM in Brush, CO

To:
From: daleputnam@...
Date: Mon, 30 Aug 2010 05:22:58 -0700
Subject: [pfr3_group] SAD NEWS!!!

I'm writing this with tears in my eyes,I came down here to London,United Kingdom for a short vacation unfortunately i got mugged at the park of the hotel where i stayed,all cash,credit card and cell were stolen off but luckily for me is that i still have my passports with me.

I've been to the embassy and the Police here but they're not helping issues at all and my flight leaves in few hours from now but am having problems settling the hotel bills and the hotel manager won't let me leave until i settle the bills,I'm freaked out at the moment.

--... ...-- Dale - WC7S in Wy

1694. Re: preparing to start a pfr-3

Yahoo group: pfr3_group
Date: 2010-08-30 16:58:10 UTC
From: aj4yz
Topic: 1672 Message: 1694

went ahead and posted the B.2 version of the plain vanilla pfr-3 manual to the files section. Will continue to do some research prior to diving into the deep end.

>

1695. Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-31 11:22:39 UTC
From: k9jri@att.net
Topic: 1631 Message: 1695

After watching the PFR-3A for a while longer I believe that the only time the band resets is when I am on 20M. Even then it is quite random and only when a tune button is being used.

The voltage at the bottom of R52 measures .212 vdc where the target is .220 vdc. I may change R52 to see what happens with the voltage closer to .220.

Since the other bands seem to be stable this would seem to be a good place to look.

- Mike

--- In pfr3_group@yahoogroups.com, "k9jri@..." <k9jri@...> wrote:
>
> Steve, thanks for the reply. Mine is a PFR-3A and is 2-3 months old. No other problems with its operation.
>
> Another group member (WB6TNL) provided me with the target voltages at the bottom of R52. I have not opened the box to check those yet but I will soon. This was the data from his email to me:
>
> "If yours is the 'a' model, first try re-seating the microprocessor in its socket. Then re- check the solder connections on the processor socket.
>
> On either model, check the voltage at R52 (the end that doesn't have 5 Volts on it). This changes with the bandswitch selection. It must be as follows:
>
> 40: 2.5V
> 30: 1.5V
> 20: .20V (.22 in PFR3A)
>
> If it is off then look for a resistor problem (R30, 31, 32) or bad solder connection in that area (Resistors, bandswitch).
>
> If none of these things solve the problem then email Steve with the problem (he may respond to your posting anyway)."
>
> Do you have any additional things that I should check while I am in the box Steve?
>
> Very 73 - Mike - K9JRI
>
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
> >
> > Yes there is a fix. The problem should be with only orignal PFR-3's not the
> > A version.
> >

> > 1. Make sure the 5V "cut and jump" mod has been done. The 5V from pin 7 of
> > the MEGA48 (U6) should go to pin 20, not pin 21 as wired on the board.
> >
> > 2. Get your firmware updated. This will fix the random band changing and the
> > message memory sending glitch.
> >
> > Steve KD1JV
> >
>

1696. Re: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-31 16:33:33 UTC
From: sigcom@juno.com
Topic: 1631 Message: 1696

Mike,

I would not recommend changing the value of R52 -unless- the voltages are incorrect on all bands -and- in the same 'direction' (low). If the divider voltage is OK on 40 and 30 then I would recommend adjusting the value of R30.

I don't know how critical these voltages are. It would be interesting to know their limits.

73.......Steve Smith WB6TNL

---------- Original Message ----------

After watching the PFR-3A for a while longer I believe that the only time the band resets is when I am on 20M. Even then it is quite random and only when a tune button is being used.

The voltage at the bottom of R52 measures .212 vdc where the target is .220 vdc. I may change R52 to see what happens with the voltage closer to .220.

Since the other bands seem to be stable this would seem to be a good place to look.

- Mike

1697. Re: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-31 17:28:55 UTC
From: Blake Michael
Topic: 1631 Message: 1697

I was not going to change R52. Just the 20M specific divider resistor.

Michael Blake
Sent from my iPhone

On Aug 31, 2010, at 12:33 PM, "sigcom@juno.com" <sigcom@...> wrote:

> Mike,
>
> I would not recommend changing the value of R52 -unless- the voltages are incorrect on all bands -and- in the same 'direction' (low). If the divider voltage is OK on 40 and 30 then I would recommend adjusting the value of R30.
>
> I don't know how critical these voltages are. It would be interesting to know their limits.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
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> After watching the PFR-3A for a while longer I believe that the only time the band resets is when I am on 20M. Even then it is quite random and only when a tune button is being used.
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>
> Since the other bands seem to be stable this would seem to be a good place to look.
>
> - Mike
>
>

1698. Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-31 19:40:25 UTC
From: k9jri@att.net
Topic: 1631 Message: 1698

Steve,

I had to go back and re-read my original post after I returned home from the shooting range :) R30 is certainly the correct resistor and was the resistorI originally intended but I apparently failed to tell my typing fingers :)

Measure at the bottom of R52 but replace R30 to correct the voltage.

Sorry - bout - that :)

73 - Mike - k9JRI

--- In pfr3_group@yahoogroups.com, Blake Michael <k9jri@...> wrote:
>
> I was not going to change R52. Just the 20M specific divider resistor.
>
> Michael Blake
> Sent from my iPhone
>
>
> On Aug 31, 2010, at 12:33 PM, "sigcom@..." <sigcom@...> wrote:
>
> > Mike,
> >
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> >
> > I don't know how critical these voltages are. It would be interesting to know their limits.
> >
> > 73.......Steve Smith WB6TNL
> >
> > ---------- Original Message ----------
> >
> > After watching the PFR-3A for a while longer I believe that the only time the band resets is when I am on 20M. Even then it is quite random and only when a tune button is being used.
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> > The voltage at the bottom of R52 measures .212 vdc where the target is .220 vdc. I may change R52 to see what happens with the voltage closer to .220.
> >
> > Since the other bands seem to be stable this would seem to be a good place to look.
> >
> > - Mike
> >

> >
>

1699. Re: [pfr3_group] Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-08-31 20:55:43 UTC
From: sigcom@juno.com
Topic: 1631 Message: 1699

No apology necessary, Mike. Solving the problem is the most important thing!

Best of luck and keep us posted.

73.......Steve Smith WB6TNL

---------- Original Message ----------
Steve,

I had to go back and re-read my original post after I returned home from the shooting range :) R30 is certainly the correct resistor and was the resistor I originally intended but I apparently failed to tell my typing fingers :)

Measure at the bottom of R52 but replace R30 to correct the voltage.

Sorry - bout - that :)

73 - Mike - k9JRI

1700. Decals

Yahoo group: pfr3_group
Date: 2010-09-04 20:02:23 UTC
From: Andrew
Topic: 1700 Message: 1700

Hello All,

Did my first SOTA activation on the Island of Skye (SI-004)on Friday using a fishing pole 40m dipole and the PRF3 great fun.

SOTA info for anyone that is interested

http://www.sotawatch.org/

which the PRF3 is well suited for.

So question does anybody in the UK have any a complete set of decals spare due to me making a complete mess of them.

Thanks

Andrew GM0UDL

1701. Re: [pfr3_group] Decals

Yahoo group: pfr3_group
Date: 2010-09-05 02:34:47 UTC
From: lahagar1@aol.com
Topic: 1700 Message: 1701

Hi Andrew,

Just worked Scotland on 18MHz. http://www.youtube.com/user/NG9D#p/u/12/nEKBmaBeUJc
Fun with 49m of 20 gauge wire in the trees! Maybe there is hope for cycle 24? By the way, nice antenna farm you have Andrew!!

73, Lynn - NG9D . .

-----Original Message-----
From: Andrew <gm0udl@btinternet.com>
To: pfr3_group@yahoogroups.com
Sent: Sat, Sep 4, 2010 3:02 pm
Subject: [pfr3_group] Decals

Hello All,

Did my first SOTA activation on the Island of Skye (SI-004)on Friday using a fishing pole 40m dipole and the PRF3 great fun.

SOTA info for anyone that is interested

http://www.sotawatch.org/

which the PRF3 is well suited for.

So question does anybody in the UK have any a complete set of decals spare due to me making a complete mess of them.

Thanks

Andrew GM0UDL

1702. RC Car battery pack

Yahoo group: pfr3_group
Date: 2010-09-06 01:32:15 UTC
From: k6mgo@verizon.net
Topic: 1702 Message: 1702

Was wondering if anyone has installed the RC Car battery packs, NiMH 9.6 V, 2200 mH, with the welded tabs, rather than the supplied spring loaded battery case?
Reason I ask, is I had an FT-817nd with the internal battery case, and at 5 watts out, there was almost a 2 volt drop across the battery case. The welded tabs work so much better, you get more of your battery voltage to the rig.

Bill, k6mgo

1703. RE: [pfr3_group] RC Car battery pack

Yahoo group: pfr3_group
Date: 2010-09-06 01:38:37 UTC
From: Dale Putnam
Topic: 1702 Message: 1703

I've had good luck with both types of batteries, however, the welded tab batteries will, over the long run, deliver better in a high vibrations environment. I have had the spring loaded battery cases fail with hi internal resistances, usually caused by foreign material, or simply loose contacts.
I found mine in the bargain corner at the local RS store. Got the batteries and a charger for four bucks.

--... ...-- Dale - WC7S in Wy

1704. Re: RC Car battery pack

Yahoo group: pfr3_group
Date: 2010-09-07 13:34:32 UTC
From: Rich
Topic: 1702 Message: 1704

I took the internal packs out..... I'm using a alarm system battery externally. Im plug it into the external power pack. lasts for days.

I wonder if using RC parts classify it as a mobile ? That's quite the power plant your using. I wonder what it will look like with wheels. ooohhh!

I don't think you can use a key while
in motion though. So now we need 6 meters and a pilot to stay legal.

Rich Ullery NF8V
HTTP://www.KitBuilder.us
nf8v@...

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> Was wondering if anyone has installed the RC Car battery packs, NiMH 9.6 V, 2200 mH, with the welded tabs, rather than the supplied spring loaded battery case?
> Reason I ask, is I had an FT-817nd with the internal battery case, and at 5 watts out, there was almost a 2 volt drop across the battery case. The welded tabs work so much better, you get more of your battery voltage to the rig.
>
> Bill, k6mgo
>

1705. LED missing from kit

Yahoo group: pfr3_group
Date: 2010-09-08 12:43:14 UTC
From: aj4yz
Topic: 1705 Message: 1705

Didn't purchase from Hendricks. Does anyone know the specs off hand? What size and voltage?

1706. Re: Band resets periodically when tuning with the Up or Down buttons

Yahoo group: pfr3_group
Date: 2010-09-09 10:54:55 UTC
From: k9jri@att.net
Topic: 1631 Message: 1706

Some additional observations further cloud the issue. I did have the brief reset happen once on 30M yesterday somewhat removing the value of R30 from the list of suspects. What I have noticed is an apparent "interrupt" or suspension of processing that occurs at seemingly random times. It reminds me very much of the old Microsoft Basic memory cleanup routine that would occur periodically.

What I noticed was that when sending a long 3x3 CQ from memory that one of the characters would be randomly garbled. Not on every CQ and seldom on the same character but nonetheless a random computer glitch that somewhat matches the frequency reset issue. The same in that it is only apparent if you have asked the processor to do something (send from memory or change frequency) and quite random in its timing.

I am not at all familiar with the PIC devices. Do they in fact have periodic "house cleaning" routines like the old "Microsoft Basic" had?

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "sigcom@..." <sigcom@...> wrote:
>
> Mike,
>
> I would not recommend changing the value of R52 -unless- the voltages are incorrect on all bands -and- in the same 'direction' (low). If the divider voltage is OK on 40 and 30 then I would recommend adjusting the value of R30.
>
> I don't know how critical these voltages are. It would be interesting to know their limits.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
>
> After watching the PFR-3A for a while longer I believe that the only time the band resets is when I am on 20M. Even then it is quite random and only when a tune button is being used.
>
> The voltage at the bottom of R52 measures .212 vdc where the target is .220 vdc. I may change R52 to see what happens with the voltage closer to .220.
>
> Since the other bands seem to be stable this would seem to be a good place to look.
>
> - Mike
>

1707. Another PFR-3A On The Air

Yahoo group: pfr3_group
Date: 2010-09-26 02:07:21 UTC
From: gary_steinhour
Topic: 1707 Message: 1707

Hi PFR-3 group. I received my new kit on Wednesday and finished it and made my 1st qso with it on Friday evening. Wonderful radio! I am looking forward to using it for a long time to come. Your experiences and comments here have been instrumental in helping me make the decision to buy or not. Thanks to all. 72 de KF6U.

1708. Re: [pfr3_group] Another PFR-3A On The Air

Yahoo group: pfr3_group
Date: 2010-09-26 15:29:50 UTC
From: pablo kiryluk
Topic: 1707 Message: 1708

Congrats!

2010/9/25 gary_steinhour <garyjane1@...>

>
>
> Hi PFR-3 group. I received my new kit on Wednesday and finished it and
> made my 1st qso with it on Friday evening. Wonderful radio! I am looking
> forward to using it for a long time to come. Your experiences and
> comments here have been instrumental in helping me make the decision to
> buy or not. Thanks to all. 72 de KF6U.
>
>
>

1709. pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 01:52:31 UTC
From: arthur
Topic: 1709 Message: 1709

someone is selling early version pfr3 kits??
whats the diffrence between the early pfr and the latest ones?
the on case paddle seems awfully small and i have large hands
73s k9dta

1710. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 02:44:19 UTC
From: ckwishmeier@cs.com
Topic: 1709 Message: 1710

The paddle was a bit of a challenge to assemble as parts didn't fit well. BUT, it works great. I was surprised and very satisfied with it. I send my CW 25 to 35 wpm with no problems. Sure beats carrying my heavy Vibroplex or Kent to the field.

Keith
WA9S

-----Original Message-----
From: arthur <arthurok@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Sep 27, 2010 9:52 pm
Subject: [pfr3_group] pfr3 kits

someone is selling early version pfr3 kits??
whats the diffrence between the early pfr and the latest ones?
the on case paddle seems awfully small and i have large hands
73s k9dta

1711. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 02:53:08 UTC
From: sigcom@juno.com
Topic: 1709 Message: 1711


```
---------- Original Message ----------
Return-Path: <sentto-22411776-1709-1285638764-sigcom=juno.com@...>
Received: from mx08.vgs.untd.com (mx08.vgs.untd.com [10.181.44.38])
by maildeliver01.vgs.untd.com with SMTP id AABGLCUVQACF85T2
for <sigcom@...> (sender <sentto-22411776-1709-1285638764-sigcom=juno.com@...>);
Mon, 27 Sep 2010 18:52:46 -0700 (PDT)
Authentication-Results: mx08.vgs.untd.com; DKIM=PASS
Received-SPF: None
Received: from n71c.bullet.mail.sp1.yahoo.com (n71c.bullet.mail.sp1.yahoo.com
[98.136.45.70])
by mx08.vgs.untd.com with SMTP id AABGLCUVPA5MSEVJ
for <sigcom@...> (sender <sentto-22411776-1709-1285638764-sigcom=juno.com@...>);
Mon, 27 Sep 2010 18:52:45 -0700 (PDT)
DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed; d=yahoogroups.com; s=lima;
t=1285638765; bh=gLm4v+Zw5vA5F46vMnQb9G547PdLyEx4gmR+y77DvY4=; h=Received:Received:X-Yahoo
-Newman-Id:X-Sender:X-Apparently-To:X-Received:X-Received:X-Received:X-Received:X-Received
:To:Message-ID:User-Agent:X-Mailer:X-Originating-IP:X-Yahoo-Post-IP:From:X-Yahoo-Profile:S
ender:MIME-Version:Mailing-List:Delivered-To:List-Id:Precedence:List-Unsubscribe:Date:Subj
ect:Reply-To:X-Yahoo-Newman-Property:Content-Type:Content-Transfer-Encoding; b=XiJ3IHo11Ju
ZgMJgo4bkQ+/aHL6vemNg3c1q2gCgr7j+CA35vdM9Jttar8X0hI0dUxDHSA/cdvTXFMnBd8dFVXreEdsVb/5eEFu/2
D6r59s879tRraBmgDWN5x3B7g6c
DomainKey-Signature: a=rsa-sha1; q=dns; c=nofws; s=lima; d=yahoogroups.com;
b=LViMHp8lxIPF9W0Xyp3EUtHThnUi7gR2YeYZLgk3BXaP+oIV+Pi302lnyE+tmyPfquew61dwhLpGTRAY5m00kTjZ
28ZJv1VPAGv+mDv258YbSA28Whsi2dUraDjj4xnY;
Received: from [69.147.65.171] by n71.bullet.mail.sp1.yahoo.com with NNFMP; 28 Sep 2010
01:52:45 -0000
Received: from [66.196.94.61] by t13.bullet.mail.sp1.yahoo.com with NNFMP; 28 Sep 2010
01:52:45 -0000
X-Yahoo-Newman-Id: 22411776-m1709
X-Sender: arthurok@...
X-Apparently-To: pfr3_group@yahoogroups.com
X-Received: (qmail 83793 invoked from network); 28 Sep 2010 01:52:34 -0000
X-Received: from unknown (66.196.94.107)
by m11.grp.re1.yahoo.com with QMQP; 28 Sep 2010 01:52:34 -0000
X-Received: from unknown (HELO n46b.bullet.mail.sp1.yahoo.com) (66.163.168.160)
by mta3.grp.re1.yahoo.com with SMTP; 28 Sep 2010 01:52:34 -0000
X-Received: from [69.147.65.172] by n46.bullet.mail.sp1.yahoo.com with NNFMP; 28 Sep 2010
01:52:33 -0000
X-Received: from [98.137.34.184] by t14.bullet.mail.sp1.yahoo.com with NNFMP; 28 Sep 2010
01:52:33 -0000
To: pfr3_group@...m
Message-ID: <i7rhov+h7au@...>
User-Agent: eGroups-EW/0.82
X-Mailer: Yahoo Groups Message Poster
X-Yahoo-Post-IP: 99.140.166.169
```

From: "arthur" <arthurok@...>
X-Yahoo-Profile: arthurok_2000
Sender: pfr3_group@yahoogroups.com
MIME-Version: 1.0
Mailing-List: list pfr3_group@yahoogroups.com; contact pfr3_group-owner@yahoogroups.com
Delivered-To: mailing list pfr3_group@yahoogroups.com
List-Id: <pfr3_group.yahoogroups.com>
Precedence: bulk
List-Unsubscribe: <mailto:pfr3_group-unsubscribe@yahoogroups.com>
Date: Tue, 28 Sep 2010 01:52:31 -0000
Subject: [pfr3_group] pfr3 kits
Reply-To: pfr3_group@yahoogroups.com
X-Yahoo-Newman-Property: groups-email-tradt-m
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
X-UNTD-BodySize: 822
X-UNTD-SPF: None
X-UNTD-DKIM: PASS
X-ContentStamp: 6:3:3086308128
X-MAIL-INFO:061d1d39b591f9b524f991ddd174694d4020302099312d40ed353400958dc4203d399179550954
1d1935e150a114a44460c09001d92901c059f0597571a114c5d1641510d584fd4161c4e485254110fd9011e085
e0a0e5
X-UNTD-Peer-Info: 98.136.45.70|n71c.bullet.mail.sp1.yahoo.com|n71c.bullet.mail.sp1.yahoo.c
om|sentto-22411776-1709-1285638764-sigcom=juno.com@...
X-UNTD-UBE:-1

someone is selling early version pfr3 kits??
whats the diffrence between the early pfr and the latest ones?
the on case paddle seems awfully small and i have large hands
73s k9dta

Yahoo! Groups Links

1712. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 03:32:05 UTC
From: MAXXOUT2@AOL.COM
Topic: 1709 Message: 1712

Not sure but Like any early model rig,even commercial rigs you bound to find some problems but with these simple rigs they can be corrected very easy and you have the support on the list here.
BTW,
You your post came in with a full page of headers.
BOB
AF2Q

In a message dated 9/27/2010 8:27:49 P.M. Pacific Daylight Time, sigcom@... writes:

someone is selling early version pfr3 kits??
whats the diffrence between the early pfr and the latest ones?
the on case paddle seems awfully small and i have large hands
73s k9dta

1713. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 03:27:39 UTC
From: MAXXOUT2@AOL.COM
Topic: 1709 Message: 1713

Good going Keith,
At least any bugs in the rig can be corrected and you do not have to wait for China rig parts.
BOB
AF2Q

In a message dated 9/27/2010 8:10:55 P.M. Pacific Daylight Time, ckwishmeier@... writes:

The paddle was a bit of a challenge to assemble as parts didn't fit well. BUT, it works great. I was surprised and very satisfied with it. I send my CW 25 to 35 wpm with no problems. Sure beats carrying my heavy Vibroplex or Kent to the field.

Keith
WA9S

1714. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 04:06:42 UTC
From: arthurok
Topic: 1709 Message: 1714

im on several other yahoo groups and have never had the large attached header problem
----- Original Message -----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Sent: Monday, September 27, 2010 10:32 PM
Subject: Re: [pfr3_group] pfr3 kits

Not sure but Like any early model rig,even commercial rigs you bound to find some problems but with these simple rigs they can be corrected very easy and you have the support on the list here.
BTW,
You your post came in with a full page of headers.
BOB
AF2Q

In a message dated 9/27/2010 8:27:49 P.M. Pacific Daylight Time, sigcom@... writes:
someone is selling early version pfr3 kits??
whats the diffrence between the early pfr and the latest ones?
the on case paddle seems awfully small and i have large hands
73s k9dta

1715. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 04:21:45 UTC
From: Bob
Topic: 1709 Message: 1715

Not sure what happened because your message was way down at the bottom. Looks like Yahoo barfed up on your post. How do you like the rig? I watched a video and it looks a bit large in size. I had the China 3 band rig but as soon as you started sending on 20 meters power dropped off. So I went for the tt 2 band rig and that just is nothing but the HB1A rig with 30 disabled and it is being sold with some wrong parts but TT will not refund. But they both have one big display. I may go for the 3 band El craft and pay someone to build it up as my soldering days are over. Bob. AF2Q
Sent By the AF2Q PHONE

-----Original Message-----
From: "arthurok" <arthurok@ameritech.net>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 27 Sep 2010 23:06:42
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] pfr3 kits

im on several other yahoo groups and have never had the large attached header problem
----- Original Message -----
From: MAXXOUT2@AOL.COM
To: pfr3_group@yahoogroups.com
Sent: Monday, September 27, 2010 10:32 PM
Subject: Re: [pfr3_group] pfr3 kits

Not sure but Like any early model rig,even commercial rigs you bound to find some problems but with these simple rigs they can be corrected very easy and you have the support on the list here.
BTW,
You your post came in with a full page of headers.
BOB
AF2Q

In a message dated 9/27/2010 8:27:49 P.M. Pacific Daylight Time, sigcom@juno.com writes:
someone is selling early version pfr3 kits??
whats the diffrence between the early pfr and the latest ones?
the on case paddle seems awfully small and i have large hands
73s k9dta

1716. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 05:36:46 UTC
From: arthurok
Topic: 1709 Message: 1716

someone is selling a pfr3 on qth.com
hes asking $300
im into building things and still have a lab so i can easily repair and tune up ham radio and test equipment.
im no tentec fan and have a 20 m tt rig that i have to repair "came smoked but i have most of the parts to repair it "im mostly on 40 m ssb phone"
i dont any qrp rig at the present time except the ten tec that from what i read is junk i did build up a emtech sw40 which i used caseless for a while on my shack bench.
i gave it to a fellow ham who i owed a favor to and he uses it caseless to listen to 40 m transmissions "both ssb and cw"
i believe hendricks is using cases from tentec "they are very good cases"
what was the power level on the 20m cw band using the chinese rig.
i have the emtech tuner which is similar to the hendricks stand alone
and the one built into the pfr3. the pfr3 tuner probably has more compensation range then the elecraft ones from one i read most hams use some sort of external tuner with their rigs.
i like the elecrafts use of subminiture latching relays.
a qrp rig has to be able to tune up a metal bedframe can the kx1 tuner do that
my little emtech can maybe the pfr3 can too
the kx1 fully loaded is a $500 kit "i dont think its worth it"
i believe the pfr3 is an easier build then the elecraft
i read a post that someone is offering prewound toroids for the pfr3.
winding toroids has never been a problem for me.
i believe if you properly wire up a pfr3 the rig should work well when its first powered up.
i dont believe the elecraft is much of a short wave receiver.
i wonder if the pfr3 could be made to receive ssb
i have done this when band conditions were down received ssb and answered using cw "it worked"
remember cw is legal on any ham band regardless of band segment.
"gentlemans agrements " just like lsb below 9 mhz and usb above 9 mhz
the military only uses usb for voice and much surplus military equipment is usb only for voice
i think they use/used lsb for data "mostly rtty"
im planning to sell off some excess ham gear and test equipment and then maybe i will treat myself to a nice qrp rig .

----- Original Message -----
From: Bob
To: pfr3_group@yahoogroups.com
Sent: Monday, September 27, 2010 11:21 PM
Subject: Re: [pfr3_group] pfr3 kits

Not sure what happened because your message was way down at the bottom. Looks like Yahoo barfed up on your post. How do you like the rig? I watched a video and it looks a bit large

in size. I had the China 3 band rig but as soon as you started sending on 20 meters power dropped off. So I went for the tt 2 band rig and that just is nothing but the HB1A rig with 30 disabled and it is being sold with some wrong parts but TT will not refund. But they both have one big display. I may go for the 3 band El craft and pay someone to build it up as my soldering days are over. Bob. AF2Q

Sent By the AF2Q PHONE

From: "arthurok" <arthurok@...>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 27 Sep 2010 23:06:42 -0500
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] pfr3 kits

im on several other yahoo groups and have never had the large attached header problem
----- Original Message -----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Sent: Monday, September 27, 2010 10:32 PM
Subject: Re: [pfr3_group] pfr3 kits

Not sure but Like any early model rig,even commercial rigs you bound to find some problems but with these simple rigs they can be corrected very easy and you have the support on the list here.
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In a message dated 9/27/2010 8:27:49 P.M. Pacific Daylight Time, sigcom@... writes:
someone is selling early version pfr3 kits??
whats the diffrence between the early pfr and the latest ones?
the on case paddle seems awfully small and i have large hands
73s k9dta

1717. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 06:13:27 UTC
From: arthurok
Topic: 1709 Message: 1717

i was just looking at the schematic of the tentec 40/20 rig
the transmitter uses a bipolar output transistor and im sure its quite swr sensitive.
its a very simple design and im not sure how good its variable bandwidth
if filter is "its digitally controlled"
i started in 1969 at age 12 with a heath hw16 cw only transceive that my late father and i built. fount out from other novice hams that i had a much better rig then they did.
they talk about variable selectivity but the shape of the filter might be horrible when you open it up "the emtech is variable selectivity and it needed an audio filter to really be sharp from what i here the pfr3 dosent
i watched a video on you tube and it was sharp with no ringing.
elecraft has had allot of problems with their ssb rigs design and its not simple to align
"the pros use a spectrum analyzer with a tracking generator"
"i have an older tek spectrum analyzer but no tracking generator"

----- Original Message -----
From: arthurok
To: pfr3_group@yahoogroups.com
Sent: Tuesday, September 28, 2010 12:36 AM
Subject: Re: [pfr3_group] pfr3 kits

someone is selling a pfr3 on qth.com
hes asking $300
im into building things and still have a lab so i can easily repair and tune up ham radio and test equipment.
im no tentec fan and have a 20 m tt rig that i have to repair "came smoked but i have most of the parts to repair it "im mostly on 40 m ssb phone"
i dont any qrp rig at the present time except the ten tec that from what i read is junk i did build up a emtech sw40 which i used caseless for a while on my shack bench.
i gave it to a fellow ham who i owed a favor to and he uses it caseless to listen to 40 m transmissions "both ssb and cw"
i believe hendricks is using cases from tentec "they are very good cases"
what was the power level on the 20m cw band using the chinese rig.
i have the emtech tuner which is similar to the hendricks stand alone
and the one built into the pfr3. the pfr3 tuner probably has more compensation range then the elecraft ones from one i read most hams use some sort of external tuner with their rigs.
i like the elecrafts use of subminiture latching relays.
a qrp rig has to be able to tune up a metal bedframe can the kx1 tuner do that
my little emtech can maybe the pfr3 can too
the kx1 fully loaded is a $500 kit "i dont think its worth it"
i believe the pfr3 is an easier build then the elecraft
i read a post that someone is offering prewound toroids for the pfr3.
winding toroids has never been a problem for me.
i believe if you properly wire up a pfr3 the rig should work well when its first powered up.

i dont believe the elecraft is much of a short wave receiver.
i wonder if the pfr3 could be made to receive ssb
i have done this when band conditions were down received ssb and answered using cw "it worked"
remember cw is legal on any ham band regardless of band segment.
"gentlemans agrements " just like lsb below 9 mhz and usb above 9 mhz
the military only uses usb for voice and much surplus military equipment is usb only for voice
i think they use/used lsb for data "mostly rtty"
im planning to sell off some excess ham gear and test equipment and then maybe i will treat myself to a nice qrp rig .

----- Original Message -----
From: Bob
To: pfr3_group@yahoogroups.com
Sent: Monday, September 27, 2010 11:21 PM
Subject: Re: [pfr3_group] pfr3 kits

Not sure what happened because your message was way down at the bottom. Looks like Yahoo barfed up on your post. How do you like the rig? I watched a video and it looks a bit large in size. I had the China 3 band rig but as soon as you started sending on 20 meters power dropped off. So I went for the tt 2 band rig and that just is nothing but the HB1A rig with 30 disabled and it is being sold with some wrong parts but TT will not refund. But they both have one big display. I may go for the 3 band El craft and pay someone to build it up as my soldering days are over. Bob. AF2Q

Sent By the AF2Q PHONE

From: "arthurok" <arthurok@...>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 27 Sep 2010 23:06:42 -0500
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] pfr3 kits

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----- Original Message -----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Sent: Monday, September 27, 2010 10:32 PM
Subject: Re: [pfr3_group] pfr3 kits

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In a message dated 9/27/2010 8:27:49 P.M. Pacific Daylight Time, sigcom@... writes:
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whats the diffrence between the early pfr and the latest ones?
the on case paddle seems awfully small and i have large hands
73s k9dta

1718. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 12:11:01 UTC
From: lahagar1@aol.com
Topic: 1709 Message: 1718

As a lot of you guys who have built this rig already know, it receives on the upper sideband on 40, and the lower sideband on 20m. So don't plan on even casual reception of SSB (filter would be too narrow for than anyway).

The PFR-3 is a very good QRP CW transceiver that produces a full 5W on three bands and has a built-in tuner that matches wide range of antenna impedances. But In my opinion, the main reason the PFR 3 is a better deal that the Chinese HB-1A is that it is a KIT!

If you enjoy kit building and QRP CW, you will DEFINITELY not be disappointed Weber/Hendricks field radio!

73 de NG9D
http://www.youtube.com/user/NG9D

-----Original Message-----
From: arthurok <arthurok@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Sep 28, 2010 12:36 am
Subject: Re: [pfr3_group] pfr3 kits

someone is selling a pfr3 on qth.com
hes asking $300
im into building things and still have a lab so i can easily repair and tune up ham radio and test equipment.
im no tentec fan and have a 20 m tt rig that i have to repair "came smoked but i have most of the parts to repair it "im mostly on 40 m ssb phone"
i dont any qrp rig at the present time except the ten tec that from what i read is junk i did build up a emtech sw40 which i used caseless for a while on my shack bench.
i gave it to a fellow ham who i owed a favor to and he uses it caseless to listen to 40 m transmissions "both ssb and cw"
i believe hendricks is using cases from tentec "they are very good cases"
what was the power level on the 20m cw band using the chinese rig.
i have the emtech tuner which is similar to the hendricks stand alone
and the one built into the pfr3. the pfr3 tuner probably has more compensation range then the elecraft ones from one i read most hams use some sort of external tuner with their rigs.
i like the elecrafts use of subminiture latching relays.
a qrp rig has to be able to tune up a metal bedframe can the kx1 tuner do that
my little emtech can maybe the pfr3 can too
the kx1 fully loaded is a $500 kit "i dont think its worth it"
i believe the pfr3 is an easier build then the elecraft
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"gentlemans agrements " just like lsb below 9 mhz and usb above 9 mhz
the military only uses usb for voice and much surplus military equipment is usb only for voice
i think they use/used lsb for data "mostly rtty"
im planning to sell off some excess ham gear and test equipment and then maybe i will treat myself to a nice qrp rig .

----- Original Message -----
From: Bob
To: pfr3_group@yahoogroups.com
Sent: Monday, September 27, 2010 11:21 PM
Subject: Re: [pfr3_group] pfr3 kits

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Sent By the AF2Q PHONE
From: "arthurok" <arthurok@...>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 27 Sep 2010 23:06:42 -0500
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] pfr3 kits

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----- Original Message -----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Sent: Monday, September 27, 2010 10:32 PM
Subject: Re: [pfr3_group] pfr3 kits

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1719. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 13:33:12 UTC
From: daleputnam@hotmail.com
Topic: 1709 Message: 1719

The main difference between the early and later kits is the glitch in the keying...Some time back Steve offered to exchange the glitches chip for a new one...if you would kindly send the old one back...very generous on Steve's part! The other difference goes to estetics in the first one the case was painted on labels, the later had decals, either look fine, if applied properly. Clear kote does it nicely for both. The radios come out nicely. I have built a number of both of them, either exceed specs. So if you might use a cw rig, nicely packaged and internally battery powered, jump on or just order a PFR3. If you are a vet or disabled building can be had easily.
Oh...and for those that have to have meters wiggle full scale....use the lower scale on your watt meter....that may be the only way you really find out this. is a qrp rig.

Sent from my Verizon Wireless BlackBerry

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From: lahagar1@aol.com
Sender: pfr3_group@yahoogroups.com
Date: Tue, 28 Sep 2010 08:11:01
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
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If you enjoy kit building and QRP CW, you will DEFINITELY not be disappointed Weber/Hendricks field radio!

73 de NG9D
http://www.youtube.com/user/NG9D

-----Original Message-----
From: arthurok <arthurok@ameritech.net>
To: pfr3_group@yahoogroups.com
Sent: Tue, Sep 28, 2010 12:36 am
Subject: Re: [pfr3_group] pfr3 kits

someone is selling a pfr3 on qth.com
hes asking $300
im into building things and still have a lab so i can easily repair and tune up ham radio and test equipment.
im no tentec fan and have a 20 m tt rig that i have to repair "came smoked but i have most of the parts to repair it "im mostly on 40 m ssb phone"

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1720. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 15:52:01 UTC
From: Bob
Topic: 1709 Message: 1720

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Sent By the AF2Q PHONE

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1721. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 16:22:33 UTC
From: daleputnam@hotmail.com
Topic: 1709 Message: 1721

Each kit comes with its own case... And they were checked out...for example I didn't find an issue with the glitch. The change to decals was forced due to a supplier issue
Have a great day
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "Bob" <MAXXOUT2@AOL.COM>
Sender: pfr3_group@yahoogroups.com
Date: Tue, 28 Sep 2010 15:52:01
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] pfr3 kits

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1722. Re: pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 16:32:40 UTC
From: k9jri@att.net
Topic: 1709 Message: 1722

I find that a rather interesting comment Bob. It has been my experience that Icom, Yaesu and Kenwood have many defects that you are never made aware of and are fixed on a later version of the rig.... all at your expense.

I think the kits are well designed and the after sales support is excellent. After all it is an ELECTRONICS hobby and fussing with the equipment is most of the fun.

I have several Hendrick's kits (PFR-3A, BitX20A, NADC-40, Weber Dual Bander, dummy load) and none were perfect. They were less troublesome than my IC-718, IC-706, IC-706MKII and IC-706 MKIIG though and I have been able to correct issues myself.

In general QRP is not a "Store Bought" phase of a very diverse hobby.

Oh yes, in the "old days" I built over 40 Heathkit rigs and all required some type of follow-up work or self designed modification. It would have been quite boring without any problems.

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "Bob" <MAXXOUT2@...> wrote:
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1723. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 18:11:38 UTC
From: Steve Miller
Topic: 1709 Message: 1723

I built two and both worked fine. Steve N0SM

At 10:52 AM 9/28/2010, you wrote:

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i think they use/used lsb for data ";mostly rtty"
im planning to sell off some excess ham gear and test equipment and then maybe i will treat myself to a nice qrp rig .

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From: Bob
To: pfr3_group@yahoogroups.com
Sent: Monday, September 27, 2010 11:21 PM
Subject: Re: [pfr3_group] pfr3 kits

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Sender: pfr3_group@yahoogroups.com
Date: Mon, 27 Sep 2010 23:06:42 -0500
To: < pfr3_group@yahoogroups.com>
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From: MAXXOUT2@...M
To: pfr3_group@yahoogroups.com
Sent: Monday, September 27, 2010 10:32 PM
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whats the diffrence ; between the early pfr and the latest ones?
the on case paddle seems awfully small and i have large hands
73s k9dta

1724. Re: [pfr3_group] Re: pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 18:59:32 UTC
From: Bob
Topic: 1709 Message: 1724

You are wrong because I said several times that even commercial built rigs are full of problems. However when a person designs a rig and sells it on the market with a known issue,that isn't right. The first run of the china rig wasn't to bad because the kits had through hole parts that most were able to replace. Now TT has the 2 band rig with 30 meters disabled but still using some of the parts that should not be in that rig. Some hams yelled loud enough and received a refund. However kits like the older SST and the NC-20 after so many years never put out a kit with parts to correct the problems they had but the SWxx kits Dave Benson sells seems to be bug free and does just what it's supposed to do. I can't speak for the pfr-3 because I never even saw one but I have read many post about the problems but most were issues with the tuner. Bob AF2Q
Sent By the AF2Q PHONE

-----Original Message-----
From: "k9jri@att.net" <k9jri@mac.com>
Sender: pfr3_group@yahoogroups.com
Date: Tue, 28 Sep 2010 16:32:40
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: pfr3 kits

I find that a rather interesting comment Bob. It has been my experience that Icom, Yaesu and Kenwood have many defects that you are never made aware of and are fixed on a later version of the rig.... all at your expense.

I think the kits are well designed and the after sales support is excellent. After all it is an ELECTRONICS hobby and fussing with the equipment is most of the fun.

I have several Hendrick's kits (PFR-3A, BitX20A, NADC-40, Weber Dual Bander, dummy load) and none were perfect. They were less troublesome than my IC-718, IC-706, IC-706MKII and IC-706 MKIIG though and I have been able to correct issues myself.

In general QRP is not a "Store Bought" phase of a very diverse hobby.

Oh yes, in the "old days" I built over 40 Heathkit rigs and all required some type of follow-up work or self designed modification. It would have been quite boring without any problems.

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "Bob" <MAXXOUT2@...> wrote:
>
> Shouldn't these kits be checked out for proper operation before they start selling them? I really don't want to be a beta tester then be told I need to remove parts then replace them with upgraded parts. Bob AF2Q
> Sent By the AF2Q PHONE

Yahoo! Groups Links

1725. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 18:23:09 UTC
From: Bob
Topic: 1709 Message: 1725

Yes some have Had no problems. So if you built up 2 and they worked fine,how come so many others had problems? Bob
Sent By the AF2Q PHONE

1726. Re: pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 19:19:41 UTC
From: k9jri@att.net
Topic: 1709 Message: 1726

Bob, While this was not directed to me I should clarify my previous post. My Bitx20A, NADC-40, PFR-3A and Weber Dual Bander all worked fine on the first try. I did not consider them 100% as there were some documentation errors that I was able to avoid by comparison to the schematics, as well as some incorrect parts received that were replaced from my parts bins and alignment procedures that I did not find too clear.

There are also features that I would have changed and circuits that I have modified but all worked well on the first shot.

I believe than some kits do not work as a result of the lack of experience on the part of the builder in reading a schematic and/or understanding how the circuit should work. Many testing questions have been posted that would not have been an issue if the person had any basic trouble shooting skills.

Experience can only be gained by getting in there and learning through successes and mistakes. The problems encountered are not necessarily a fault of the kit as much as a mismatch between the complexity of the kit and the knowledge and experience level of the builder.

The Ten Tec's that you mentioned are not kits and I agree that they should not have obvious issues which they seem to have.

I am not trying to be defensive or judgmental but most of the problems you see on the groups are user/builder issues more than kit issues. Fewer people sign up for the groups that are 100% happy and have no questions than those that have encountered problems and are seeking trouble shooting assistance. This somewhat distort the issue of quality.

Very 73 Bob from Mike - K9JRI

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1727. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 21:37:29 UTC
From: ckwishmeier@cs.com
Topic: 1709 Message: 1727

It's pretty darn easy to replace the chip. Just unplug it. That fixed the keying issue. Heck I started building Heathkits in the 60's and even they had an occasional component defect.
These are basically hand assembled kits by a small ham-oriented operation with incredible follow-up throughout the assembly procedure. My PFR-3A has become my favorite radio in the shack as well as out in the field. And I am comparing it to my Yaesu FT-817, FT-747, TenTec Omni Vi+, Heath SB-104, Heath SB-201 and Heath HW-8!

Keith
WA9S

-----Original Message-----
From: Bob <MAXXOUT2@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Sep 28, 2010 11:52 am
Subject: Re: [pfr3_group] pfr3 kits

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From: daleputnam@...
Sender: pfr3_group@yahoogroups.com
Date: Tue, 28 Sep 2010 13:33:12 +0000
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] pfr3 kits

The main difference between the early and later kits is the glitch in the keying...Some time back Steve offered to exchange the glitches chip for a new one...if you would kindly send the old one back...very generous on Steve's part! The other difference goes to estetics in the first one the case was painted on labels, the later had decals, either look fine, if applied properly. Clear kote does it nicely for both. The radios come out nicely. I have built a number of both of them, either exceed specs. So if you might use a cw rig, nicely packaged and internally battery powered, jump on or just order a PFR3. If you are a vet or disabled building can be had easily.
Oh...and for those that have to have meters wiggle full scale....use the lower scale on your watt meter....that may be the only way you really find out this. is a qrp rig.

Sent from my Verizon Wireless BlackBerry
From: lahagar1@...
Sender: pfr3_group@yahoogroups.com
Date: Tue, 28 Sep 2010 08:11:01 -0400
To: <pfr3_group@yahoogroups.com>
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If you enjoy kit building and QRP CW, you will DEFINITELY not be disappointed Weber/Hendricks field radio!

73 de NG9D
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From: arthurok <arthurok@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Sep 28, 2010 12:36 am
Subject: Re: [pfr3_group] pfr3 kits

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1728. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 21:47:43 UTC
From: ckwishmeier@cs.com
Topic: 1709 Message: 1728

Typo correction. That is a Heathkit SB-102, not 201. Of course I also have the SB-200 linear. Been at this hobby 50 years!

Keith
WA9S

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Sent: Tue, Sep 28, 2010 5:37 pm
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the on case paddle seems awfully small and i have large hands
73s k9dta

It's pretty darn easy to replace the chip. Just unplug it. That fixed the keying issue. Heck I started building Heathkits in the 60's and even they had an occasional component defect.
These are basically hand assembled kits by a small ham-oriented operation with incredible follow-up throughout the assembly procedure. My PFR-3A has become my favorite radio in the shack as well as out in the field. And I am comparing it to my Yaesu FT-817, FT-747, TenTec Omni Vi+, Heath SB-104, Heath SB-201 and Heath HW-8!

Keith
WA9S

-----Original Message-----
From: Bob <MAXXOUT2@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Sep 28, 2010 11:52 am
Subject: Re: [pfr3_group] pfr3 kits

Shouldn't these kits be checked out for proper operation before they start selling them? I really don't want to be a beta tester then be told I need to remove parts then replace them with upgraded parts. Bob AF2Q
Sent By the AF2Q PHONE
From: daleputnam@...
Sender: pfr3_group@yahoogroups.com
Date: Tue, 28 Sep 2010 13:33:12 +0000
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] pfr3 kits

The main difference between the early and later kits is the glitch in the keying...Some time back Steve offered to exchange the glitches chip for a new one...if you would kindly send the old one back...very generous on Steve's part! The other difference goes to estetics in the first one the case was painted on labels, the later had decals, either look fine, if applied properly. Clear kote does it nicely for both. The radios come out nicely. I have built a number of both of them, either exceed specs. So if you might use a cw rig, nicely packaged and internally battery powered, jump on or just order a PFR3. If you are a vet or disabled building can be had easily.
Oh...and for those that have to have meters wiggle full scale....use the lower scale on your watt meter....that may be the only way you really find out this. is a qrp rig.

Sent from my Verizon Wireless BlackBerry
From: lahagar1@...m
Sender: pfr3_group@yahoogroups.com
Date: Tue, 28 Sep 2010 08:11:01 -0400
To: <pfr3_group@yahoogroups.com>

ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] pfr3 kits

As a lot of you guys who have built this rig already know, it receives on the upper sideband on 40, and the lower sideband on 20m. So don't plan on even casual reception of SSB (filter would be too narrow for than anyway).

The PFR-3 is a very good QRP CW transceiver that produces a full 5W on three bands and has a built-in tuner that matches wide range of antenna impedances. But In my opinion, the main reason the PFR 3 is a better deal that the Chinese HB-1A is that it is a KIT!

If you enjoy kit building and QRP CW, you will DEFINITELY not be disappointed Weber/Hendricks field radio!

73 de NG9D
http://www.youtube.com/user/NG9D

-----Original Message-----
From: arthurok <arthurok@ameritech.net>
To: pfr3_group@yahoogroups.com
Sent: Tue, Sep 28, 2010 12:36 am
Subject: Re: [pfr3_group] pfr3 kits

someone is selling a pfr3 on qth.com
hes asking $300
im into building things and still have a lab so i can easily repair and tune up ham radio and test equipment.
im no tentec fan and have a 20 m tt rig that i have to repair "came smoked but i have most of the parts to repair it "im mostly on 40 m ssb phone"
i dont any qrp rig at the present time except the ten tec that from what i read is junk i did build up a emtech sw40 which i used caseless for a while on my shack bench.
i gave it to a fellow ham who i owed a favor to and he uses it caseless to listen to 40 m transmissions "both ssb and cw"
i believe hendricks is using cases from tentec "they are very good cases"
what was the power level on the 20m cw band using the chinese rig.
i have the emtech tuner which is similar to the hendricks stand alone
and the one built into the pfr3. the pfr3 tuner probably has more compensation range then the elecraft ones from one i read most hams use some sort of external tuner with their rigs.
i like the elecrafts use of subminiture latching relays.
a qrp rig has to be able to tune up a metal bedframe can the kx1 tuner do that
my little emtech can maybe the pfr3 can too
the kx1 fully loaded is a $500 kit "i dont think its worth it"
i believe the pfr3 is an easier build then the elecraft
i read a post that someone is offering prewound toroids for the pfr3.
winding toroids has never been a problem for me.
i believe if you properly wire up a pfr3 the rig should work well when its first powered up.
i dont believe the elecraft is much of a short wave receiver.
i wonder if the pfr3 could be made to receive ssb
i have done this when band conditions were down received ssb and answered using cw "it worked"

remember cw is legal on any ham band regardless of band segment.
"gentlemans agrements " just like lsb below 9 mhz and usb above 9 mhz
the military only uses usb for voice and much surplus military equipment is usb only for voice
i think they use/used lsb for data "mostly rtty"
im planning to sell off some excess ham gear and test equipment and then maybe i will treat myself to a nice qrp rig .

----- Original Message -----
From: Bob
To: pfr3_group@yahoogroups.com
Sent: Monday, September 27, 2010 11:21 PM
Subject: Re: [pfr3_group] pfr3 kits

Not sure what happened because your message was way down at the bottom. Looks like Yahoo barfed up on your post. How do you like the rig? I watched a video and it looks a bit large in size. I had the China 3 band rig but as soon as you started sending on 20 meters power dropped off. So I went for the tt 2 band rig and that just is nothing but the HB1A rig with 30 disabled and it is being sold with some wrong parts but TT will not refund. But they both have one big display. I may go for the 3 band El craft and pay someone to build it up as my soldering days are over. Bob. AF2Q
Sent By the AF2Q PHONE
From: "arthurok" <arthurok@...>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 27 Sep 2010 23:06:42 -0500
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] pfr3 kits

im on several other yahoo groups and have never had the large attached header problem

----- Original Message -----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Sent: Monday, September 27, 2010 10:32 PM
Subject: Re: [pfr3_group] pfr3 kits

Not sure but Like any early model rig,even commercial rigs you bound to find some problems but with these simple rigs they can be corrected very easy and you have the support on the list here.
BTW,
You your post came in with a full page of headers.
BOB
AF2Q

In a message dated 9/27/2010 8:27:49 P.M. Pacific Daylight Time, sigcom@... writes:
someone is selling early version pfr3 kits??
whats the diffrence between the early pfr and the latest ones?
the on case paddle seems awfully small and i have large hands
73s k9dta

1729. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 22:13:17 UTC
From: MAXXOUT2@AOL.COM
Topic: 1709 Message: 1729

Some are soldered in:-)
I built up several HW-8 rigs and a HW-9,SW kits the Red Hot 20 and 40 rigs and never had problems.
Maybe these tiny parts that you can just about see with the naked eye change value from heat when their mounted on the board?
Well like I said I never saw a PRF-3 other then pictures but Ten Tec is selling that China dual bander with known issues and that is not right.
There is even a warning not to purchase the HB1A rig on Eham because of some wrong part.
Read this post on Eham
http://www.eham.net/reviews/detail/8263?page=2
(http://www.eham.net/reviews/detail/8263?page=2)
This may not apply to the Ten Tec rig but the Ten Tec rig does have keying issues with external keyers.
Since Ten Tec is selling the radio I fell it's their obligation to put a fix on the problem but their selling then with the known issues.
BOB
AF2Q

In a message dated 9/28/2010 2:48:26 P.M. Pacific Daylight Time, ckwishmeier@... writes:

It's pretty darn easy to replace the chip. Just unplug it. That fixed the keying issue. Heck I started building Heathkits in the 60's and even they had an occasional component defect.

1730. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 22:48:58 UTC
From: lahagar1@aol.com
Topic: 1709 Message: 1730

Hi Bob,

In my earlier post I meant to say I had the version "A" kit: PFR-3A, and I don't have any complaints with its operation.

If you would like to see one demonstrated on all three bands 40, 30 and 20m, with several different types of antennas (coax fed loop, end fed wire and parallel wire fed doublet) see http://www.youtube.com/user/NG9D

These videos also show the assembly process from taking inventory, building the receiver through transmitter assembly and testing. All the tiny SMD (Surface Mount Device) parts come pre-assembled. The rest of the kit is very easy to assemble. The videos are the best way I know how to show you what a super little rig this is.

If you are a CW operator who also enjoys building kits, I am pretty sure you would appreciate both building and using it! The PFR-3A for its set of unique features that I don't think is exactly matched by any "store-bought" QRP transceiver. The wide impedance range tuner is one of its best attributes, in my opinion. Try one, I'm sure you will like it!!

73,
Lynn
NG9D

-----Original Message-----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Sent: Tue, Sep 28, 2010 5:13 pm
Subject: Re: [pfr3_group] pfr3 kits

Some are soldered in:-)
I built up several HW-8 rigs and a HW-9,SW kits the Red Hot 20 and 40 rigs and never had problems.
Maybe these tiny parts that you can just about see with the naked eye change value from heat when their mounted on the board?
Well like I said I never saw a PRF-3 other then pictures but Ten Tec is selling that China dual bander with known issues and that is not right.
There is even a warning not to purchase the HB1A rig on Eham because of some wrong part.
Read this post on Eham
http://www.eham.net/reviews/detail/8263?page=2
This may not apply to the Ten Tec rig but the Ten Tec rig does have keying issues with external keyers.
Since Ten Tec is selling the radio I fell it's their obligation to put a fix on the problem but their selling then with the known issues.
BOB
AF2Q

In a message dated 9/28/2010 2:48:26 P.M. Pacific Daylight Time, ckwishmeier@... writes:

It's pretty darn easy to replace the chip. Just unplug it. That fixed the keying issue. Heck I started building Heathkits in the 60's and even they had an occasional component defect.

1731. Re: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-28 23:44:00 UTC
From: Bob
Topic: 1709 Message: 1731

Hi lynn, I never had that rig and never even knew there was a newer version. My gripes (and they should not be on this list) are about the Ten Tec dual band being sold,built with known issues. As far as building one now would be difficult for me due to a small stroke about 3 years ago so soldering for me is now history except for some small items like the PICO keyer. I did get the NE/scaf filter but had to get another person to put that together for me. I have dial up but later will watch that video. Thanks for responding. 72 Bob AF2Q Sent By the AF2Q PHONE

-----Original Message-----
From: lahagar1@aol.com
Sender: pfr3_group@yahoogroups.com
Date: Tue, 28 Sep 2010 18:48:58
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] pfr3 kits

Hi Bob,

In my earlier post I meant to say I had the version "A" kit: PFR-3A, and I don't have any complaints with its operation.

If you would like to see one demonstrated on all three bands 40, 30 and 20m, with several different types of antennas (coax fed loop, end fed wire and parallel wire fed doublet) see http://www.youtube.com/user/NG9D

These videos also show the assembly process from taking inventory, building the receiver through transmitter assembly and testing. All the tiny SMD (Surface Mount Device) parts come pre-assembled. The rest of the kit is very easy to assemble. The videos are the best way I know how to show you what a super little rig this is.

If you are a CW operator who also enjoys building kits, I am pretty sure you would appreciate both building and using it! The PFR-3A for its set of unique features that I don't think is exactly matched by any "store-bought" QRP transceiver. The wide impedance range tuner is one of its best attributes, in my opinion. Try one, I'm sure you will like it!!

73,
Lynn
NG9D

-----Original Message-----
From: MAXXOUT2@AOL.COM
To: pfr3_group@yahoogroups.com
Sent: Tue, Sep 28, 2010 5:13 pm
Subject: Re: [pfr3_group] pfr3 kits

Some are soldered in:-)
I built up several HW-8 rigs and a HW-9,SW kits the Red Hot 20 and 40 rigs and never had problems.
Maybe these tiny parts that you can just about see with the naked eye change value from heat when their mounted on the board?
Well like I said I never saw a PRF-3 other then pictures but Ten Tec is selling that China dual bander with known issues and that is not right.
There is even a warning not to purchase the HB1A rig on Eham because of some wrong part.
Read this post on Eham
http://www.eham.net/reviews/detail/8263?page=2
This may not apply to the Ten Tec rig but the Ten Tec rig does have keying issues with external keyers.
Since Ten Tec is selling the radio I fell it's their obligation to put a fix on the problem but their selling then with the known issues.
BOB
AF2Q

In a message dated 9/28/2010 2:48:26 P.M. Pacific Daylight Time, ckwishmeier@cs.com writes:

It's pretty darn easy to replace the chip. Just unplug it. That fixed the keying issue. Heck I started building Heathkits in the 60's and even they had an occasional component defect.

1732. RE: [pfr3_group] pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-29 00:28:08 UTC
From: Dale Putnam
Topic: 1709 Message: 1732

Hi Bob, and group,
I really have a problem when circuits that aren't correct... aren't corrected until the customer gets the problem in hand... then is expected to make the correction. That hasn't happened with either the AT radios, or the Doug Hendricks radios, specifically, the ATII, III, 3 or 3b1 or the PRF3a or 3b, as previously noted.
My offer to the vets or or those that can't, still stands, you buy, I'll build it. No problem.. you're out the cost of shipping. I'll garuntee the radio to meet or exceed published specs, and I provide a spec sheet stating so... with traceablility directly to the National Bureau of Standards - Boulder.
I have never had one of the radios not meet specs. Have had one do DXCC already, on a long wire antenna, and a number of them are being used in the Fox and Coon Hunts.
It is pretty reasonable that negative comments are held for those radios that I have had direct experience with... therefore, it stops here.
Oh.. and one thing more.. if you built one of the radios that are mentioned above, and either can't get it to work, or would like it optimized, I will make it work and also do the specs. The warrenty may be shortend a bit from the year or more. This is not in any fashion to be considered competitive to either Steve Weber or Doug Hendricks repair efforts. They do quite a nice job.

Now, back to makin smoke,
Have a great day,

--... ...-- Dale - WC7S in Wy

1733. Re: [pfr3_group] Re: pfr3 kits

Yahoo group: pfr3_group
Date: 2010-09-29 03:04:05 UTC
From: arthurok
Topic: 1709 Message: 1733

a common problem issue are toroids wound with the wrong number of turns
, wrong wire gage, bad soldering of the enameled wire, windings out of phase too.

----- Original Message -----
From: k9jri@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, September 28, 2010 2:19 PM
Subject: [pfr3_group] Re: pfr3 kits

Bob, While this was not directed to me I should clarify my previous post. My Bitx20A, NADC-40, PFR-3A and Weber Dual Bander all worked fine on the first try. I did not consider them 100% as there were some documentation errors that I was able to avoid by comparison to the schematics, as well as some incorrect parts received that were replaced from my parts bins and alignment procedures that I did not find too clear.

There are also features that I would have changed and circuits that I have modified but all worked well on the first shot.

I believe than some kits do not work as a result of the lack of experience on the part of the builder in reading a schematic and/or understanding how the circuit should work. Many testing questions have been posted that would not have been an issue if the person had any basic trouble shooting skills.

Experience can only be gained by getting in there and learning through successes and mistakes. The problems encountered are not necessarily a fault of the kit as much as a mismatch between the complexity of the kit and the knowledge and experience level of the builder.

The Ten Tec's that you mentioned are not kits and I agree that they should not have obvious issues which they seem to have.

I am not trying to be defensive or judgmental but most of the problems you see on the groups are user/builder issues more than kit issues. Fewer people sign up for the groups that are 100% happy and have no questions than those that have encountered problems and are seeking trouble shooting assistance. This somewhat distort the issue of quality.

Very 73 Bob from Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "Bob" <MAXXOUT2@...> wrote:
>
> Yes some have Had no problems. So if you built up 2 and they worked fine,how come so many others had problems? Bob
> Sent By the AF2Q PHONE
>

1734. pfr3 compared to others in its "class"

Yahoo group: pfr3_group
Date: 2010-09-29 03:18:27 UTC
From: arthur
Topic: 1734 Message: 1734

has anyone compared the pfr3 to others in its class like
the k1, and kx1 .
the pfr3 has an unusual transmitter circuit.
its actually similar to my hp 8640 b signal generator.
"square waves low pass filtered to sine waves"
"ive never seen it done before in a ham rig"
he says spurious is 50 db down too.
thats how he is able to generate 5 watts with 3 little mosfets in parallel.
the ten tec rig lifted allot of techniques from us
"typical chinese approach"

1735. Re: [pfr3_group] pfr3 compared to others in its "class"

Yahoo group: pfr3_group
Date: 2010-09-29 14:32:07 UTC
From: ckwishmeier@cs.com
Topic: 1734 Message: 1735

I used a KX-1 for about six months and for the most part was not satisfied. My primary gripe was that it was almost a double sideband receiver. On signals of moderate strength or higher I could always hear the other sideband. Also narrowing the filter changed the "S" meter readings. Changing keyer speeds was a bit time consuming. The side mounted paddle was of the capacity touch type which I was not able to get used to.

On the other hand, it was nice that it could receive sideband very well as well as zero beat AM stations. Also the automatic antenna tuner was great. Except for the occasional band "jump" and return, my PFR-3A performs perfectly. The manual tuner will tune anything with a little patience and practice. Changing keyer speed is a snap while on the fly. Receiver filtering is excellent. General operation is quite intuitive. I enjoyed building it!

Keith
WA9S

-----Original Message-----
From: arthur <arthurok@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Sep 28, 2010 11:18 pm
Subject: [pfr3_group] pfr3 compared to others in its "class"

has anyone compared the pfr3 to others in its class like
the k1, and kx1 .
the pfr3 has an unusual transmitter circuit.
its actually similar to my hp 8640 b signal generator.
"square waves low pass filtered to sine waves"
"ive never seen it done before in a ham rig"
he says spurious is 50 db down too.
thats how he is able to generate 5 watts with 3 little mosfets in parallel.
the ten tec rig lifted allot of techniques from us
"typical chinese approach"

1736. Re:pfr3 compared to others in its "class"

Yahoo group: pfr3_group
Date: 2010-09-29 20:38:18 UTC
From: Petr Ourednik
Topic: 1734 Message: 1736

Hi,

if You want to support illegal copying of an American gears then
purchase
some HB...etc. but believe me the good choice is PFR-3. It's not needed
to pay for overpriced similar products from US or support the Chineze
riceboxes.
Forget the new TT as it comes to be just Chineze dealer.
I am not PFR-3 owner and I have no affiliation to Steve Weber > just
personal
opinion in 2cents words...

73 - Petr, OK1RP

1737. Re: pfr3 compared to others in its "class"

Yahoo group: pfr3_group
Date: 2010-09-29 22:16:37 UTC
From: k9jri@att.net
Topic: 1734 Message: 1737

I have not used the Elecraft but I do own both The PFR-3A and the Weber Dual Bander. These two rigs share almost identical designs.

I looked at the Elecraft KX1's design in pretty good detail prior to making the decision to purchase the Weber designed PFR-3A and then the Weber Dual Bander for 17M & 15M.

My reasons were as follows:

1. The KX1 and the PFR-3A receivers are quite similar in design but the PFR-3A has a double tuned front end while the KX1is single tuned.

2. The PFR-3a has a 4 crystal, fixed bandwidth, crystal filter while the KX1 has a 3 crystal, variable bandwidth crystal filter. The skirts on the PFR-3A's filter should be much sharper.

3. The PFR-3A has a 2 stage active audio filter peaked for a good CW receive frequency (700 Hz. or so) while the KX1 has no bandwidth filters other than the 3 crystal filter.

4. The KX1 and the PFR-3A both have a simple form of AGC. The PFR-3A reduces the signal by controlling the signal level right at the front end while the KX1 applies an AGC bias to pin 2 of the product detector chip. The chip manufacturer's data sheet says that no external bias should be applied to that pin. Why??? I do not know.

5. I found no differences in the transmitters that bothered me but the antenna tuners are a BIG difference. The KX1 has a very limited range automatic tuner that adds considerable cost while the PFR-3A's tuner is standard, very wide range, provides both balanced and unbalanced connections and has a very easy to use SWR indicator.

6. My impression, from reading the KX1's manual was that the software in the PFR-3A is easier to use. That is quite subjective and is probably a draw after you become familar with either.

Those were the reasons that I purchased the PFR-3A and a couple of months later purchasing the Weber Dual Bander to have basically the same radio, minus tuner, for 17M & 15M.

I hope this helps

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "arthur" <arthurok@...> wrote:
>
> has anyone compared the pfr3 to others in its class like
> the k1, and kx1 .

1738. Receiver problems

Yahoo group: pfr3_group
Date: 2010-09-30 00:10:39 UTC
From: bwmiller262
Topic: 1738 Message: 1738

I recently finished putting my PFR-3 together. It was a lot of fun but I seem to be having problems receiving. Doing A/B testing with the same antenna--a 100' dipole at 30' tuned through a Palstar tuner--comparing my new PFR-3 and my trusty old IC-756 Pro II, I have found that a 577 signal on the Icom are barely discernable on the PFR-3. Anything weaker is completely lost to the PFR-3. A strong signal does comes through, but only a very strong one.

Any suggestions will be greatly appreciated.

73,
Bruce, K7EY

1739. Re: [pfr3_group] Receiver problems

Yahoo group: pfr3_group
Date: 2010-09-30 01:13:58 UTC
From: sigcom@juno.com
Topic: 1738 Message: 1739

Hi Bob,

A numb receiver could be caused by a number of things. To narrow down the problem:

Do you have the problem on all bands? Does the preselector reach a peak? How is the transmitter? Do you have proper p/out on all bands?

73.......Steve Smith WB6TNL

---------- Original Message ----------

I recently finished putting my PFR-3 together. It was a lot of fun but I seem to be having problems receiving. Doing A/B testing with the same antenna--a 100' dipole at 30' tuned through a Palstar tuner--comparing my new PFR-3 and my trusty old IC-756 Pro II, I have found that a 577 signal on the Icom are barely discernable on the PFR-3. Anything weaker is completely lost to the PFR-3. A strong signal does comes through, but only a very strong one.

Any suggestions will be greatly appreciated.

73,
Bruce, K7EY

1740. Re: [pfr3_group] pfr3 compared to others in its "class"

Yahoo group: pfr3_group
Date: 2010-09-30 02:08:22 UTC
From: arthurok
Topic: 1734 Message: 1740

i dont like capacitive paddles either.
i dont believe the elecraft tuner has a very wide range
i read some reviews on eham and some of the operators are using mfj tuners
or the zdg autotuner.
my little emtech tuner is of similar design to the pfr3 tuner and will also match almost everything "dosent have a high / low impedance setting like the hendricks tuner hendricks has stand alone qrp tuners that are quite nice too.

----- Original Message -----
From: ckwishmeier@...
To: pfr3_group@yahoogroups.com
Sent: Wednesday, September 29, 2010 9:32 AM
Subject: Re: [pfr3_group] pfr3 compared to others in its "class"

I used a KX-1 for about six months and for the most part was not satisfied. My primary gripe was that it was almost a double sideband receiver. On signals of moderate strength or higher I could always hear the other sideband. Also narrowing the filter changed the "S" meter readings. Changing keyer speeds was a bit time consuming. The side mounted paddle was of the capacity touch type which I was not able to get used to.

On the other hand, it was nice that it could receive sideband very well as well as zero beat AM stations. Also the automatic antenna tuner was great. Except for the occasional band "jump" and return, my PFR-3A performs perfectly. The manual tuner will tune anything with a little patience and practice. Changing keyer speed is a snap while on the fly. Receiver filtering is excellent. General operation is quite intuitive. I enjoyed building it!

Keith
WA9S

-----Original Message-----
From: arthur <arthurok@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Sep 28, 2010 11:18 pm
Subject: [pfr3_group] pfr3 compared to others in its "class"

has anyone compared the pfr3 to others in its class like
the k1, and kx1 .
the pfr3 has an unusual transmitter circuit.
its actually similar to my hp 8640 b signal generator.
"square waves low pass filtered to sine waves"
"ive never seen it done before in a ham rig"
he says spurious is 50 db down too.
thats how he is able to generate 5 watts with 3 little mosfets in parallel.
the ten tec rig lifted allot of techniques from us
"typical chinese approach"

1741. Receiver problems

Yahoo group: pfr3_group
Date: 2010-09-30 02:04:52 UTC
From: Steven Weber
Topic: 1738 Message: 1741

99 out of 100 times poor receive sensitivity is due to having the input and output (link and secondary windings) of T1 misplaced. If you can't find a peak in signal strength using the Rx input tuning control, that is the problem.

The 1 out of 100 problem is shorted 2N7000 QSK transistors.

There are two ways to solve this (T1) problem.
1. make sure the winding are connected properly
2. Eliminate the link winding entirely. I have discovered that is possible to drive the ground end of the tuned secondary winding direct from the QSK switch and 51 ohm load resistor (which is now the ground return). So, you can eliminate the 5 turn link winding and connect the main winding across the two T1 pads which are not ground.

There might be a slight reduction in sensitivity doing it this way, but without a calibrated uV signal generator, you'll never notice it.

Steve KD1JV

1742. Re: [pfr3_group] Receiver problems

Yahoo group: pfr3_group
Date: 2010-09-30 02:31:59 UTC
From: arthurok
Topic: 1738 Message: 1742

im assuming you are using the coax input so as to bypass the internal tuner?
do you get any output from the transmitter??
you might have a bad solder connection to one of the hand wound toroids.

----- Original Message -----
From: bwmiller262
To: pfr3_group@yahoogroups.com
Sent: Wednesday, September 29, 2010 7:10 PM
Subject: [pfr3_group] Receiver problems

I recently finished putting my PFR-3 together. It was a lot of fun but I seem to be having problems receiving. Doing A/B testing with the same antenna--a 100' dipole at 30' tuned through a Palstar tuner--comparing my new PFR-3 and my trusty old IC-756 Pro II, I have found that a 577 signal on the Icom are barely discernable on the PFR-3. Anything weaker is completely lost to the PFR-3. A strong signal does comes through, but only a very strong one.

Any suggestions will be greatly appreciated.

73,
Bruce, K7EY

1743. Re: [pfr3_group] Re: pfr3 compared to others in its "class"

Yahoo group: pfr3_group
Date: 2010-09-30 02:40:28 UTC
From: arthurok
Topic: 1734 Message: 1743

the pfr3 xmitter is quite unusual "class d" and its low spurious output
is amazing Mr.. Weber says that the xmitter has 70% efficiency
you've done an excellent job reviewing the pfr3 sir
it looks that im going the hendricks route.
tnx 73s
k9dta chicago

----- Original Message -----
From: k9jri@...
To: pfr3_group@yahoogroups.com
Sent: Wednesday, September 29, 2010 5:16 PM
Subject: [pfr3_group] Re: pfr3 compared to others in its "class"

I have not used the Elecraft but I do own both The PFR-3A and the Weber Dual Bander. These two rigs share almost identical designs.

I looked at the Elecraft KX1's design in pretty good detail prior to making the decision to purchase the Weber designed PFR-3A and then the Weber Dual Bander for 17M & 15M.

My reasons were as follows:

1. The KX1 and the PFR-3A receivers are quite similar in design but the PFR-3A has a double tuned front end while the KX1is single tuned.

2. The PFR-3a has a 4 crystal, fixed bandwidth, crystal filter while the KX1 has a 3 crystal, variable bandwidth crystal filter. The skirts on the PFR-3A's filter should be much sharper.

3. The PFR-3A has a 2 stage active audio filter peaked for a good CW receive frequency (700 Hz. or so) while the KX1 has no bandwidth filters other than the 3 crystal filter.

4. The KX1 and the PFR-3A both have a simple form of AGC. The PFR-3A reduces the signal by controlling the signal level right at the front end while the KX1 applies an AGC bias to pin 2 of the product detector chip. The chip manufacturer's data sheet says that no external bias should be applied to that pin. Why??? I do not know.

5. I found no differences in the transmitters that bothered me but the antenna tuners are a BIG difference. The KX1 has a very limited range automatic tuner that adds considerable cost while the PFR-3A's tuner is standard, very wide range, provides both balanced and unbalanced connections and has a very easy to use SWR indicator.

6. My impression, from reading the KX1's manual was that the software in the PFR-3A is easier to use. That is quite subjective and is probably a draw after you become familar with either.

Those were the reasons that I purchased the PFR-3A and a couple of months later purchasing the Weber Dual Bander to have basically the same radio, minus tuner, for 17M & 15M.

I hope this helps

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "arthur" <arthurok@...> wrote:
>
> has anyone compared the pfr3 to others in its class like
> the k1, and kx1 .

1744. Re: Receiver problems

Yahoo group: pfr3_group
Date: 2010-09-30 02:56:32 UTC
From: bwmiller262
Topic: 1738 Message: 1744

Yes, I am using a coax input. Output seems good--about 4-5 watts on all bands. I've examined all the solder connections, including the toroids, with a magnifying glass and haven't been able to see any problems, but that doesn't mean it's not there. If you think one of the toroids may be the problem, I could redo them. Which one(s) would you look at?

Thanks,
Bruce

--- In pfr3_group@yahoogroups.com, "arthurok" <arthurok@...> wrote:
>
> im assuming you are using the coax input so as to bypass the internal tuner?
> do you get any output from the transmitter??
> you might have a bad solder connection to one of the hand wound toroids.
>
> ----- Original Message -----
> From: bwmiller262
> To: pfr3_group@yahoogroups.com
> Sent: Wednesday, September 29, 2010 7:10 PM
> Subject: [pfr3_group] Receiver problems
>
>
>
> I recently finished putting my PFR-3 together. It was a lot of fun but I seem to be having problems receiving. Doing A/B testing with the same antenna--a 100' dipole at 30' tuned through a Palstar tuner--comparing my new PFR-3 and my trusty old IC-756 Pro II, I have found that a 577 signal on the Icom are barely discernable on the PFR-3. Anything weaker is completely lost to the PFR-3. A strong signal does comes through, but only a very strong one.
>
> Any suggestions will be greatly appreciated.
>
> 73,
> Bruce, K7EY
>

1745. Re: Receiver problems

Yahoo group: pfr3_group
Date: 2010-09-30 03:01:45 UTC
From: bwmiller262
Topic: 1738 Message: 1745

Thanks Steve. I am not finding a peak in signal strength using the Rx input tuning control so it must be T1. I'll dig into it and let you know what I find.

Thanks again for all this and the other responses.

Bruce, K7EY

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> 99 out of 100 times poor receive sensitivity is due to having the input and
> output (link and secondary windings) of T1 misplaced. If you can't find a
> peak in signal strength using the Rx input tuning control, that is the
> problem.
>
> The 1 out of 100 problem is shorted 2N7000 QSK transistors.
>
> There are two ways to solve this (T1) problem.
> 1. make sure the winding are connected properly
> 2. Eliminate the link winding entirely. I have discovered that is possible
> to drive the ground end of the tuned secondary winding direct from the QSK
> switch and 51 ohm load resistor (which is now the ground return). So, you
> can eliminate the 5 turn link winding and connect the main winding across
> the two T1 pads which are not ground.
>
> There might be a slight reduction in sensitivity doing it this way, but
> without a calibrated uV signal generator, you'll never notice it.
>
> Steve KD1JV
>

1746. Re: Receiver problems

Yahoo group: pfr3_group
Date: 2010-09-30 03:17:55 UTC
From: arthur
Topic: 1738 Message: 1746

check the toroid windings using a low power ohmmeter
sometimes the solder joints to the magnet wire look good but the magnet wire wire wasnt wetted by the soldering process
"the ohms setting using your digital multimeter"
these windings will have very low resistance
under a couple of ohms.
did you clean or tin the magnet wire before soldering?
sometimes i cheat and solder through the magnet wire varnish but i use the ohmeter trick and raise my soldering temperature.
"im risking damaging the circuit board but im experienced in desoldering"
--- In pfr3_group@yahoogroups.com, "bwmiller262" <bwmiller262@...> wrote:
>
> Yes, I am using a coax input. Output seems good--about 4-5 watts on all bands. I've examined all the solder connections, including the toroids, with a magnifying glass and haven't been able to see any problems, but that doesn't mean it's not there. If you think one of the toroids may be the problem, I could redo them. Which one(s) would you look at?
>
> Thanks,
> Bruce
>
> --- In pfr3_group@yahoogroups.com, "arthurok" <arthurok@> wrote:
> >
> > im assuming you are using the coax input so as to bypass the internal tuner?
> > do you get any output from the transmitter??
> > you might have a bad solder connection to one of the hand wound toroids.
> >
> > ----- Original Message -----
> > From: bwmiller262
> > To: pfr3_group@yahoogroups.com
> > Sent: Wednesday, September 29, 2010 7:10 PM
> > Subject: [pfr3_group] Receiver problems
> >
> >
> >
> > I recently finished putting my PFR-3 together. It was a lot of fun but I seem to be having problems receiving. Doing A/B testing with the same antenna--a 100' dipole at 30' tuned through a Palstar tuner--comparing my new PFR-3 and my trusty old IC-756 Pro II, I have found that a 577 signal on the Icom are barely discernable on the PFR-3. Anything weaker is completely lost to the PFR-3. A strong signal does comes through, but only a very strong one.
> >
> > Any suggestions will be greatly appreciated.
> >
> > 73,
> > Bruce, K7EY

> >
>

1747. Re: [pfr3_group] Re:pfr3 compared to others in its "class"

Yahoo group: pfr3_group
Date: 2010-09-30 06:01:00 UTC
From: Bob
Topic: 1734 Message: 1747

I bet you own a japan rice burner and your computer has parts from 4 different Countries inside. I think your post was uncalled for. China is not doing anything wrong. The display on the HB1A and the Ten Tec dual bands makes it a dream to use. Bob. AF2Q
Sent By the AF2Q PHONE

-----Original Message-----
From: "Petr Ourednik" <indians@xsmail.com>
Sender: pfr3_group@yahoogroups.com
Date: Wed, 29 Sep 2010 22:38:18
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re:pfr3 compared to others in its "class"

Hi,

if You want to support illegal copying of an American gears then
purchase
some HB...etc. but believe me the good choice is PFR-3. It's not needed
to pay for overpriced similar products from US or support the Chineze
riceboxes.
Forget the new TT as it comes to be just Chineze dealer.
I am not PFR-3 owner and I have no affiliation to Steve Weber > just
personal
opinion in 2cents words...

73 - Petr, OK1RP

Yahoo! Groups Links

1748. Re: [pfr3_group] Re:pfr3 compared to others in its "class"

Yahoo group: pfr3_group
Date: 2010-09-30 07:47:34 UTC
From: arthurok
Topic: 1734 Message: 1748

i dont believe china is doing anything "illegal"
the hb1a dosent have a built in tuner or a screw on paddle
i like the pfr3 and kx1 "everything in and on the box concept"
makes me feel like a cia operative "ha ha"
"i havent ordered anything yet i operate a kenwood 950sd and sb200 with harbach mods linear into a mosley verticle mounted on my house roof peak. im mostly on 40 m ssb phone
id like to have a little emergency/ qrp rig.
allot of the used qrp stuff is junk.
one of my choices is a used ft817.
i also have a drake tr7.

----- Original Message -----
From: Bob
To: pfr3_group@yahoogroups.com
Sent: Thursday, September 30, 2010 1:01 AM
Subject: Re: [pfr3_group] Re:pfr3 compared to others in its "class"

I bet you own a japan rice burner and your computer has parts from 4 different Countries inside. I think your post was uncalled for. China is not doing anything wrong. The display on the HB1A and the Ten Tec dual bands makes it a dream to use. Bob. AF2Q
Sent By the AF2Q PHONE

-----Original Message-----
From: "Petr Ourednik" <indians@...>
Sender: pfr3_group@yahoogroups.com
Date: Wed, 29 Sep 2010 22:38:18
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re:pfr3 compared to others in its "class"

Hi,

if You want to support illegal copying of an American gears then
purchase
some HB...etc. but believe me the good choice is PFR-3. It's not needed
to pay for overpriced similar products from US or support the Chineze
riceboxes.
Forget the new TT as it comes to be just Chineze dealer.
I am not PFR-3 owner and I have no affiliation to Steve Weber > just
personal
opinion in 2cents words...

73 - Petr, OK1RP

Yahoo! Groups Links

1749. Re: pfr3 compared to others in its "class"

Yahoo group: pfr3_group
Date: 2010-09-30 15:20:48 UTC
From: Petr Ourednik
Topic: 1734 Message: 1749

Bob,

all of my gears are Made in USA > TenTec Omni V, Elecraft K1, K2, K3,
ATS-3A,
AEA MM-3 white keypad keyer etc. But it is not the reason of my post...
"China is not doing anything wrong"...I don't think so Bob. I am working
in
electronics segment for long time and I have to say Yes, they are doing
> illegal
copies. Well I am not pushing anybody to anything. Just want to express
my
bd feeling about the current situation with products coming from China.

Good luck Bob and CU on the air.

73 - Petr, OK1RP

1750. Re: Receiver problems

Yahoo group: pfr3_group
Date: 2010-09-30 16:48:08 UTC
From: bwmiller262
Topic: 1738 Message: 1750

Steve: So I tried each of the T1 methods you recommended. Very little if any improvement. I did notice while testing the second scenario, however, that if I touch the top of C3 with my finger (which I first did accidentally while holding the board during testing), the sensitivity improves noticeably. Does that suggest anything?

A couple other notes:
* I currently have T1 set up with 40 windings, soldered into the two non-ground T1 holes on the board. There is nothing in the two ground holes of T1. My understanding was this was all that was required--is this correct?

* I've been using new #30 wire each time I've redone T1.

* I purchased my kit several years ago if that makes a difference (board is Rev A 2/9/08).

I'm sure that the problem is something I'm doing or missing. Sorry for the inconvenience.

Thanks again for your help,
Bruce, K7EY

--- In pfr3_group@yahoogroups.com, "bwmiller262" <bwmiller262@...> wrote:
>
> Thanks Steve. I am not finding a peak in signal strength using the Rx input tuning control so it must be T1. I'll dig into it and let you know what I find.
>
> Thanks again for all this and the other responses.
>
> Bruce, K7EY
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
> >
> > 99 out of 100 times poor receive sensitivity is due to having the input and
> > output (link and secondary windings) of T1 misplaced. If you can't find a
> > peak in signal strength using the Rx input tuning control, that is the
> > problem.
> >
> > The 1 out of 100 problem is shorted 2N7000 QSK transistors.
> >
> > There are two ways to solve this (T1) problem.
> > 1. make sure the winding are connected properly
> > 2. Eliminate the link winding entirely. I have discovered that is possible
> > to drive the ground end of the tuned secondary winding direct from the QSK
> > switch and 51 ohm load resistor (which is now the ground return). So, you
> > can eliminate the 5 turn link winding and connect the main winding across
> > the two T1 pads which are not ground.
> >
> > There might be a slight reduction in sensitivity doing it this way, but

> > without a calibrated uV signal generator, you'll never notice it.
> >
> > Steve KD1JV
> >
>

1751. Re: [pfr3_group] Re: Receiver problems

Yahoo group: pfr3_group
Date: 2010-10-01 01:26:19 UTC
From: arthurok
Topic: 1738 Message: 1751

Below is a list of issues that have come up by our builders.
also download the latest edition of the original pfr3 manual

a.. There are two caps marked C48 on board with different values. One is between the phone and paddle jack and the other is just below U9. Note that the cap between the phone and paddle jack should be C30 (.01 UFD)
b.. The color coding in the instructions for R6 and R7 are incorrect and should be orange orange yellow instead of red red orange.
c.. The 4.7pF cap may have been replaced by a green 5pF cap with a black dot. Either will work.
d.. Some of the electrolytic caps call for 16V parts. 25V parts may have been shipped, again either will work.
e.. In the section on the Low Pass Filters it calls for a 33 pfd cap to be installed. This should be a 22 pfd.
f.. In the Group 2 assembly, C26 .1 ufd should be installed with C25 and C28

In the News

Ken Evans, W4DU has written a wonderful review that was published by ARCI in the QRP Quaterly newsletter.

Ordering Information

You may use our Order page to order the Portable Field Radio by mail using check or money order. or

Ordering electronically by PayPal using the buttons below.

NOTE
When an order is placed through PayPal, shipping charges are automatically calculated then a confirmation email is immediately sent by PayPal. For more information about our shipping charges please take a look at our Order Form page. We also receive this same email, so please rest assured that we have logged your order into our books. No other order confirmation will be issued. Your kit will be shipped in 1-2 weeks after our receiving the order, unless otherwise stated. Thanks for your support.

Orders of multiple kits that I can ship in the same box will have shipping costs adjusted and the excess will be refunded.

PFR3 Transceiver: $240.00

PFR3 Paddles: $40.00

View your PayPal cart:

Note: There is free shipping on the paddles when orderded with the PFR3

Please use our Order page to order by mail.
----- Original Message -----
From: bwmiller262
To: pfr3_group@yahoogroups.com
Sent: Thursday, September 30, 2010 11:48 AM
Subject: [pfr3_group] Re: Receiver problems

Steve: So I tried each of the T1 methods you recommended. Very little if any improvement. I did notice while testing the second scenario, however, that if I touch the top of C3 with my finger (which I first did accidentally while holding the board during testing), the sensitivity improves noticeably. Does that suggest anything?

A couple other notes:
* I currently have T1 set up with 40 windings, soldered into the two non-ground T1 holes on the board. There is nothing in the two ground holes of T1. My understanding was this was all that was required--is this correct?

* I've been using new #30 wire each time I've redone T1.

* I purchased my kit several years ago if that makes a difference (board is Rev A 2/9/08).

I'm sure that the problem is something I'm doing or missing. Sorry for the inconvenience.

Thanks again for your help,
Bruce, K7EY

--- In pfr3_group@yahoogroups.com, "bwmiller262" <bwmiller262@...> wrote:
>
> Thanks Steve. I am not finding a peak in signal strength using the Rx input tuning control so it must be T1. I'll dig into it and let you know what I find.
>
> Thanks again for all this and the other responses.
>
> Bruce, K7EY
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
> >
> > 99 out of 100 times poor receive sensitivity is due to having the input and
> > output (link and secondary windings) of T1 misplaced. If you can't find a
> > peak in signal strength using the Rx input tuning control, that is the
> > problem.
> >
> > The 1 out of 100 problem is shorted 2N7000 QSK transistors.
> >
> > There are two ways to solve this (T1) problem.
> > 1. make sure the winding are connected properly
> > 2. Eliminate the link winding entirely. I have discovered that is possible
> > to drive the ground end of the tuned secondary winding direct from the QSK
> > switch and 51 ohm load resistor (which is now the ground return). So, you
> > can eliminate the 5 turn link winding and connect the main winding across
> > the two T1 pads which are not ground.
> >
> > There might be a slight reduction in sensitivity doing it this way, but

> > without a calibrated uV signal generator, you'll never notice it.
> >
> > Steve KD1JV
> >
>

1752. Re: [pfr3_group] Re: Receiver problems

Yahoo group: pfr3_group
Date: 2010-10-01 16:09:53 UTC
From: sigcom@juno.com
Topic: 1738 Message: 1752

Hi Bruce,

Here's how I would proceed:

Unsolder C3 at the end connected to T1. Connect a clip lead to C3 and to your antenna. Connect another clip lead from the other side of your antenna to PC board ground. Check the receiver. You may hear more than you expect because the low pass filter(s) and 1/2 of the preselector are out of circuit.

If it works, then C2,3,4 and L1 have been eliminated as the cause and the problem is likely in one of the components (or soldering) surrounding T1 (you have pretty well eliminated T1 as the cause).

If it doesn't work then the problem is 'down stream' of T1 (from C3 toward U1).

Have you checked Q2 for a short?

73.......Steve Smith WB6TNL

1753. Rotary encoder add-on kit

Yahoo group: pfr3_group
Date: 2010-10-04 01:15:08 UTC
From: Petr
Topic: 1753 Message: 1753

Hello folks,

I will be glad to know from all of You the opinion and experiences with rotary encoder kit using together with PFR-3. Regarding the scanning speed > I heard that somebody would like to have a bit faster scanning so it can be easily change in SW of course. Please let me know about Your opinion and needs in terms of improvement of the next batch of the rotary encoders.

As I got the information from Mirek diy4funatgmaildotcom he is still getting the orders so next batch (maybe last) is planed for next weeks.

If somebody still thinking about it then send the order to him in time...

BTW: any other tips for improving the encoder funtions please?

73 - Petr, OK1RP

1754. Re: [pfr3_group] Rotary encoder add-on kit

Yahoo group: pfr3_group
Date: 2010-10-04 03:31:22 UTC
From: arthurok
Topic: 1753 Message: 1754

i dont know why weber didnt incluse a rotary encoder option in his design
his dual bander tranceiver with a similar design includes a rotary encoder.
----- Original Message -----
From: Petr
To: pfr3_group@yahoogroups.com
Sent: Sunday, October 03, 2010 8:15 PM
Subject: [pfr3_group] Rotary encoder add-on kit

Hello folks,

I will be glad to know from all of You the opinion and experiences with rotary encoder kit using together with PFR-3. Regarding the scanning speed > I heard that somebody would like to have a bit faster scanning so it can be easily change in SW of course. Please let me know about Your opinion and needs in terms of improvement of the next batch of the rotary encoders.

As I got the information from Mirek diy4funatgmaildotcom he is still getting the orders so next batch (maybe last) is planed for next weeks.

If somebody still thinking about it then send the order to him in time...

BTW: any other tips for improving the encoder funtions please?

73 - Petr, OK1RP

1755. Re: Rotary encoder add-on kit

Yahoo group: pfr3_group
Date: 2010-10-04 13:09:30 UTC
From: Petr Ourednik
Topic: 1753 Message: 1755

Hi,

probably simplicity, minimal size, weight, etc. were the
priorities for Steve instead of all-in one design. This
add-on kit just increasing the usability from bench I guess...

73 - Petr, OK1RP

1756. Re: Receiver problems

Yahoo group: pfr3_group
Date: 2010-10-04 22:43:11 UTC
From: bwmiller262
Topic: 1738 Message: 1756

Steve, WB6TNL:

I followed your suggestion (i.e. unsoldered C3 at the end connected to T1...) and was then able to hear much better--almost as well as with my IC-756 Pro II, just not nearly as much gain. Therefore, as you indicated, the problem is likely one of the components or soldering surrounding T1. I've inspected the soldering again and can't see anything.

How would you suggest I proceed now?

Thanks again for your help.

Bruce, K7EY

--- In pfr3_group@yahoogroups.com, "sigcom@..." <sigcom@...> wrote:
>
> Hi Bruce,
>
> Here's how I would proceed:
>
> Unsolder C3 at the end connected to T1. Connect a clip lead to C3 and to your antenna. Connect another clip lead from the other side of your antenna to PC board ground. Check the receiver. You may hear more than you expect because the low pass filter(s) and 1/2 of the preselector are out of circuit.
>
> If it works, then C2,3,4 and L1 have been eliminated as the cause and the problem is likely in one of the components (or soldering) surrounding T1 (you have pretty well eliminated T1 as the cause).
>
> If it doesn't work then the problem is 'down stream' of T1 (from C3 toward U1).
>
> Have you checked Q2 for a short?
>
> 73.......Steve Smith WB6TNL
>

1757. Re: [pfr3_group] Re: Receiver problems

Yahoo group: pfr3_group
Date: 2010-10-05 01:34:33 UTC
From: sigcom@juno.com
Topic: 1738 Message: 1757

Hi Bob,

With the same lashup (antenna clipped to C3) I would first make sure you can get get a peak on 40 somewhere near the center of rotation of the preselector knob. This ensures that something hasn't gone wrong with C2 (part of C1) internally.

If that checks out, then resolder the end of C3 back where it was.

Next, clip lead your antenna across R1. You may have to solder pigtails to the circuit board to get the clips hooked up (I use clipped-off resistor leads).

Check the receiver and preselector. You should hear good signals and the preselector should have a fairly sharp peak. If it works then the problem is likely Q1 or Q2 or the circuits controlling them. If it doesn't work then the problem is T1 or C1.

Best of luck with the troubleshooting.

73.......Steve Smith WB6TNL

---------- Original Message ----------
Return-Path: <sentto-22411776-1756-1286232193-sigcom=juno.com@...>
Received: from mx15.vgs.untd.com (mx15.vgs.untd.com [10.181.44.45])
by maildeliver08.vgs.untd.com with SMTP id AABGLWYECAD39NGS
for <sigcom@...> (sender <sentto-22411776-1756-1286232193-sigcom=juno.com@...>);
Mon, 4 Oct 2010 15:43:14 -0700 (PDT)
Authentication-Results: mx15.vgs.untd.com; DKIM=PASS
Received-SPF: None
Received: from n74c.bullet.mail.sp1.yahoo.com (n74c.bullet.mail.sp1.yahoo.com
[98.136.45.73])
by mx15.vgs.untd.com with SMTP id AABGLWYEBA3K5ZY2
for <sigcom@...> (sender <sentto-22411776-1756-1286232193-sigcom=juno.com@...>);
Mon, 4 Oct 2010 15:43:13 -0700 (PDT)
DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed; d=yahoogroups.com; s=lima;
t=1286232193; bh=a3Zp6WglyfoqgTmOARzMVY35+6cnaUszp9i0Y0QSYzo=; h=Received:Received:X-Yahoo
-Newman-Id:X-Sender:X-Apparently-To:X-Received:X-Received:X-Received:X-Received:X-Received
:To:Message-ID:In-Reply-To:User-Agent:X-Mailer:X-Originating-IP:X-eGroups-Msg-Info:X-Yahoo
-Post-IP:From:X-Yahoo-Profile:Sender:MIME-Version:Mailing-List:Delivered-To:List-Id:Preced
ence:List-Unsubscribe:Date:Subject:Reply-To:X-Yahoo-Newman-Property:Content-Type:Content-T
ransfer-Encoding; b=JdoBvmb5x6ohS92wqIJIHHSxAdqf58uEDA1bs8uJM12m0xoZMZotF6ZmOHI/YjF8CdLQWx
3G7p4a/cpwoKvFm/0gZ7FQ98/UwZu5Hm8kgz9WQsvWANbacPpur05G/UkJ
DomainKey-Signature: a=rsa-sha1; q=dns; c=nofws; s=lima; d=yahoogroups.com;
b=VXNccb6w+/POrOxTAZ0x1Z6xD8RcI6zPC147N7C9MLztRNb3j7TDy4kP3XDIkNxdX3V/k/EZMLQGQey9yKJJA1sP
DYYqVmCjR89PAfmXYvoouc36bmS8PaqJj+XJqRKz;
Received: from [69.147.65.173] by n74.bullet.mail.sp1.yahoo.com with NNFMP; 04 Oct 2010
22:43:13 -0000
Received: from [98.137.35.157] by t15.bullet.mail.sp1.yahoo.com with NNFMP; 04 Oct 2010
22:43:13 -0000

X-Yahoo-Newman-Id: 22411776-m1756
X-Sender: bwmiller262@...
X-Apparently-To: pfr3_group@yahoogroups.com
X-Received: (qmail 70876 invoked from network); 4 Oct 2010 22:43:11 -0000
X-Received: from unknown (98.137.34.45)
by m7.grp.sp2.yahoo.com with QMQP; 4 Oct 2010 22:43:11 -0000
X-Received: from unknown (HELO n37b.bullet.mail.sp1.yahoo.com) (66.163.168.151)
by mta2.grp.sp2.yahoo.com with SMTP; 4 Oct 2010 22:43:11 -0000
X-Received: from [69.147.65.149] by n37.bullet.mail.sp1.yahoo.com with NNFMP; 04 Oct 2010
22:43:11 -0000
X-Received: from [98.137.34.34] by t9.bullet.mail.sp1.yahoo.com with NNFMP; 04 Oct 2010
22:43:11 -0000
To: pfr3_group@yahoogroups.com
Message-ID: <i8dl9v+hljv@...>
In-Reply-To: <20101001.090953.24798.2@...>
User-Agent: eGroups-EW/0.82
X-Mailer: Yahoo Groups Message Poster
X-eGroups-Msg-Info: 1:6:0:0:0
From: "bwmiller262" <bwmiller262@gmail.com>
X-Yahoo-Profile: bwmiller262
Sender: pfr3_group@yahoogroups.com
MIME-Version: 1.0
Mailing-List: list pfr3_group@yahoogroups.com; contact pfr3_group-owner@yahoogroups.com
Delivered-To: mailing list pfr3_group@yahoogroups.com
List-Id: <pfr3_group.yahoogroups.com>
Precedence: bulk
List-Unsubscribe: <mailto:pfr3_group-unsubscribe@yahoogroups.com>
Date: Mon, 04 Oct 2010 22:43:11 -0000
Subject: [pfr3_group] Re: Receiver problems
Reply-To: pfr3_group@yahoogroups.com
X-Yahoo-Newman-Property: groups-email-tradt-m
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
X-UNTD-BodySize: 1866
X-UNTD-SPF: None
X-UNTD-DKIM: PASS
X-ContentStamp: 12:6:2964505646
X-MAIL-INFO:0a5050b5b0a1a5b0a4a5a1d134f00cf5458d208dd53d254595544430c1317d8d70b5a191411d39
5005540999ddd014b9e5e9015915c059e9d904d96169ddd055348549adf4cde4190d7d51104019ade401a97410
74e0bd
X-UNTD-Peer-Info: 98.136.45.73|n74c.bullet.mail.sp1.yahoo.com|n74c.bullet.mail.sp1.yahoo.c
om|sentto-22411776-1756-1286232193-sigcom=juno.com@...
X-UNTD-UBE:-1

Steve, WB6TNL:

I followed your suggestion (i.e. unsoldered C3 at the end connected to T1...) and was then able to hear much better--almost as well as with my IC-756 Pro II, just not nearly as much gain. Therefore, as you indicated, the problem is likely one of the components or soldering surrounding T1. I've inspected the soldering again and can't see anything.

How would you suggest I proceed now?

Thanks again for your help.

Bruce, K7EY

--- In pfr3_group@yahoogroups.com, "sigcom@..." <sigcom@...> wrote:
>
> Hi Bruce,
>
> Here's how I would proceed:
>
> Unsolder C3 at the end connected to T1. Connect a clip lead to C3 and to your antenna. Connect another clip lead from the other side of your antenna to PC board ground. Check the receiver. You may hear more than you expect because the low pass filter(s) and 1/2 of the preselector are out of circuit.
>
> If it works, then C2,3,4 and L1 have been eliminated as the cause and the problem is likely in one of the components (or soldering) surrounding T1 (you have pretty well eliminated T1 as the cause).
>
> If it doesn't work then the problem is 'down stream' of T1 (from C3 toward U1).
>
> Have you checked Q2 for a short?
>
> 73.......Steve Smith WB6TNL
>

Yahoo! Groups Links

1758. Re: [pfr3_group] Re: Receiver problems

Yahoo group: pfr3_group
Date: 2010-10-05 04:23:26 UTC
From: arthurok
Topic: 1738 Message: 1758

use your low powered multimeter to check that the t1 is soldered in properly also check that the fets arent shorted or installed in correctly.
t1 is actually a combination antenna transformer and preselector.
in the old days t1 would have been called an antenna coil.
"i need to buy the kit lately my wallet hasnt been flush and qrp operations arent my daily need"

----- Original Message -----
From: bwmiller262
To: pfr3_group@yahoogroups.com
Sent: Monday, October 04, 2010 5:43 PM
Subject: [pfr3_group] Re: Receiver problems

Steve, WB6TNL:

I followed your suggestion (i.e. unsoldered C3 at the end connected to T1...) and was then able to hear much better--almost as well as with my IC-756 Pro II, just not nearly as much gain. Therefore, as you indicated, the problem is likely one of the components or soldering surrounding T1. I've inspected the soldering again and can't see anything.

How would you suggest I proceed now?

Thanks again for your help.

Bruce, K7EY

--- In pfr3_group@yahoogroups.com, "sigcom@..." <sigcom@...> wrote:
>
> Hi Bruce,
>
> Here's how I would proceed:
>
> Unsolder C3 at the end connected to T1. Connect a clip lead to C3 and to your antenna. Connect another clip lead from the other side of your antenna to PC board ground. Check the receiver. You may hear more than you expect because the low pass filter(s) and 1/2 of the preselector are out of circuit.
>
> If it works, then C2,3,4 and L1 have been eliminated as the cause and the problem is likely in one of the components (or soldering) surrounding T1 (you have pretty well eliminated T1 as the cause).
>
> If it doesn't work then the problem is 'down stream' of T1 (from C3 toward U1).
>
> Have you checked Q2 for a short?
>
> 73.......Steve Smith WB6TNL
>

1759. Re: pfr3 compared to others in its "class"

Yahoo group: pfr3_group
Date: 2010-10-13 03:03:49 UTC
From: wb8yyy_curt
Topic: 1734 Message: 1759

Arthur

This topic certainly has appeared before ....

Many of these rigs use similar IC based receivers, similar xtals, a VFO or DDS, and some means to generate a few watts output. In receiving and transmitting they function similarly. The difference is largely packaging and controls. If you want a spiffy, fairly small rig the KX1 is probably the class leader. If something a bit larger is ok, and you can live with a manual antenna tuner - the PFR-3 is more economical. I prefer the paddle from W5JH, by the way. For tuning CW signals, the PFR-3 tuning arrangement works fine. I would not want every rig I own to be tuned in this way, but for a portable rig it tunes fine across normal CW spectrum. The direct frequency entry via the paddle works well if you wish to QSY a bunch. I sensed this was a good value, as I remember an earlier DDS rig called the DSW-series that sold for 2/3rds this price for a single band - and this rig has 3 bands and a decent antenna tuner and digital readout.

As for your interest in various power amp schemes, it may be worth your time in reading and perhaps experimenting. Yes a few watts from a few plastic transistors is quite amazing, but it works well.

73 Curt

--- In pfr3_group@yahoogroups.com, "arthur" <arthurok@...> wrote:
>
> has anyone compared the pfr3 to others in its class like
> the k1, and kx1 .
> the pfr3 has an unusual transmitter circuit.
> its actually similar to my hp 8640 b signal generator.
> "square waves low pass filtered to sine waves"
> "ive never seen it done before in a ham rig"
> he says spurious is 50 db down too.
> thats how he is able to generate 5 watts with 3 little mosfets in parallel.
> the ten tec rig lifted allot of techniques from us
> "typical chinese approach"
>

1760. PFR-3A is a Blast!

Yahoo group: pfr3_group
Date: 2010-10-25 13:43:11 UTC
From: WF8O
Topic: 1760 Message: 1760

Last Saturday morning, I decided to play with the Yellow Box. I attached the coax from my Par Endfedz 10-20-40 and surfed around on 20M. I heard a station from Latvia calling CQ. He answered immediately to my return, and we had a nice QSO. Sunspots are back and 20 is alive! PFR-3a is a Blast!

Gud DX de WF8O, Mike

1761. Older PFR 3

Yahoo group: pfr3_group
Date: 2010-10-25 14:01:58 UTC
From: ad1os808
Topic: 1761 Message: 1761

I have an older PFR 3. The board is marked "rev A 2/9/2008". Found some of the problems thanks to this group, and have a few more to clear. Is this revision a very early one? Seems to be a difference or two when compared to the 3A, and a few more when I compare it to the older manuals on here.
So far, the "dead receiver" is present, although I've been picking my way thru guided by other's experiences. Some mis-wound toroids, differing component values,and the most confusing, the wiring of the BLT/co-ax/balanced line section. I see two ways to do it, and mine came wired a third way. I'd like to se a concensus on the ways it could be done, and still work!
There is no "tune" available via the menu button. Did this come out later?
Back to the bench. Thanks all for the tips.
Mike AD1OS

1762. Re: [pfr3_group] PFR-3A is a Blast!

Yahoo group: pfr3_group
Date: 2010-10-25 22:10:06 UTC
From: Bill VanKirk
Topic: 1760 Message: 1762

Mike,
Just recently the XYL and I took a 4.5 hour drive to Nebraska. I put a 20m hamstick on top of the car and worked several stations with my PFR-3. It was a lot of fun! I love this radio!

73
Bill

W0PT

On Mon, Oct 25, 2010 at 8:43 AM, WF8O <michaelnarges@...> wrote:

>
>
> Last Saturday morning, I decided to play with the Yellow Box. I attached
> the coax from my Par Endfedz 10-20-40 and surfed around on 20M. I heard a
> station from Latvia calling CQ. He answered immediately to my return, and we
> had a nice QSO. Sunspots are back and 20 is alive! PFR-3a is a Blast!
>
> Gud DX de WF8O, Mike
>
>
>

1763. Re: Older PFR 3

Yahoo group: pfr3_group
Date: 2010-10-25 23:09:58 UTC
From: ad1os808
Topic: 1761 Message: 1763

Installed a newly wound T-1 as per DL2BQD's picture. Mine mounted with the two right side wires on the left, and vice-versa. Made a new L-1 as well. Changed C59 to .1uf, per the newer diagram. I can hear stuff! Transmitter still working OK, 5W out and clean. On to the BLT toroid. Oof.

1764. (no subject)

Yahoo group: pfr3_group
Date: 2010-10-26 10:14:15 UTC
From: dswartling@yahoo.com
Topic: 1764 Message: 1764

http://beloguzovaquky.blogspot.com

1765. RE: [pfr3_group] (unknown)

Yahoo group: pfr3_group
Date: 2010-10-26 12:12:37 UTC
From: Jacques
Topic: 1764 Message: 1765

BEWARE : VIRUSED

De : pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] De la part de dswartling@...
Envoyé : mardi 26 octobre 2010 12:14
À : margaret.96487.3754.156305.3399.afa-f@...; mdarnell@...; michellev@...; nalarangka@...; natalia.101210.5129.156305.3399.afa-f@...; noreply@...; noreply@...; p1todd@...; p1todd@...; pfr3_group@yahoogroups.com
Objet : [pfr3_group] (unknown)

http://beloguzovaquky.blogspot.com

1766. Re: Older PFR 3

Yahoo group: pfr3_group
Date: 2010-10-26 15:41:17 UTC
From: ad1os808
Topic: 1761 Message: 1766

Took out the BLT toroid, the wires on one side were off one hole. Rewound the critter, and found the holes in my board aren't as logically arraged as the newer models of the radio. Seems like you could make it sloppy and work, or neaten it up and not work. Maybe that's why the original builder built it neat.
Still cannot find where the "tune" function is in the menu. Goes to speed, memory, and A-B mode. Any chance the early ones had no tune function?

1767. Re: [pfr3_group] Re: Older PFR 3

Yahoo group: pfr3_group
Date: 2010-10-26 15:49:54 UTC
From: sigcom@juno.com
Topic: 1761 Message: 1767

Hi,

Are you using these instructions?

Tune Mode:
This mode is used if you have an automatic antenna tuner which needs to see a steady carrier for a few seconds to operate.
For manual tuners, it is easier and less stressful on the PA to simply send a string of dots as you fiddle with the tuner.
To enable tune mode, click and hold close the MENU switch until the letter ☐T☐ is annunciated by the side tone and release
the switch. When you then release the MENU switch, the display will blank and a character which resembles a lower case ☐t☐
will appear on the left most digit. The transmitter can now be keyed by closing and holding closed either the dot or dash paddle. When you wish to return the rig to normal operation, click any of the switches.

These are from the Rev. B.2 manual.

If you are and it still doesn't work then you probably need a microprocessor upgrade. Steve Weber supplies them free for exchange of the old one. Contact him directly.

Sounds like you're making good progress. Best of luck with the project.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "ad1os808" <bb1300@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Older PFR 3
Date: Tue, 26 Oct 2010 15:41:17 -0000

Took out the BLT toroid, the wires on one side were off one hole. Rewound the critter, and found the holes in my board aren't as logically arraged as the newer models of the radio. Seems like you could make it sloppy and work, or neaten it up and not work. Maybe that's why the original builder built it neat.
Still cannot find where the "tune" function is in the menu. Goes to speed, memory, and A-B mode. Any chance the early ones had no tune function?

Yahoo! Groups Links

1768. Re: [pfr3_group] Re: Older PFR 3

Yahoo group: pfr3_group
Date: 2010-10-26 15:52:14 UTC
From: daleputnam@hotmail.com
Topic: 1761 Message: 1768

One might try from the left, pushing and releasing at the same time the first and third buttons.
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "ad1os808" <bb1300@...>
Sender: pfr3_group@yahoogroups.com
Date: Tue, 26 Oct 2010 15:41:17
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Older PFR 3

Took out the BLT toroid, the wires on one side were off one hole. Rewound the critter, and found the holes in my board aren't as logically arraged as the newer models of the radio. Seems like you could make it sloppy and work, or neaten it up and not work. Maybe that's why the original builder built it neat.
Still cannot find where the "tune" function is in the menu. Goes to speed, memory, and A-B mode. Any chance the early ones had no tune function?

1769. Re: [pfr3_group] Re: Older PFR 3

Yahoo group: pfr3_group
Date: 2010-10-26 17:15:21 UTC
From: Bill VanKirk
Topic: 1761 Message: 1769

I have an early version of the PF-3 and it did not have the tune function
either I sent my chip in for an updated one. This PRF-3 is awesome!

On Tue, Oct 26, 2010 at 10:41 AM, ad1os808 <bb1300@...> wrote:

>
>
>
>
> Took out the BLT toroid, the wires on one side were off one hole. Rewound
> the critter, and found the holes in my board aren't as logically arraged as
> the newer models of the radio. Seems like you could make it sloppy and work,
> or neaten it up and not work. Maybe that's why the original builder built it
> neat.
> Still cannot find where the "tune" function is in the menu. Goes to speed,
> memory, and A-B mode. Any chance the early ones had no tune function?
>
>
>

1770. Re: Older PFR 3

Yahoo group: pfr3_group
Date: 2010-10-26 23:55:47 UTC
From: ad1os808
Topic: 1761 Message: 1770

Yes, those are the instructions, albeit, I'm terminated in a dummy load. I have emailed KD1JV, and have not heard back yet. I'm plagued with having a few different manuals, schematics, instructions, and pictorial diagrams, some of which fit my PFR3, and some that don't. Not one covers the exact unit/revision I have.
Thaks for the note.
Mike AD1OS

1771. Re: Older PFR 3

Yahoo group: pfr3_group
Date: 2010-10-26 23:57:23 UTC
From: ad1os808
Topic: 1761 Message: 1771

I'll try it. Thanks.
Mike AD1OS

1772. Re: Older PFR 3

Yahoo group: pfr3_group
Date: 2010-10-27 00:25:47 UTC
From: ad1os808
Topic: 1761 Message: 1772

Wow. I just zoomed on the lead photo on the PFR manufacturer's page. That's the board I have. From the Rev A/date, the odd T3 layout, to the staggered resistors near the PB switches, staggered caps above the CPU, and the missing R52 (22K) to the left of them. Maybe R52 has a different designator on mine, or maybe not there at all.

1773. Re: Older PFR 3

Yahoo group: pfr3_group
Date: 2010-10-27 00:27:28 UTC
From: ad1os808
Topic: 1761 Message: 1773

No dice. Maybe it has to do with mine not having an R52. Can't read the print under most of the resistors, but my board doesn't even have to holes or clads for one.

1774. Re: Older PFR 3

Yahoo group: pfr3_group
Date: 2010-10-27 00:31:30 UTC
From: ad1os808
Topic: 1761 Message: 1774

Thanks Bill. Do you still have the manual for it?
Mike AD1OS

1775. Securing the toriods

Yahoo group: pfr3_group
Date: 2010-10-31 19:26:54 UTC
From: gary_steinhour
Topic: 1775 Message: 1775

While I was building a recently purchased PFR-3A, I noticed the toroids flop around a bit. This could be a problem if the rig is subject to frequent shocks and vibrations during field excursions, causing a wire to break.

During my years as a professional technician, I have observed various manufacturers securing their toroids to the circuit boards with a clear silicone adhesive.

After completing my PFR-3A and was satisfied that all is functioning well, I secured the toroids with clear silicone adhesive. While not trying to promote any specific brand or company, I used the DAP Household Adhesive Sealant available at most hardware stores. I mention this product since it does not appear to change any of the electrical characteristics of any components it comes in contact with. If you implement this idea, be sure to let the adhesive cure 24 hours before using the radio.

72, Gary KF6U

1776. Re: [pfr3_group] Securing the toriods

Yahoo group: pfr3_group
Date: 2010-10-31 19:33:46 UTC
From: Larry Makoski
Topic: 1775 Message: 1776

On 10/31/2010 3:26 PM, gary_steinhour wrote:
>
> While I was building a recently purchased PFR-3A, I noticed the toroids
> flop around a bit. This could be a problem if the rig is subject to
> frequent shocks and vibrations during field excursions, causing a wire
> to break.
>

I used the good ol' hot glue gun.

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

1777. Re: Securing the toriods

Yahoo group: pfr3_group
Date: 2010-11-01 02:29:47 UTC
From: gary_steinhour
Topic: 1775 Message: 1777

Hot glue guns are another great idea for the PFR3 since there is
no significant heat being generated. -Gary

--- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@...> wrote:
>
> On 10/31/2010 3:26 PM, gary_steinhour wrote:
> >
> > While I was building a recently purchased PFR-3A, I noticed the toroids
> > flop around a bit. This could be a problem if the rig is subject to
> > frequent shocks and vibrations during field excursions, causing a wire
> > to break.
> >
>
>
> I used the good ol' hot glue gun.
>
> --
> 73 de Larry W2LJ
> QRP - When you care to send the very least!
>
> http://w2lj.blogspot.com/
> http://www.w2lj.qrpradio.com/
>

1778. Re: [pfr3_group] Re: Securing the toriods

Yahoo group: pfr3_group
Date: 2010-11-01 03:29:17 UTC
From: arthurok
Topic: 1775 Message: 1778

what about double sided foam tape? i have some thats quite thin
----- Original Message -----
From: gary_steinhour
To: pfr3_group@yahoogroups.com
Sent: Sunday, October 31, 2010 9:29 PM
Subject: [pfr3_group] Re: Securing the toriods

Hot glue guns are another great idea for the PFR3 since there is
no significant heat being generated. -Gary

--- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@...> wrote:
>
> On 10/31/2010 3:26 PM, gary_steinhour wrote:
> >
> > While I was building a recently purchased PFR-3A, I noticed the toroids
> > flop around a bit. This could be a problem if the rig is subject to
> > frequent shocks and vibrations during field excursions, causing a wire
> > to break.
> >
>
>
> I used the good ol' hot glue gun.
>
> --
> 73 de Larry W2LJ
> QRP - When you care to send the very least!
>
> http://w2lj.blogspot.com/
> http://www.w2lj.qrpradio.com/
>

1779. Re: [pfr3_group] Re: Securing the toriods

Yahoo group: pfr3_group
Date: 2010-11-01 12:26:30 UTC
From: Carey Magee (K2RNY)
Topic: 1775 Message: 1779

Hi All:

I secured mine during the soldering. I would place the toroid and solder one lead. Then I solder the remaining. I then go back and gently heat a lead and pull the wire. By going all around the toroid that way, gently heating and tightening, the coil quickly becomes firm to the PCB.

It doesn't take a lot of pressure and one has to be careful they don't pull too hard.

By the way, a great design and great rig.

73,

Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

Mr. Carey Magee, K2RNY
Rochester, NY
==========

----- "arthurok" <arthurok@...t> wrote:

what about double sided foam tape? i have some thats quite thin

----- Original Message -----
From: gary_steinhour
To: pfr3_group@yahoogroups.com
Sent: Sunday, October 31, 2010 9:29 PM
Subject: [pfr3_group] Re: Securing the toriods

Hot glue guns are another great idea for the PFR3 since there is
no significant heat being generated. -Gary

--- In pfr3_group@yahoogroups.com , Larry Makoski <w2lj@...> wrote:
>
> On 10/31/2010 3:26 PM, gary_steinhour wrote:
> >
> > While I was building a recently purchased PFR-3A, I noticed the toroids
> > flop around a bit. This could be a problem if the rig is subject to
> > frequent shocks and vibrations during field excursions, causing a wire
> > to break.
> >
>
>
> I used the good ol' hot glue gun.

>
> --
> 73 de Larry W2LJ
> QRP - When you care to send the very least!
>
> http://w2lj.blogspot.com/
> http://www.w2lj.qrpradio.com/
>

1780. Re: Securing the toriods

Yahoo group: pfr3_group
Date: 2010-11-01 14:10:42 UTC
From: wb9dlc
Topic: 1775 Message: 1780

You guys answered a question/concern that I have had since repairing an intermittent solder connection on T1.

Next time that I open the case I think that I will secure the toroids with a drop of something.

TNX - 73

Mike - WB9DLC

--- In pfr3_group@yahoogroups.com, "gary_steinhour" <garyjane1@...> wrote:
>
> Hot glue guns are another great idea for the PFR3 since there is
> no significant heat being generated. -Gary
>
>
> --- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@> wrote:
> >
> > On 10/31/2010 3:26 PM, gary_steinhour wrote:
> > >
> > > While I was building a recently purchased PFR-3A, I noticed the toroids
> > > flop around a bit. This could be a problem if the rig is subject to
> > > frequent shocks and vibrations during field excursions, causing a wire
> > > to break.
> > >
> >
> >
> > I used the good ol' hot glue gun.
> >
> > --
> > 73 de Larry W2LJ
> > QRP - When you care to send the very least!
> >
> > http://w2lj.blogspot.com/
> > http://www.w2lj.qrpradio.com/
> >
>

1781. Re: [pfr3_group] Re: Securing the toriods

Yahoo group: pfr3_group
Date: 2010-11-01 14:20:36 UTC
From: ckwishmeier@cs.com
Topic: 1775 Message: 1781

So far I have not had any problems with, nor firmly attached the torroids. I'll deal with that if trouble appears and I have to pull the board for some reason.

Wonder if anyone else has had problems with the battery holders. These things are junk. I've already had two connection failures where the outer connector becomes intermittent with the inner. Any suggestions? Or better replacements?

Keith
WA9S

-----Original Message-----
From: wb9dlc <wb9dlc@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Nov 1, 2010 10:10 am
Subject: [pfr3_group] Re: Securing the toriods

You guys answered a question/concern that I have had since repairing an intermittent solder connection on T1.

Next time that I open the case I think that I will secure the toroids with a drop of something.

TNX - 73

Mike - WB9DLC

--- In pfr3_group@yahoogroups.com, "gary_steinhour" <garyjane1@...> wrote:
>
> Hot glue guns are another great idea for the PFR3 since there is
> no significant heat being generated. -Gary
>
>
> --- In pfr3_group@...m, Larry Makoski <w2lj@> wrote:
> >
> > On 10/31/2010 3:26 PM, gary_steinhour wrote:
> > >
> > > While I was building a recently purchased PFR-3A, I noticed the toroids
> > > flop around a bit. This could be a problem if the rig is subject to
> > > frequent shocks and vibrations during field excursions, causing a wire
> > > to break.
> > >
> >
> >
> > I used the good ol' hot glue gun.
> >
> > --
> > 73 de Larry W2LJ

> > QRP - When you care to send the very least!
> >
> > http://w2lj.blogspot.com/
> > http://www.w2lj.qrpradio.com/
> >
>

1782. Re: [pfr3_group] Re: Securing the toriods

Yahoo group: pfr3_group
Date: 2010-11-02 07:09:15 UTC
From: arthurok
Topic: 1775 Message: 1782

i think pulling the leads down is good enough
hot melt becomes almost permanent
----- Original Message -----
From: Carey Magee (K2RNY)
To: pfr3 group
Sent: Monday, November 01, 2010 7:26 AM
Subject: Re: [pfr3_group] Re: Securing the toriods

Hi All:

I secured mine during the soldering. I would place the toroid and solder one lead. Then I solder the remaining. I then go back and gently heat a lead and pull the wire. By going all around the toroid that way, gently heating and tightening, the coil quickly becomes firm to the PCB.

It doesn't take a lot of pressure and one has to be careful they don't pull too hard.

By the way, a great design and great rig.

73,

Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

----- "arthurok" <arthurok@...> wrote:

what about double sided foam tape? i have some thats quite thin
----- Original Message -----
From: gary_steinhour
To: pfr3_group@yahoogroups.com
Sent: Sunday, October 31, 2010 9:29 PM
Subject: [pfr3_group] Re: Securing the toriods

Hot glue guns are another great idea for the PFR3 since there is
no significant heat being generated. -Gary

--- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@...> wrote:
>
> On 10/31/2010 3:26 PM, gary_steinhour wrote:
> >
> > While I was building a recently purchased PFR-3A, I noticed the toroids
> > flop around a bit. This could be a problem if the rig is subject to
> > frequent shocks and vibrations during field excursions, causing a wire
> > to break.
> >

>
>
> I used the good ol' hot glue gun.
>
> --
> 73 de Larry W2LJ
> QRP - When you care to send the very least!
>
> http://w2lj.blogspot.com/
> http://www.w2lj.qrpradio.com/
>

1783. RE: [pfr3_group] Re: Securing the toriods

Yahoo group: pfr3_group
Date: 2010-11-02 12:11:55 UTC
From: Dale Putnam
Topic: 1775 Message: 1783

I've used Carey's method many times.. if the toroids are wound in the proper direction... they fit nicely. Care to not pull too tight, is a
good concern, but hot glue makes tuning a bad deal, and I like to know that the circuit is at its best, not just ok.
So tin first, leave the leads long enough to reach through the board and have a "tug it lightly" handle of lead, then whle holding tension on the leads, solder the lead solid. Done deal.. no problem. No wiggle. Then the only concern becomes a soft touch to tune the coil.
Have a great day,

--... ...-- Dale - WC7S in Wy

1784. Re: [pfr3_group] Securing the toriods

Yahoo group: pfr3_group
Date: 2010-11-02 23:44:27 UTC
From: arthurok
Topic: 1775 Message: 1784

that will work too
----- Original Message -----
From: gary_steinhour
To: pfr3_group@yahoogroups.com
Sent: Sunday, October 31, 2010 2:26 PM
Subject: [pfr3_group] Securing the toriods

While I was building a recently purchased PFR-3A, I noticed the toroids flop around a bit. This could be a problem if the rig is subject to frequent shocks and vibrations during field excursions, causing a wire to break.

During my years as a professional technician, I have observed various manufacturers securing their toroids to the circuit boards with a clear silicone adhesive.

After completing my PFR-3A and was satisfied that all is functioning well, I secured the toroids with clear silicone adhesive. While not trying to promote any specific brand or company, I used the DAP Household Adhesive Sealant available at most hardware stores. I mention this product since it does not appear to change any of the electrical characteristics of any components it comes in contact with. If you implement this idea, be sure to let the adhesive cure 24 hours before using the radio.

72, Gary KF6U

1785. Re: Older PFR 3

Yahoo group: pfr3_group
Date: 2010-11-05 01:57:32 UTC
From: ad1os808
Topic: 1761 Message: 1785

OK I think I'm done. After re-doing the BLT toroid, I was able to peak signals with the tuner inline. Since my fixed antenna is a 100'+ doublet, fed with 450 ohm line, a 4:1 balun and a short run of coax, I had to compress the turns to get the tuner working on the low end of 40. The other bands didn't seem to suffer. Changing the two 330K's to 470K (on the first AF amp) didn't do a heck of a lot fot the audio. I think the bigger difference came from the 10uf cap on the 386.
First QSO was an EA5 on 40. Again, thanks for the info here.
Mike AD1OS (I vote for the hot melt glue gun to secure the toroids)

1786. Re: [pfr3_group] Re: Older PFR 3

Yahoo group: pfr3_group
Date: 2010-11-05 03:09:52 UTC
From: MAXXOUT2@AOL.COM
Topic: 1761 Message: 1786

When I read about the hot glue the other day I tried it on my end fed tuner.
Measured 2.8uH and then I coated the whole core with hot glue.
When it dried it measured 2.4uH.
I do not have the best meter and it was on while the hot glue was drying.
Anyway what I do is try to keep any core off any surface so I use 1/4" foam under the core,a dab of Elmers glue and it holds snug enough for me
BOB
AF2Q

In a message dated 11/4/2010 9:57:36 P.M. Eastern Daylight Time, bb1300@... writes:

OK I think I'm done. After re-doing the BLT toroid, I was able to peak signals with the tuner inline. Since my fixed antenna is a 100'+ doublet, fed with 450 ohm line, a 4:1 balun and a short run of coax, I had to compress the turns to get the tuner working on the low end of 40. The other bands didn't seem to suffer. Changing the two 330K's to 470K (on the first AF amp) didn't do a heck of a lot fot the audio. I think the bigger difference came from the 10uf cap on the 386.
First QSO was an EA5 on 40. Again, thanks for the info here.
Mike AD1OS (I vote for the hot melt glue gun to secure the toroids)

1787. Hot melt glue and toroids

Yahoo group: pfr3_group
Date: 2010-11-05 11:11:27 UTC
From: ad1os808
Topic: 1761 Message: 1787

From Lewallen, W7EL- date unknown

"Of the materials tested, both types of RTV stand out as having a negligible effect on inductor Q. Hot melt glue and paraffin have a small enough effect that they should be tolerable for many applications. Duco cement seriously degrades Q, even in a much thinner layer than the other coatings. The "sealing tape", tested out of curiosity, shows just how great a degradation can be caused by a poor coating....."

Unfortunaely, the link provided was dead.
>

1788. Re: [pfr3_group] Hot melt glue and toroids

Yahoo group: pfr3_group
Date: 2010-11-05 12:09:50 UTC
From: sigcom@juno.com
Topic: 1761 Message: 1788

FWIW, here's the complete paragraph:

"Of the materials tested, both types of RTV stand out as having a negligible effect on inductor Q. Hot melt glue and paraffin have a small enough effect that they should be tolerable for many applications. Duco cement seriously degrades Q, even in a much thinner layer than the other coatings. The "sealing tape", tested out of curiosity, shows just how great a degradation can be caused by a poor coating.
None of the coatings made much of a change in apparent inductance. This implies that the reduction in Q is due primarily to dielectric loss rather than simple increase in capacitance due to the material's dielectric constant.
Note the difference in inductance and Q between the coated and then coating removed sealing tape inductors, which were wound on the same core. Apparently physical differences in the windings (perhaps such as tightness and conformance to the core, or uniformity of turn spacing) are a major contributor to differences between inductors. All the cores used in the test were ordered at the same time, so they may have come from the same batch and have relatively little variation. On the basis of just the comparison between the inductor coated with sealing tape and then the same core cleaned and rewound, it's entirely possible that most of the variation between inductors in this experiment is due to winding differences. The variation might be less if smaller wire with less stiffness is used."

ref.: http://www.qrp.pops.net/w7el.asp

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "ad1os808" <bb1300@...>

Unfortunaely, the link provided was dead.
>

1789. Re: Hot melt glue and toroids

Yahoo group: pfr3_group
Date: 2010-11-05 19:28:55 UTC
From: ad1os808
Topic: 1761 Message: 1789

Thanks.

1790. Re: [pfr3_group] Re: Hot melt glue and toroids

Yahoo group: pfr3_group
Date: 2010-11-05 20:01:41 UTC
From: MAXXOUT2@AOL.COM
Topic: 1761 Message: 1790

No name,no call,no nothing.
Who you thanking and for what?
GLUE:-)
BOB
AF2Q <~~~~PROUD OF MY CALL

In a message dated 11/5/2010 3:28:58 P.M. Eastern Daylight Time,
bb1300@... writes:

Thanks.

1791. t-1

Yahoo group: pfr3_group
Date: 2010-11-13 14:53:49 UTC
From: baldreyt
Topic: 1791 Message: 1791

Hi new to the group name here is Tom. I am building a pfr-3a. And I am finding the directions for winding T-1 as clear as mud! Does anyone have any directions or photos to wind T-1?

1792. Re: [pfr3_group] t-1

Yahoo group: pfr3_group
Date: 2010-11-13 15:43:55 UTC
From: lahagar1@aol.com
Topic: 1791 Message: 1792

Hi Tom,

T1 is easy - all you need are 45 passes thru the hole beginning at the "start winding" position. Count each time you pass the wire thru the hole, nothing more.

As you are counting, just make sure at pass nr 40 you leave extra "slack" in the winding (so you can snip it later). Keep winding in the same direction until you have 45 turns.

Then when you snip the wire, you have a 5 turn primary inside the 40 turn secondary.

I made several photos of the receiver torroids (at about the 2:30 mark in the video):

http://www.youtube.com/user/NG9D?feature=mhum#p/u/1/2aZYegVjMhI

Close-ups of transmitter/ATU torroids are in:

http://www.youtube.com/user/NG9D?feature=mhum#p/u/2/wJs2iYGd-VA

Have fun Tom - you are going to love this little rig!

73
Lynn, NG9D

-----Original Message-----
From: baldreyt <baldreyt@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Nov 13, 2010 8:53 am
Subject: [pfr3_group] t-1

Hi new to the group name here is Tom. I am building a pfr-3a. And I am finding the directions for winding T-1 as clear as mud! Does anyone have any directions or photos to wind T-1?

1793. Re: Tune - Operate probem - A confession and a question

Yahoo group: pfr3_group
Date: 2010-11-18 01:29:17 UTC
From: Bob Jensen
Topic: 1524 Message: 1793

Mike,

Just wanted to thank you for posting the problem with Hendricks dummy load. I've recently been banging my head against the wall with the same problem, high SWR on a dummy load. Ohm reading on my Fluke was 49.8, MJF reading SWR of 13:1. Couldn't figure out what was going on. Saw your post and went downstairs and clipped out the detector diode. Bang zoom I have a functional dummy load again.

If you hadn't shared what you'd found with the group, I'd still be in the dark.

Thx es 73,
Bob
W0GAF

--- In pfr3_group@yahoogroups.com, "k9jri@..." <k9jri@...> wrote:
>
> Not being able to let the SWR LED issue alone even though I thought that it was affected by the circuit board change I decided to do two additional tests:
>
> 1. Replace the Hendricks QRP Kits dummy load with my 300 watt MFJ dummy load. SURPRISE the SWR LED Went completely dark. Obviously something wrong with the QRP dummy load.
>
> 2. Test the Hendricks QRP dummy load. DC resistance tests with a Fluke 77 read 49.8 ohms. I then attached the QRP dummy load to my MFJ SWR analyzer and it read and SWR of 15.4, X=2 and R=1 ohm. I really didn't know how that can be possible so I did some additionl tests and found that the detector diode, on the dummy load, was shorted. When removed the QRP dummy measures 1:1 on the MFJ and the SWR LED completely extinguishes on the PDR-3A.
>
> This is the second time that a defective piece of test equipment led my a long way down the wrong road.
>
> Sorry I inflicted the pain on the group as well but all is well now,
>
> Thanks again - Mike
>
>
> --- In pfr3_group@yahoogroups.com, "k9jri@" <k9jri@> wrote:
> >
> > I found an older photo of a previous version of the PFR3 circuit board. On the older board a coax cable attaches to the circuit board right at the "COAX/BLT" switch. On the newer, current, board the 50 ohm connection is a circuit board foil that goes on both sides of the board to get to the output connections.
> >
> > My "GUESS" is that this is enough to introduce sufficient reactances to cause the bridge to not balance when a dummy load is plugged right into the BNC connector.
> >

> > I think this project is now COMPLETE :) I guess I had better brush up on my CW now.
> >
> > Very 73 - Mike - K9JRI
>

1794. Re: Tune - Operate probem - A confession and a question

Yahoo group: pfr3_group
Date: 2010-11-18 01:43:21 UTC
From: k9jri@att.net
Topic: 1524 Message: 1794

Bob, you are more than welcome. It drove me crazy for the better part of a week. It made perfect sense after I found it though :)

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "Bob Jensen" <bobajensen@...> wrote:
>
> Mike,
>
> Just wanted to thank you for posting the problem with Hendricks dummy load. I've recently been banging my head against the wall with the same problem, high SWR on a dummy load. Ohm reading on my Fluke was 49.8, MJF reading SWR of 13:1. Couldn't figure out what was going on. Saw your post and went downstairs and clipped out the detector diode. Bang zoom I have a functional dummy load again.
>
> If you hadn't shared what you'd found with the group, I'd still be in the dark.
>
> Thx es 73,
> Bob
> W0GAF
>
> --- In pfr3_group@yahoogroups.com, "k9jri@" <k9jri@> wrote:
> >
> > Not being able to let the SWR LED issue alone even though I thought that it was affected by the circuit board change I decided to do two additional tests:
> >
> > 1. Replace the Hendricks QRP Kits dummy load with my 300 watt MFJ dummy load. SURPRISE the SWR LED Went completely dark. Obviously something wrong with the QRP dummy load.
> >
> > 2. Test the Hendricks QRP dummy load. DC resistance tests with a Fluke 77 read 49.8 ohms. I then attached the QRP dummy load to my MFJ SWR analyzer and it read and SWR of 15.4, X=2 and R=1 ohm. I really didn't know how that can be possible so I did some additionl tests and found that the detector diode, on the dummy load, was shorted. When removed the QRP dummy measures 1:1 on the MFJ and the SWR LED completely extinguishes on the PDR-3A.
> >
> > This is the second time that a defective piece of test equipment led my a long way down the wrong road.
> >
> > Sorry I inflicted the pain on the group as well but all is well now,
> >
> > Thanks again - Mike
> >
> >
> > --- In pfr3_group@yahoogroups.com, "k9jri@" <k9jri@> wrote:

> > >
> > > I found an older photo of a previous version of the PFR3 circuit board. On the older board a coax cable attaches to the circuit board right at the "COAX/BLT" switch. On the newer, current, board the 50 ohm connection is a circuit board foil that goes on both sides of the board to get to the output connections.
> > >
> > > My "GUESS" is that this is enough to introduce sufficient reactances to cause the bridge to not balance when a dummy load is plugged right into the BNC connector.
> > >
> > > I think this project is now COMPLETE :) I guess I had better brush up on my CW now.
> > >
> > > Very 73 - Mike - K9JRI
> >
>

1795. PFR3A

Yahoo group: pfr3_group
Date: 2010-11-27 15:37:46 UTC
From: Charles
Topic: 1795 Message: 1795

Thanks to Dale Putnam, my little "Yeller Feller" is back on the air and working like a charm. Worked 13 countries in an hour and a half, this morning, during the WW CW DX contest. Gonna eat some late breakfast and try for more until Ohio State vs Michigan comes on the tube this afternoon. Big party in Columbus tonight!!!!!

1796. Re: PFR3A

Yahoo group: pfr3_group
Date: 2010-11-29 00:50:33 UTC
From: John Parnell
Topic: 1795 Message: 1796

Good show! I actually did the CQWW with 100W and a G5RV, hunting and pouncing to see if I could work 100 entities in a weekend: close but no cigar with "only" 87.

Towards the end, when there were no more New Ones to be found, I decided to run QRP with my little Hendricks PFR3 and the G5RV: in about 25 minutes I worked: UA0,JA,KH6,LU,OH and KL7. Makes me wonder what I could have done with the 36 hours I was on using QRP. maybe next time.

If I had worked the easy to snag Ceuta Isl or Canary Isl. Big Guns, (they counts as Africa) AND an Antarctic QSO, I would be eligible for QRP WAC! One thing was for sure: the QRP was the more fun.

72 de k7hv

1797. 1st Assembly Group Test

Yahoo group: pfr3_group
Date: 2010-12-01 03:25:44 UTC
From: darin31683
Topic: 1797 Message: 1797

Hi Everyone,

This is my first post in the group. I finished the first assembly group, hooked up the 9v battery, turned it on, and all I get are 3 red decimal points on the display. Has anyone seen this before? I tried searching, but I didn't see anything that appeared to be related to my problem.

I soldered one component at a time, checked every solder joint as I progressed, and I tested every component my multimeter supported.

Thanks!
Darin
KJ6KAF

1798. RE: [pfr3_group] 1st Assembly Group Test

Yahoo group: pfr3_group
Date: 2010-12-01 13:43:01 UTC
From: Dale Putnam
Topic: 1797 Message: 1798

Hi Darin,
The orientation of the display is somewhat confusing, and also check the driver for proper orientation. I found it very easy to
set them both in reversed. I'd suspect that, if all the solder looks very good. It is easy for me to lose track of which edge of the board is up... when putting the display in place. Keep in touch, there are many helpful folks here,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: darinh@...
Date: Wed, 1 Dec 2010 03:25:44 +0000
Subject: [pfr3_group] 1st Assembly Group Test

Hi Everyone,

This is my first post in the group. I finished the first assembly group, hooked up the 9v battery, turned it on, and all I get are 3 red decimal points on the display. Has anyone seen this before? I tried searching, but I didn't see anything that appeared to be related to my problem.

I soldered one component at a time, checked every solder joint as I progressed, and I tested every component my multimeter supported.

Thanks!
Darin
KJ6KAF

1799. Im ready for a dial

Yahoo group: pfr3_group
Date: 2010-12-02 03:28:45 UTC
From: rich_nf8v
Topic: 1799 Message: 1799

Hello all

I have a 3A and Im sick of the buttons. there was a dial here once. I contacted him but he did not know when he would do a run again and contact me. That was months ago. Anybody else do this?
tnx in advance.
Rich NF8V

1800. Re: [pfr3_group] Im ready for a dial

Yahoo group: pfr3_group
Date: 2010-12-02 04:22:07 UTC
From: arthurok
Topic: 1799 Message: 1800

it wouldnt be very hard for the designer to modify the software so it would work with a rotary encoder
----- Original Message -----
From: rich_nf8v
To: pfr3_group@yahoogroups.com
Sent: Wednesday, December 01, 2010 9:28 PM
Subject: [pfr3_group] Im ready for a dial

Hello all

I have a 3A and Im sick of the buttons. there was a dial here once. I contacted him but he did not know when he would do a run again and contact me. That was months ago. Anybody else do this?
tnx in advance.
Rich NF8V

1801. Re: Im ready for a dial

Yahoo group: pfr3_group
Date: 2010-12-02 04:42:40 UTC
From: James
Topic: 1799 Message: 1801

Check out his website:
http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html

i emailed Miroslav and he hopes to have a batch of the kits ready in a week or so.

1802. PFR3/PFR3A

Yahoo group: pfr3_group
Date: 2010-12-02 04:45:19 UTC
From: wb4mnk@bellsouth.net
Topic: 1802 Message: 1802

What is the difference in the PFR3 and the PFR3A ?

73,
Art
WB4MNK

1803. Re: [pfr3_group] PFR3/PFR3A

Yahoo group: pfr3_group
Date: 2010-12-02 04:51:05 UTC
From: MAXXOUT2@AOL.COM
Topic: 1802 Message: 1803

http://www.w2lj.qrpradio.com/index%20page%202.html
(http://www.w2lj.qrpradio.com/index%20page%202.html)

Read this
BOB
AF2Q

In a message dated 12/1/2010 11:45:32 P.M. Eastern Standard Time,
wb4mnk@... writes:

What is the difference in the PFR3 and the PFR3A ?

73,
Art
WB4MNK

1804. RE: [pfr3_group] Re: Im ready for a dial

Yahoo group: pfr3_group
Date: 2010-12-02 12:37:55 UTC
From: Dale Putnam
Topic: 1799 Message: 1804

I've put a number of Miroslav's encoders on PFR3s, they go on easily, and mount nicely into the case. They've worked nicely each time, without a hiccup.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jecford@...
Date: Thu, 2 Dec 2010 04:42:40 +0000
Subject: [pfr3_group] Re: Im ready for a dial

Check out his website:
http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html

i emailed Miroslav and he hopes to have a batch of the kits ready in a week or so.

1805. [pfr3_group] Re: Im ready for a dial

Yahoo group: pfr3_group
Date: 2010-12-02 14:08:55 UTC
From: Dale Putnam
Topic: 1799 Message: 1805

From: daleputnam@...
To: bvkirk@...
Subject: RE: [pfr3_group] Re: Im ready for a dial
Date: Thu, 2 Dec 2010 07:07:45 -0700

It mounts centered betweent the tuner and the dial, and vertically centered. Built with the height of the components above the board prime concern. Very careful measurement to place it where it will fit correctly is required, then PLEASE remove the radio pc from the front cover, to drill or punch the hole for the shaft. I like a punch better than a drill. Esthetics you know. But again, for me, very careful measurement to place it.
one trick might be to use a sponge cut to the approx shape and size, then place it into the selected location, put the top cover back into place, two or three placements make it obvious as to where and how, exactly.

OK?

--... ...-- Dale - WC7S in Wy

Date: Thu, 2 Dec 2010 07:57:28 -0600
Subject: Re: [pfr3_group] Re: Im ready for a dial
From: bvkirk@...
To: daleputnam@hotmail.com

Dale,
Can you advise how you have installed this encoder on your PFR-3? I would appreciate any information.

Best 73,
Bill
W0PT

bvkirk@gmail.com

On Thu, Dec 2, 2010 at 6:37 AM, Dale Putnam <daleputnam@...> wrote:

I've put a number of Miroslav's encoders on PFR3s, they go on easily, and mount nicely into the case. They've worked nicely each time, without a hiccup.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jecford@...
Date: Thu, 2 Dec 2010 04:42:40 +0000
Subject: [pfr3_group] Re: Im ready for a dial

Check out his website:
http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html

i emailed Miroslav and he hopes to have a batch of the kits ready in a week or so.

1806. RE: "Dial" for PFR-3

Yahoo group: pfr3_group
Date: 2010-12-03 01:07:09 UTC
From: Dale Putnam
Topic: 1806 Message: 1806

JB asked, and with it being the time of year it is, let me answer this with generalities for now, if someone wants the exact wiring, and such, I can do that, but I will have to refer to the notes/schematics and such that I have in the shack.
First the hookup consists of five conductors plus a power lead, including a ground. The four control conductors go to the high side of each pushbutton. Power is taken from the switched side of the on/off switch, tack it carefully onto the lead of the switch. I used a computer 6 conductor ribbon cable, taking it to the bottom side of the board all together, leaving enough length of cable to wire it in, with the board out of the case, test, then place the board back into the case.
The cable goes around the board, on the push button side of the board. The last conductor of the cable needed is a good ground, that is easy to pick up the ground plane of the board near one of the push button switches.
Please let Miroslav know that you intend to use your encoder with the PFR3, when you order. With the encoder, the counter still works but the freq control can be done from the pushbuttons, up or down, or with the encoder clockwise or counter clockwise. The encoder also allows for a touch to announce the freq, that is not necessary, as the dial is always on, while you are using the radio.
The encoder makes it quite easy to qsy across the band, at almost any speed, however, "spinning the dial" as can be done with some of the analog vfos isn't quite possible, as the encoder must count. So, you can turn the dial quickly, but it is sometimes possible, to out run the counter, when that happens the radio doesn't move or change freq. it just sits there, waiting for the encoder to count away.
This is a very nice addition to the PFR-3, and can be done with little effort, and a fine rewarding result.

How does that look JB?

--... ...-- Dale - WC7S in Wy

> Date: Thu, 2 Dec 2010 23:42:13 +0000
> From: jecford@...
> To: daleputnam@hotmail.com
> Subject: "Dial" for PFR-3
>
> Can you post info regarding
> 1. hooking the encoder up to PFR-3
> 2. What functions are accessible with it.
>
> Miroslav's info is for the other rig and I am too dumb to figure out the differences.
>
> thanks
>
> JBFord
> K5ACO
>

1807. Re: "Dial" for PFR-3

Yahoo group: pfr3_group
Date: 2010-12-03 01:58:12 UTC
From: James
Topic: 1806 Message: 1807

Thanks!

That is plenty specific enough for me (after looking at the info on the encoder dial).

JB
K5ACO

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> JB asked, and with it being the time of year it is, let me answer this with generalities for now, if someone wants the exact wiring, and such, I can do that,

1808. Re: PFR3/PFR3A

Yahoo group: pfr3_group
Date: 2010-12-03 02:09:19 UTC
From: ad1os808
Topic: 1802 Message: 1808

On my PFR3, it doesn't say rev-A on the PCB, it has no "tune" function, and the mounting layout for the BLT transformer is different than a 3A. Also some differences in the audio circuit.
Mike AD1OS

--- In pfr3_group@yahoogroups.com, "wb4mnk@..." <wb4mnk@...> wrote:
>
> What is the difference in the PFR3 and the PFR3A ?
>
> 73,
> Art
> WB4MNK
>

1809. Re: [pfr3_group] Re: PFR3/PFR3A

Yahoo group: pfr3_group
Date: 2010-12-03 03:15:12 UTC
From: Art
Topic: 1802 Message: 1809

Mike,

Thank you for the information. I am trying to decide what QRP kit I should buy. I keep coming back to the PFR3 because of price and built in features plus the 5 watt output.

73,
Art
WB4MNK

On 12/2/2010 9:09 PM, ad1os808 wrote:
>
> On my PFR3, it doesn't say rev-A on the PCB, it has no "tune"
> function, and the mounting layout for the BLT transformer is different
> than a 3A. Also some differences in the audio circuit.
> Mike AD1OS
>
> --- In pfr3_group@yahoogroups.com
> <mailto:pfr3_group%40yahoogroups.com>, "wb4mnk@..." <wb4mnk@...> wrote:
> >
> > What is the difference in the PFR3 and the PFR3A ?
> >
> > 73,
> > Art
> > WB4MNK
> >
>
>

1810. RE: [pfr3_group] Re: "Dial" for PFR-3

Yahoo group: pfr3_group
Date: 2010-12-03 03:43:15 UTC
From: Dale Putnam
Topic: 1806 Message: 1810

You're welcome JB, happy to help,
anytime,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jecford@...
Date: Fri, 3 Dec 2010 01:58:12 +0000
Subject: [pfr3_group] Re: "Dial" for PFR-3

Thanks!

That is plenty specific enough for me (after looking at the info on the encoder dial).

JB
K5ACO

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> JB asked, and with it being the time of year it is, let me answer this with generalities for now, if someone wants the exact wiring, and such, I can do that,

1811. Re: [pfr3_group] Re: "Dial" for PFR-3

Yahoo group: pfr3_group
Date: 2010-12-03 14:12:08 UTC
From: ckwishmeier@cs.com
Topic: 1806 Message: 1811

Dale,

Does the encoder actually enable tuning the radio faster from end to end of the band? The speed of changing freq. is my only objection to the buttons. I often find it faster to just enter the freq. I want.

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, Dec 2, 2010 10:43 pm
Subject: RE: [pfr3_group] Re: "Dial" for PFR-3

You're welcome JB, happy to help,
anytime,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jecford@...
Date: Fri, 3 Dec 2010 01:58:12 +0000
Subject: [pfr3_group] Re: "Dial" for PFR-3

Thanks!

That is plenty specific enough for me (after looking at the info on the encoder dial).

JB
K5ACO

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> JB asked, and with it being the time of year it is, let me answer this with generalities for now, if someone wants the exact wiring, and such, I can do that,

1812. RE: [pfr3_group] Re: "Dial" for PFR-3

Yahoo group: pfr3_group
Date: 2010-12-03 14:43:20 UTC
From: Dale Putnam
Topic: 1806 Message: 1812

Hi Keith,
The encoder MIGHT be a tiny bit faster.. but you have already found the fastest way to qsy, that being the DFE method.
However, for me, what the encoder does do... is makes it easy for me to move between two freq without having to watch the dial...
I can turn the knob, approximately the same each time.. first one way then the other.. and emulate having two vfos. Much the same as
what would be done in dx piles... and this one makes it extremely easy to zero the last successful station, or at least get close.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Fri, 3 Dec 2010 09:12:08 -0500
Subject: Re: [pfr3_group] Re: "Dial" for PFR-3

Dale,

Does the encoder actually enable tuning the radio faster from end to end of the band? The speed of changing freq. is my only objection to the buttons. I often find it faster to just enter the freq. I want.

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, Dec 2, 2010 10:43 pm
Subject: RE: [pfr3_group] Re: "Dial" for PFR-3

You're welcome JB, happy to help,
anytime,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jecford@suddenlink.net
Date: Fri, 3 Dec 2010 01:58:12 +0000
Subject: [pfr3_group] Re: "Dial" for PFR-3

Thanks!

That is plenty specific enough for me (after looking at the info on the encoder dial).

JB
K5ACO

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> JB asked, and with it being the time of year it is, let me answer this with generalities for now, if someone wants the exact wiring, and such, I can do that,

1813. Re: Im ready for a dial

Yahoo group: pfr3_group
Date: 2010-12-05 23:18:48 UTC
From: rich_nf8v
Topic: 1799 Message: 1813

It seems like it could tapped of the buttons with jumpers.
Rich

--- In pfr3_group@yahoogroups.com, "arthurok" <arthurok@...> wrote:
>
> it wouldnt be very hard for the designer to modify the software so it would work with a rotary encoder
> ----- Original Message -----
> From: rich_nf8v
> To: pfr3_group@yahoogroups.com
> Sent: Wednesday, December 01, 2010 9:28 PM
> Subject: [pfr3_group] Im ready for a dial
>
>
>
> Hello all
>
> I have a 3A and Im sick of the buttons. there was a dial here once. I contacted him but he did not know when he would do a run again and contact me. That was months ago. Anybody else do this?
> tnx in advance.
> Rich NF8V
>

1814. Re: Im ready for a dial

Yahoo group: pfr3_group
Date: 2010-12-06 00:01:26 UTC
From: rich_nf8v
Topic: 1799 Message: 1814

Oh Goody! I just email him to make sure I get on the list.
73 Rich
--- In pfr3_group@yahoogroups.com, "James" <jecford@...> wrote:
>
>
>
> Check out his website:
> http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html
>
> i emailed Miroslav and he hopes to have a batch of the kits ready in a week or so.
>

1815. Re: [pfr3_group] Re: Im ready for a dial

Yahoo group: pfr3_group
Date: 2010-12-06 00:07:45 UTC
From: Doug Jackson
Topic: 1799 Message: 1815

On this subject, has anybody thought of either (1) asking the original developer to release the source, or (2) re-writing similar code to provide the same functionality, and allowing it to be open, to encourage experimentation?

Doug Jackson
VK1ZDJ

1816. Re: Im ready for a dial

Yahoo group: pfr3_group
Date: 2010-12-06 00:10:36 UTC
From: rich_nf8v
Topic: 1799 Message: 1816

Hi Dale
Ill watch it with the power tools.
Rich NF8V

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
>
>
>
>
> From: daleputnam@...
> To: bvkirk@...
> Subject: RE: [pfr3_group] Re: Im ready for a dial
> Date: Thu, 2 Dec 2010 07:07:45 -0700
>
>
>
>
> It mounts centered betweent the tuner and the dial, and vertically centered. Built with the height of the components above the board prime concern. Very careful measurement to place it where it will fit correctly is required, then PLEASE remove the radio pc from the front cover, to drill or punch the hole for the shaft. I like a punch better than a drill. Esthetics you know. But again, for me, very careful measurement to place it.
> one trick might be to use a sponge cut to the approx shape and size, then place it into the selected location, put the top cover back into place, two or three placements make it obvious as to where and how, exactly.
>
> OK?
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> Date: Thu, 2 Dec 2010 07:57:28 -0600
> Subject: Re: [pfr3_group] Re: Im ready for a dial
> From: bvkirk@...
> To: daleputnam@...
>
> Dale,
> Can you advise how you have installed this encoder on your PFR-3? I would appreciate any information.
>

> Best 73,
> Bill
> W0PT
>
> bvkirk@...
>
>
> On Thu, Dec 2, 2010 at 6:37 AM, Dale Putnam <daleputnam@...> wrote:
>
>
>
>
>
> I've put a number of Miroslav's encoders on PFR3s, they go on easily, and mount nicely into the case. They've worked nicely each time, without a hiccup.
> Have a great day,
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: jecford@...
> Date: Thu, 2 Dec 2010 04:42:40 +0000
> Subject: [pfr3_group] Re: Im ready for a dial
>
>
>
>
>
>
>
> Check out his website:
> http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html
>
> i emailed Miroslav and he hopes to have a batch of the kits ready in a week or so.
>

1817. PFR3 and 3A source code

Yahoo group: pfr3_group
Date: 2010-12-06 03:02:24 UTC
From: Steven
Topic: 1817 Message: 1817

Okay, what the heck. I added the source code files for both the PFR-3 and 3A to the files section. There might be a couple of AVR programmers out there who can hack the code and make some improvements or ehancements, but I didn't leave you much to work with. There are only 200 bytes of free program memory left. But then, a lot can be done with 200 bytes.

I belive adding direct rotary tuning is not possible without extensive modification of the hardware due to the hardware design and the lack of spare I/O ports. Of course, saying that might encourage someone to prove I'm wrong...

72, Steve KD1JV

1818. Re: [pfr3_group] PFR3 and 3A source code

Yahoo group: pfr3_group
Date: 2010-12-06 04:30:29 UTC
From: arthurok
Topic: 1817 Message: 1818

now im going to have to buy a pfr3a for myself so that i can tinker with its firmware.
"im a pic chip guy but i can probably work with an avr too."
some intresting features can be added to the unit like maybe out of band coverage for special applications + other interesting features.
maybe with a very small amount of additional hardware the firmware can be modified to make adding a rotary encoder very simple.
its takes a big man to expose his source code to the world.

----- Original Message -----
From: Steven
To: pfr3_group@yahoogroups.com
Sent: Sunday, December 05, 2010 9:02 PM
Subject: [pfr3_group] PFR3 and 3A source code

Okay, what the heck. I added the source code files for both the PFR-3 and 3A to the files section. There might be a couple of AVR programmers out there who can hack the code and make some improvements or ehancements, but I didn't leave you much to work with. There are only 200 bytes of free program memory left. But then, a lot can be done with 200 bytes.

I belive adding direct rotary tuning is not possible without extensive modification of the hardware due to the hardware design and the lack of spare I/O ports. Of course, saying that might encourage someone to prove I'm wrong...

72, Steve KD1JV

1819. Re: [pfr3_group] PFR3 and 3A source code

Yahoo group: pfr3_group
Date: 2010-12-06 15:26:44 UTC
From: ckwishmeier@cs.com
Topic: 1817 Message: 1819

I don't what the big thing is about tuning with the buttons. My only complaint would be the speed of the scan. Using a rotary knob would only improve this great radio (PFR3A) if the speed of crossing the band increased considerably.

Keith
WA9S

-----Original Message-----
From: Steven <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, Dec 5, 2010 10:02 pm
Subject: [pfr3_group] PFR3 and 3A source code

Okay, what the heck. I added the source code files for both the PFR-3 and 3A to the files section. There might be a couple of AVR programmers out there who can hack the code and make some improvements or ehancements, but I didn't leave you much to work with. There are only 200 bytes of free program memory left. But then, a lot can be done with 200 bytes.

I belive adding direct rotary tuning is not possible without extensive modification of the hardware due to the hardware design and the lack of spare I/O ports. Of course, saying that might encourage someone to prove I'm wrong...

72, Steve KD1JV

1820. RE: [pfr3_group] PFR3 and 3A source code

Yahoo group: pfr3_group
Date: 2010-12-06 15:43:26 UTC
From: Dale Putnam
Topic: 1817 Message: 1820

Maybe two speeds for scan could be implemented? Too fast = missed signals... too slow= can't get there fast enough.
Or DFE could work in the latter case.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Mon, 6 Dec 2010 10:26:44 -0500
Subject: Re: [pfr3_group] PFR3 and 3A source code

I don't what the big thing is about tuning with the buttons. My only complaint would be the speed of the scan. Using a rotary knob would only improve this great radio (PFR3A) if the speed of crossing the band increased considerably.

Keith
WA9S

-----Original Message-----
From: Steven <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, Dec 5, 2010 10:02 pm
Subject: [pfr3_group] PFR3 and 3A source code

Okay, what the heck. I added the source code files for both the PFR-3 and 3A to the files section. There might be a couple of AVR programmers out there who can hack the code and make some improvements or ehancements, but I didn't leave you much to work with. There are only 200 bytes of free program memory left. But then, a lot can be done with 200 bytes.

I belive adding direct rotary tuning is not possible without extensive modification of the hardware due to the hardware design and the lack of spare I/O ports. Of course, saying that might encourage someone to prove I'm wrong...

72, Steve KD1JV

1821. Re: [pfr3_group] PFR3 and 3A source code

Yahoo group: pfr3_group
Date: 2010-12-06 15:57:03 UTC
From: ckwishmeier@cs.com
Topic: 1817 Message: 1821

I like the two speed idea. Otherwise I just use DFE.

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Dec 6, 2010 10:43 am
Subject: RE: [pfr3_group] PFR3 and 3A source code

Maybe two speeds for scan could be implemented? Too fast = missed signals... too slow= can't get there fast enough.
Or DFE could work in the latter case.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Mon, 6 Dec 2010 10:26:44 -0500
Subject: Re: [pfr3_group] PFR3 and 3A source code

I don't what the big thing is about tuning with the buttons. My only complaint would be the speed of the scan. Using a rotary knob would only improve this great radio (PFR3A) if the speed of crossing the band increased considerably.

Keith
WA9S

-----Original Message-----
From: Steven <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, Dec 5, 2010 10:02 pm
Subject: [pfr3_group] PFR3 and 3A source code

Okay, what the heck. I added the source code files for both the PFR-3 and 3A to the files section. There might be a couple of AVR programmers out there who can hack the code and make some improvements or ehancements, but I didn't leave you much to work with. There are only 200 bytes of free program memory left. But then, a lot can be done with 200 bytes.

I belive adding direct rotary tuning is not possible without extensive modification of the hardware due to the hardware design and the lack of spare I/O ports. Of course, saying that might encourage someone to prove I'm wrong...

72, Steve KD1JV

1822. Re: [pfr3_group] PFR3 and 3A source code

Yahoo group: pfr3_group
Date: 2010-12-07 05:39:13 UTC
From: arthurok
Topic: 1817 Message: 1822

sony made some short wave portable radios that worked that way
if you held the tuning button down long enough the slewing rate would ijncrease "short tap a step short hold down slow slew long hold down fast slew."
----- Original Message -----
From: ckwishmeier@...
To: pfr3_group@yahoogroups.com
Sent: Monday, December 06, 2010 9:57 AM
Subject: Re: [pfr3_group] PFR3 and 3A source code

I like the two speed idea. Otherwise I just use DFE.

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Dec 6, 2010 10:43 am
Subject: RE: [pfr3_group] PFR3 and 3A source code

Maybe two speeds for scan could be implemented? Too fast = missed signals... too slow= can't get there fast enough.
Or DFE could work in the latter case.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ckwishmeier@cs.com
Date: Mon, 6 Dec 2010 10:26:44 -0500
Subject: Re: [pfr3_group] PFR3 and 3A source code

I don't what the big thing is about tuning with the buttons. My only complaint would be the speed of the scan. Using a rotary knob would only improve this great radio (PFR3A) if the speed of crossing the band increased considerably.

Keith
WA9S

-----Original Message-----
From: Steven <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, Dec 5, 2010 10:02 pm
Subject: [pfr3_group] PFR3 and 3A source code

Okay, what the heck. I added the source code files for both the PFR-3 and 3A to the files section. There might be a couple of AVR programmers out there who can hack the code and

make some improvements or ehancements, but I didn't leave you much to work with. There are only 200 bytes of free program memory left. But then, a lot can be done with 200 bytes.

I belive adding direct rotary tuning is not possible without extensive modification of the hardware due to the hardware design and the lack of spare I/O ports. Of course, saying that might encourage someone to prove I'm wrong...

72, Steve KD1JV

1823. Re: PFR3 and 3A source code

Yahoo group: pfr3_group
Date: 2010-12-07 16:06:45 UTC
From: wb9dlc
Topic: 1817 Message: 1823

I agree with Keith - tho tuning up and down with buttons did take a little getting used to. After a short time you figure out that pulling the UP BUTTON down does not make the frequency go down ;-)

I don't usually make big frequency excursions but, if I do, I use the direct frequency entry mode. It is easy to forget that you can do this.

73 de Mike - WB9DLC

--- In pfr3_group@yahoogroups.com, ckwishmeier@... wrote:
>
>
> I don't what the big thing is about tuning with the buttons. My only complaint would be the speed of the scan. Using a rotary knob would only improve this great radio (PFR3A) if the speed of crossing the band increased considerably.
>
> Keith
> WA9S
>
>
>
>
>
>
>
> -----Original Message-----
> From: Steven <steve.kd1jv@...>
> To: pfr3_group@yahoogroups.com
> Sent: Sun, Dec 5, 2010 10:02 pm
> Subject: [pfr3_group] PFR3 and 3A source code
>
>
>
>
>
> Okay, what the heck. I added the source code files for both the PFR-3 and 3A to the files section. There might be a couple of AVR programmers out there who can hack the code and make some improvements or ehancements, but I didn't leave you much to work with. There are only 200 bytes of free program memory left. But then, a lot can be done with 200 bytes.
>
> I belive adding direct rotary tuning is not possible without extensive modification of the hardware due to the hardware design and the lack of spare I/O ports. Of course, saying that might encourage someone to prove I'm wrong...
>
> 72, Steve KD1JV
>

1824. Re: [pfr3_group] PFR3 and 3A source code

Yahoo group: pfr3_group
Date: 2010-12-08 21:29:01 UTC
From: Bert Thompson
Topic: 1817 Message: 1824

Merry Christmas to all,

I use my "PFR-3" everyday and still enjoy it. I hope that the new owners of this nice rig don't hack the code to much or they could end up with an "SDR" that is always in need of "JOMSC" just one more software change. 73

Bert M. Thompson KB3MHB/0

--- On Mon, 12/6/10, Steven <steve.kd1jv@...> wrote:

From: Steven <steve.kd1jv@gmail.com>
Subject: [pfr3_group] PFR3 and 3A source code
To: pfr3_group@yahoogroups.com
Date: Monday, December 6, 2010, 3:02 AM

Okay, what the heck. I added the source code files for both the PFR-3 and 3A to the files section. There might be a couple of AVR programmers out there who can hack the code and make some improvements or ehancements, but I didn't leave you much to work with. There are only 200 bytes of free program memory left. But then, a lot can be done with 200 bytes.

I belive adding direct rotary tuning is not possible without extensive modification of the hardware due to the hardware design and the lack of spare I/O ports. Of course, saying that might encourage someone to prove I'm wrong...

72, Steve KD1JV

1825. indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-09 18:10:30 UTC
From: jwonch20
Topic: 1825 Message: 1825

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well this rig would perform with an apartment antenna?

1826. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-09 20:03:36 UTC
From: ckwishmeier@cs.com
Topic: 1825 Message: 1826

If you have an operable window, I have found the best antenna to be one made by B&W. It is a sloped vertical that clips onto the window frame or sill and sticks outside at about a 45 degree angle. Then a wire counterpoise matched to the band you are working is run along the floor of your shack. It works best on the higher frequency bands, 20 meters and up. I have never tried one on 30 meters. Just keep in mind that when operating QRP, the antenna is the most inportant item. My PFR3A is a real killer when usid with my home antennas (40 meter dipole at 45 feet and triband yagi at 45 feet). It's a much bigger challange when we are out in the field and just throwing some wire up into the trees.

Keith
WA9S

-----Original Message-----
From: jwonch20 <jwonch20@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, Dec 9, 2010 1:10 pm
Subject: [pfr3_group] indoor antennas

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well this rig would perform with an apartment antenna?

1827. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-09 21:04:46 UTC
From: arthurok
Topic: 1825 Message: 1827

at qrp power levels as with the pfr3 wide range balanced/ unbalanced tuner. i believe that many diffrenrt types of simple antennas can be made up that will work even better then the bw thing.
even lamp cord could be used to make up a balanced antenna on 40 m
personally id use some 300 ohm old fashioned tv twin lead.
little balluns and matching trtansformers + traps can be easily made up "currents arent very high voltages are small"
----- Original Message -----
From: ckwishmeier@...
To: pfr3_group@yahoogroups.com
Sent: Thursday, December 09, 2010 2:03 PM
Subject: Re: [pfr3_group] indoor antennas

If you have an operable window, I have found the best antenna to be one made by B&W. It is a sloped vertical that clips onto the window frame or sill and sticks outside at about a 45 degree angle. Then a wire counterpoise matched to the band you are working is run along the floor of your shack. It works best on the higher frequency bands, 20 meters and up. I have never tried one on 30 meters. Just keep in mind that when operating QRP, the antenna is the most inportant item. My PFR3A is a real killer when usid with my home antennas (40 meter dipole at 45 feet and triband yagi at 45 feet). It's a much bigger challange when we are out in the field and just throwing some wire up into the trees.

Keith
WA9S

-----Original Message-----
From: jwonch20 <jwonch20@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, Dec 9, 2010 1:10 pm
Subject: [pfr3_group] indoor antennas

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well this rig would perform with an apartment antenna?

1828. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-09 23:12:11 UTC
From: sigcom@juno.com
Topic: 1825 Message: 1828

Hi,

Don't take this as me being facetious but the PFR will work as well as any other 5 Watt radio on an inside antenna. If an indoor antenna is all you can use you'll just need more patience, persistence and optimization. Depending on your particular indoor antenna configuration, its performance might be amazing. It will certainly be better than no antenna at all!

Best of luck with your PFR-3.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "jwonch20" <jwonch20@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] indoor antennas
Date: Thu, 09 Dec 2010 18:10:30 -0000

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well this rig would perform with an apartment antenna?

1829. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-10 02:21:34 UTC
From: arthurok
Topic: 1825 Message: 1829

i wouldnt use a high power hf rig with an hf antenna
my main rig outputs about 600 w pep
and i wouldnt run that much power into an indoor or attic antenna
"fires+ personal high level rf exposure if very close to it.
----- Original Message -----
From: sigcom@juno.com
To: pfr3_group@yahoogroups.com
Sent: Thursday, December 09, 2010 5:12 PM
Subject: Re: [pfr3_group] indoor antennas

Hi,

Don't take this as me being facetious but the PFR will work as well as any other 5 Watt radio on an inside antenna. If an indoor antenna is all you can use you'll just need more patience, persistence and optimization. Depending on your particular indoor antenna configuration, its performance might be amazing. It will certainly be better than no antenna at all!

Best of luck with your PFR-3.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "jwonch20" <jwonch20@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] indoor antennas
Date: Thu, 09 Dec 2010 18:10:30 -0000

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well this rig would perform with an apartment antenna?

1830. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-10 02:44:40 UTC
From: arthurok
Topic: 1825 Message: 1830

receiving shouldnt be much of a problem but getting out esp on 40 m with an apartment antenna
might be a problem.
like i mentioned earlier with a 5watt cw only rig maybe something clandistine could be rigged up
so noone would notice it.
----- Original Message -----
From: jwonch20
To: pfr3_group@yahoogroups.com
Sent: Thursday, December 09, 2010 12:10 PM
Subject: [pfr3_group] indoor antennas

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well this rig would perform with an apartment antenna?

1831. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-10 06:28:14 UTC
From: BOB
Topic: 1825 Message: 1831

I had several B&W antennas. What they need to work better is to put 2 feet of rod under the coil and have the feed insulated from the mount. I also cut that mount in half and added 18 inches to keep it away from the buildings brick wall. I also bent the coil of the mount so that the antenna was straight up and vertical. Every morning I got up around 4 AM and used my old MFJ CW rig from a SLA battery and one morning I was right on the grey line and worked Australia and Egypt. Later I purchased the Budd vertical and mounted that on the B&W mount. Later I replaced the telescope whip with a 58 inch long stinger. Take your time and use one coil clip for each band and move it around for lowest SWR then fine tune by adjusting the counter poise wire. However I found that cutting a counter poise wire for each band is much better. If you can you should mount the antenna at the top of the window then tack the counter poise wire to the wall. By moving the counter poise wire up and down you will see the SWR change so when the meter reads ZERO,tack it there. A ham in NC. Was running 50 mils of RF from his beacon and he received a qsl card from New Zealand so don't give up. Bob. AF2Q
REAL HAMS KNOW CW

-----Original Message-----
From: "arthurok" <arthurok@ameritech.net>
Sender: pfr3_group@yahoogroups.com
Date: Thu, 9 Dec 2010 20:44:40
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] indoor antennas

receiving shouldnt be much of a problem but getting out esp on 40 m with an apartment antenna
might be a problem.
like i mentioned earlier with a 5watt cw only rig maybe something clandistine could be rigged up
so noone would notice it.
----- Original Message -----
From: jwonch20
To: pfr3_group@yahoogroups.com
Sent: Thursday, December 09, 2010 12:10 PM
Subject: [pfr3_group] indoor antennas

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well this rig would perform with an apartment antenna?

1832. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-10 12:58:42 UTC
From: ckwishmeier@cs.com
Topic: 1825 Message: 1832

Great info on the B&W antenna, Bob. Thanks.

Keith WA9S

-----Original Message-----
From: BOB <MAXXOUT2@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, Dec 10, 2010 1:28 am
Subject: Re: [pfr3_group] indoor antennas

I had several B&W antennas. What they need to work better is to put 2 feet of rod under the coil and have the feed insulated from the mount. I also cut that mount in half and added 18 inches to keep it away from the buildings brick wall. I also bent the coil of the mount so that the antenna was straight up and vertical. Every morning I got up around 4 AM and used my old MFJ CW rig from a SLA battery and one morning I was right on the grey line and worked Australia and Egypt. Later I purchased the Budd vertical and mounted that on the B&W mount. Later I replaced the telescope whip with a 58 inch long stinger. Take your time and use one coil clip for each band and move it around for lowest SWR then fine tune by adjusting the counter poise wire. However I found tha t cutting a counter poise wire for each band is much better. If you can you should mount the antenna at the top of the window then tack the counter poise wire to the wall. By moving the counter poise wire up and down you will see the SWR change so when the meter reads ZERO,tack it there. A ham in NC. Was running 50 mils of RF from his beacon and he received a qsl card from New Zealand so don't give up. Bob. AF2Q
REAL HAMS KNOW CW
From: "arthurok" <arthurok@...>
Sender: pfr3_group@yahoogroups.com
Date: Thu, 9 Dec 2010 20:44:40 -0600
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] indoor antennas

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might be a problem.
like i mentioned earlier with a 5watt cw only rig maybe something clandistine could be rigged up
so noone would notice it.

----- Original Message -----
From: jwonch20
To: pfr3_group@yahoogroups.com
Sent: Thursday, December 09, 2010 12:10 PM
Subject: [pfr3_group] indoor antennas

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well this rig would perform with an apartment antenna?

1833. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-10 13:48:45 UTC
From: hzp_electronics@juno.com
Topic: 1825 Message: 1833
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1834. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-10 14:17:56 UTC
From: MAXXOUT2@AOL.COM
Topic: 1825 Message: 1834

No one has more steel around them then I do and I have no problem at all working DX with 5 watts
I also worked Germany with a Microvert 13 inch high antenna sitting on the table and my rig was an SST putting out about 2.5 watts.
My walls are loaded with steel beams and I worked into Europe with 30 watts with that 4 foot square rOCK LOOP antenna.
If you read your books you'll find the RF can get coupled into the steel of the walls and actually help the antenna
Hams all over the world are using indoor antenna.
Don't discouraging experimenting.
BOB
AF2Q

In a message dated 12/10/2010 7:50:35 AM Central Standard Time, hzp_electronics@... writes:

Keith,
My experience is that "any" outdoor antenna is better than an indoor one. The tuner with an end-fed wire about 65 feet long works well with about a 10 foot counterpoise on the tune. I use this configuration for portable operation and it works well.

Also if your building has a lot of metal siding or is stucco (with chicken wire), forget the indoor antenna!!
Good luck!! 73
...Bill K3HZP

1835. RE: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-10 15:06:04 UTC
From: Dale Putnam
Topic: 1825 Message: 1835

The particular situation that an indoor antenna lives/operates in, is pretty much the same considerations as those antennas that live outside. The same applies: matched, transfer all the rf from the tx into the antenna for radiation, via the lowest loss feedline possible. Now, how to make the antenna radiate... that would be part of the experimentation, however, you aren't really doing anything different than you would outside... you still need to find the resonant length, if it is a dipole, for example.. the length may be a whole lot different than expected, sometimes you can actually account for the differences, by taking in the effects of power wiring, if the air ducts are close, the roof gutters, the roof cap, the shingles, and for those that have the southwestern look, the wire that holds the tile in place, all of everything around the antenna will have some affect, and thus the cumulative nature of things will make the antennna look a lot different than one outside, hanging from the "free space" supports.
Or.. do the mental exercise of installing a "free space" dipole antenna. we know that it will be 492/f for the length, cut in the middle, feed with a balanced line, 72 ohm works well, and we have an antenna, put it up high enough. Since this is a mental exercise, put it up .... lets say 250 foot up. Alright then, now we have a good working antenna right? ok.. now we likely aren't going to have an attic 250 foot up, so lets pull the antenna down to say... 20foot. ok.. now we have a good working antenna.. it may not be a world class, contest smashing, top of the dx pile, first to get DXCC, best of the best antenna, but it will work for most all of what we need, for now. So, off to talk to the world now, right? Not quite so fast Kemo Sabe, first, let's put this antenna at 20 foot, in "free space", in some.... "protection" from the weather... so lets build some shelter over it.. and because it needs to stay warm lets add some heat, some power lines.. some roofing materials... ok.. now how does the antenna tune up? Did you need to play with the length.. a LOT? Yes, amazingly so.. but now it still works, just like it did, because the coupling into other things, only steals the energy in that particular direction... and I'm thinking that there isn't anyone with an antenna in that direction from your antenna anyway.
Sum it up? Sure, put your antenna in the attic, loop it around the room on pins, tack it to the ceiling with thumbtacks, lean it out of the window, connect your radio to the mobile antenna on your vehicle, (just disconnect before leaving, or the results will make you upset for more than a few days), but hook up your radio... put up an antenna, and get on the air..
Improve, change, move, adjust, and overall, make the antenna better.. as you spend time on the air.. yes! But the key? GET on the air... it won't get done, by lookin at it, nor worrying about what ifs...
Does it work like we want it too? Maybe, maybe not.. but it is working.. or not.. and when that is determined.. maybe the goal was to get on and have fun.. and instead you had fun... by building something (an antenna) and now it is yours. Is it perfect? Not likely, but it is yours, and now you can change it.
Good Luck, and Merry Christmas,

--... ...-- Dale - WC7S in Wy

PS, can't tell antennas are kinda close to me can you?

1836. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-11 00:05:45 UTC
From: arthurok
Topic: 1825 Message: 1836

build a qrp antenna forget the high power bw stuff
deceide how much room you have and maybe i have some ideas for low power antennas
----- Original Message -----
From: ckwishmeier@...
To: pfr3_group@yahoogroups.com
Sent: Friday, December 10, 2010 6:58 AM
Subject: Re: [pfr3_group] indoor antennas

Great info on the B&W antenna, Bob. Thanks.

Keith WA9S

-----Original Message-----
From: BOB <MAXXOUT2@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, Dec 10, 2010 1:28 am
Subject: Re: [pfr3_group] indoor antennas

I had several B&W antennas. What they need to work better is to put 2 feet of rod under the coil and have the feed insulated from the mount. I also cut that mount in half and added 18 inches to keep it away from the buildings brick wall. I also bent the coil of the mount so that the antenna was straight up and vertical. Every morning I got up around 4 AM and used my old MFJ CW rig from a SLA battery and one morning I was right on the grey line and worked Australia and Egypt. Later I purchased the Budd vertical and mounted that on the B&W mount. Later I replaced the telescope whip with a 58 inch long stinger. Take your time and use one coil clip for each band and move it around for lowest SWR then fine tune by adjusting the counter poise wire. However I found tha t cutting a counter poise wire for each band is much better. If you can you should mount the antenna at the top of the window then tack the counter poise wire to the wall. By moving the counter poise wire up and down you will see the SWR change so when the meter reads ZERO,tack it there. A ham in NC. Was running 50 mils of RF from his beacon and he received a qsl card from New Zealand so don't give up. Bob. AF2Q
REAL HAMS KNOW CW

From: "arthurok" <arthurok@...>
Sender: pfr3_group@yahoogroups.com
Date: Thu, 9 Dec 2010 20:44:40 -0600
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] indoor antennas

receiving shouldnt be much of a problem but getting out esp on 40 m with an apartment antenna
might be a problem.
like i mentioned earlier with a 5watt cw only rig maybe something clandistine could be

rigged up
so noone would notice it.
----- Original Message -----
From: jwonch20
To: pfr3_group@yahoogroups.com
Sent: Thursday, December 09, 2010 12:10 PM
Subject: [pfr3_group] indoor antennas

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well this rig would perform with an apartment antenna?

1837. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-11 00:22:10 UTC
From: Lee
Topic: 1825 Message: 1837

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how
> well this rig would perform with an apartment antenna?
>
>
>
>
>
>
> Don't forget the hamstick dipole. Such an antenna can work well, if you get
> it up high. I've had good luck with this arrangement., though my qrp
> activity has been low.
>
>

1838. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-11 05:39:06 UTC
From: arthurok
Topic: 1825 Message: 1838

i wouldnt expect great results with any type of in door transmitting antenna especially with 5 watts
on hf even though its cw.
something like the bw multiband whip antenna might work i would build up a very light duty low power version of it.
at 5 watts the counterpoise could be inside?? "i think im right"
----- Original Message -----
From: Lee
To: pfr3_group@yahoogroups.com
Sent: Friday, December 10, 2010 6:22 PM
Subject: Re: [pfr3_group] indoor antennas

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well this rig would perform with an apartment antenna?

Don't forget the hamstick dipole. Such an antenna can work well, if you get it up high. I've had good luck with this arrangement., though my qrp activity has been low.

1839. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-11 14:02:49 UTC
From: lahagar1@aol.com
Topic: 1825 Message: 1839

Steve, Great comment.

"Jwonch20", A one-watt transmitter and 20m attic dipole is what recharged my interest in ham radio a few years ago. But QSO's of that kind are not very frequent and (sunspot nr. is 33 today) a low power transmitter with a smaller antenna might be very disappointing if that would be your only station.

The smallest antenna I have used with the PFR3 so far is 34 feet of insulated wire. Here is an example the antenna in use:
http://www.youtube.com/user/NG9D?feature=mhum#p/u/3/3kWvXJ_5XgE

But you could string it up in whatever fashion possible (high, straight, clear of other objects as possible). For example, here is the same 34 foot wire, this time held up by a bush about 12 ft off the ground in a horizontal position. (Power in this example is 10W.) You can see the relatively small, and low antenna worked fine:
http://www.youtube.com/user/NG9D?feature=mhum#p/u/43/JD-DjQuL7bk

If you could put up a temporary mast, to be removed after use then you could improve the efficiency. Here is a doublet with homemade balanced line feed. The support is a lightweight PVC tube and the wires are also light-weight. A better antenna makes 5W contacts more reliable:
http://www.youtube.com/user/NG9D?feature=mhum#p/u/19/qaUN9m2u1pQ

This may exceed the bounds of what an "apartment antenna" consists of (even if temporary), but other supports and less visible materials are options to consider. Food for thought... ! I think that the PFR-3A would be a great rig for you to take outside and use as a portable. Then there are virtually no limits to the types of antennas you can try with it useful built-in wide-range tuner. The PFR-3A is a great portable radio.

It would be helpful to know what radio and antenna have you used in the past. And, as I think might have already been asked, what kind of space do you have available? Any access to the attic for example? Or access outside of a window? Can you put up a temporary portable support for a few hours of use? Knowing a bit more about your situation would probably allow the pfr3_group to provide all kinds of useful ideas for your consideration, and may even be able to help answer the question you asked.

73,
NG9D
Lynn

-----Original Message-----
From: sigcom@... <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, Dec 9, 2010 5:12 pm
Subject: Re: [pfr3_group] indoor antennas

Hi,

Don't take this as me being facetious but the PFR will work as well as any other 5 Watt radio on an inside antenna. If an indoor antenna is all you can use you'll just need more patience, persistence and optimization. Depending on your particular indoor antenna configuration, its performance might be amazing. It will certainly be better than no antenna at all!

Best of luck with your PFR-3.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "jwonch20" <jwonch20@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] indoor antennas
Date: Thu, 09 Dec 2010 18:10:30 -0000

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well this rig would perform with an apartment antenna?

1840. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-11 14:21:08 UTC
From: MAXXOUT2@AOL.COM
Topic: 1825 Message: 1840

A few still pictures would be fine
Not all of us have hi speed machines
BOB
AF2Q

http://www.searchandrescuefoundation.org/
(http://www.searchandrescuefoundation.org/)
(609)638-1629

"So Others May Live"

"Never be afraid to try something new. Remember that a lone amateur built the Ark. A large group of professionals built the Titanic." - Dave Barry via Capt John Felker

In a message dated 12/11/2010 8:03:17 AM Central Standard Time, lahagar1@... writes:

Steve, Great comment.

"Jwonch20", A one-watt transmitter and 20m attic dipole is what recharged my interest in ham radio a few years ago. But QSO's of that kind are not very frequent and (sunspot nr. is 33 today) a low power transmitter with a smaller antenna might be very disappointing if that would be your only station.

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(http://www.youtube.com/user/NG9D?feature=mhum#p/u/3/3kWvXJ_5XgE)

But you could string it up in whatever fashion possible (high, straight, clear of other objects as possible). For example, here is the same 34 foot wire, this time held up by a bush about 12 ft off the ground in a horizontal position. (Power in this example is 10W.) You can see the relatively small, and low antenna worked fine:
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consider. Food for thought... ! I think that the PFR-3A would be a great rig for you to take outside and use as a portable. Then there are virtually no limits to the types of antennas you can try with it useful built-in wide-range tuner. The PFR-3A is a great portable radio.

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---------- Original Message ----------
From: "jwonch20" <_mailto:jwonch20%40yahoo.com_ (mailto:jwonch20@...)
>
To: _mailto:pfr3_group%40yahoogroups.com_
(mailto:pfr3_group@yahoogroups.com)
Subject: [pfr3_group] indoor antennas
Date: Thu, 09 Dec 2010 18:10:30 -0000

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1841. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-11 14:48:29 UTC
From: lahagar1@aol.com
Topic: 1825 Message: 1841
Attachments: 5 described; binary payloads are missing from this source WARC

Hi Bob,

Sorry, here are the photos of the antennas. A 34ft wire, end-fed, both vertically oriented and horizontally oriented. And a 50 ft doublet, fed by parallel wire and supported by a PVC tube.

73,
Lynn
NG9D

-----Original Message-----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Sent: Sat, Dec 11, 2010 8:21 am
Subject: Re: [pfr3_group] indoor antennas

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BOB
AF2Q

http://www.searchandrescuefoundation.org/
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Lynn

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To: pfr3_group@yahoogroups.com
Sent: Thu, Dec 9, 2010 5:12 pm
Subject: Re: [pfr3_group] indoor antennas

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Best of luck with your PFR-3.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "jwonch20" <mailto:jwonch20%40yahoo.com>
To: mailto:pfr3_group%40yahoogroups.com
Subject: [pfr3_group] indoor antennas
Date: Thu, 09 Dec 2010 18:10:30 -0000

I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well this rig would perform with an apartment antenna?

1842. Re: [pfr3_group] indoor antennas [5 Attachments]

Yahoo group: pfr3_group
Date: 2010-12-11 15:09:35 UTC
From: MAXXOUT2@AOL.COM
Topic: 1842 Message: 1842

Hi Lynn and thanks for the photos
OK,
I'm not getting smart A## but I keep reading about what short anterrans can not do
Early this morning AH6V in hawaii worked a 2 way QSO with K9KHJ
this what the K9 ham says

I might have the world's most unimpressive shack---an HB1-A, battery, and a collection of straight keys adorn the top of a $10 desk wedged in between workout gear in our basement. My antenna is a Par Electronics end-fed sloper. All CW, all QRP.

I found that at times just listen and you wil hear some weak CW in the mud.
Even if you work some DX and then find out he has some big tower and a giant beam.
His station is doing the work.
You hear his 700 watts but his big 40 meter bean will hear your 5 watts from the small B&W antenna.
Check out www,qrpspots.com/
2 more stations just logged on.
Just load into what ever you can and go:-)
GL dxing
BOB
AF2Q

In a message dated 12/11/2010 8:49:41 AM Central Standard Time, lahagar1@... writes:

Hi Bob,

Sorry, here are the photos of the antennas. A 34ft wire, end-fed, both vertically oriented and horizontally oriented. And a 50 ft doublet, fed by parallel wire and supported by a PVC tube.

73,
Lynn
NG9D

1843. Re: [pfr3_group] indoor antennas [5 Attachments]

Yahoo group: pfr3_group
Date: 2010-12-11 15:23:24 UTC
From: MAXXOUT2@AOL.COM
Topic: 1842 Message: 1843

Lynn,
When I saw that 35 foot wire in the picture it jogged my memory.
A few months back I way playing with different size wires and I had one I measured to be 35 feet.
I dropped my small key so all I was able to do was put out a carrier and use it like a straight key.
Anyway I found that on 15 meters I never needed a tuner.
The wire went right to the rigs antenna port and the SWR was about 2 tick marks over the zero mark.
Something to try with different bands and a longer wire
BOB
AF2Q

In a message dated 12/11/2010 8:49:41 AM Central Standard Time, lahagar1@... writes:

http://www.searchandrescuefoundation.org/
(http://www.searchandrescuefoundation.org/)
(609)638-1629

"So Others May Live"

"Never be afraid to try something new. Remember that a lone amateur built the Ark. A large group of professionals built the Titanic." -
Dave Barry via Capt John Felker

1844. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-11 15:40:41 UTC
From: David White
Topic: 1825 Message: 1844

Greetings,
I live in a high-rise steel structure apartment building in New York City. I don't have a terrace/balcony and I don't have access to the roof. I've tried stringing wire throughout my apartment and have had [to put it mildly] limited success. What's worked for me is a 40 meter Hamstick dipole, clamped to a broomstick and stuck out my bedroom window. The Hamstick is parallel to the building and only about 30 inches away from the brick-covered steel facade. I do this at night to reduce the chances my neighbors will notice. Over the past 7 years I've used different rigs running 1 to 50 watts, almost always cw. Operating [very] casually, I've managed to work 49 states and about 40 countries.
73,
Dave KC2ICA

On 12/11/10 9:02 AM, "lahagar1@..." <lahagar1@...> wrote:

>
>
>
>
>
> Steve, Great comment.
>
> "Jwonch20", A one-watt transmitter and 20m attic dipole is what recharged my
> interest in ham radio a few years ago. But QSO's of that kind are not very
> frequent and (sunspot nr. is 33 today) a low power transmitter with a smaller
> antenna might be very disappointing if that would be your only station.
> The smallest antenna I have used with the PFR3 so far is 34 feet of insulated
> wire. Here is an example the antenna in use:
> http://www.youtube.com/user/NG9D?feature=mhum#p/u/3/3kWvXJ_5XgE
>
> But you could string it up in whatever fashion possible (high, straight, clear
> of other objects as possible). For example, here is the same 34 foot wire,
> this time held up by a bush about 12 ft off the ground in a horizontal
> position. (Power in this example is 10W.) You can see the relatively small,
> and low antenna worked fine:
> http://www.youtube.com/user/NG9D?feature=mhum#p/u/43/JD-DjQuL7bk
>
> If you could put up a temporary mast, to be removed after use then you could
> improve the efficiency. Here is a doublet with homemade balanced line feed.
> The support is a lightweight PVC tube and the wires are also light-weight. A
> better antenna makes 5W contacts more reliable:
> http://www.youtube.com/user/NG9D?feature=mhum#p/u/19/qaUN9m2u1pQ
>
> This may exceed the bounds of what an "apartment antenna" consists of (even if

> temporary), but other supports and less visible materials are options to
> consider. Food for thought... ! I think that the PFR-3A would be a great
> rig for you to take outside and use as a portable. Then there are virtually
> no limits to the types of antennas you can try with it useful built-in
> wide-range tuner. The PFR-3A is a great portable radio.
>
> It would be helpful to know what radio and antenna have you used in the past.
> And, as I think might have already been asked, what kind of space do you have
> available? Any access to the attic for example? Or access outside of a
> window? Can you put up a temporary portable support for a few hours of use?
> Knowing a bit more about your situation would probably allow the pfr3_group to
> provide all kinds of useful ideas for your consideration, and may even be able
> to help answer the question you asked.
>
> 73,
> NG9D
> Lynn
> -----Original Message-----
> From: sigcom@... <sigcom@...>
> To: pfr3_group@yahoogroups.com
> Sent: Thu, Dec 9, 2010 5:12 pm
> Subject: Re: [pfr3_group] indoor antennas
>
>
> Hi,
>
> Don't take this as me being facetious but the PFR will work as well as any
> other 5 Watt radio on an inside antenna. If an indoor antenna is all you can
> use you'll just need more patience, persistence and optimization. Depending on
> your particular indoor antenna configuration, its performance might be
> amazing. It will certainly be better than no antenna at all!
>
> Best of luck with your PFR-3.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "jwonch20" <jwonch20@... <mailto:jwonch20%40yahoo.com> >
> To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
> Subject: [pfr3_group] indoor antennas
> Date: Thu, 09 Dec 2010 18:10:30 -0000
>
> I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well
> this rig would perform with an apartment antenna?
>
>
>
>
>

1845. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-11 15:58:25 UTC
From: MAXXOUT2@AOL.COM
Topic: 1825 Message: 1845

Dick,
Try several different antennas.
Try a mag loop.
I have to leave now but tonight I will post a picture of a 12 foot long 300 ohm wire that hs a small cap and coil at the base.
I works excellent on 40 and actually made for 40 meters.
Make it from that cheap RS 3000 ohm twin lead and just let it hang out the window.
I'm known as the ham in the can but still do very well.

My loop is only 3 feet in diameter and I have worked some super DX with Sudan being my best with 30 watts and again with 5 watts
I'm on the 4th floor with 6 inches if concrete above and below me,no craw space,steel window frames,screens in the windows and I still work DX with QRP
Don't hesitate to ask questions.
BOB
AF2Q

In a message dated 12/11/2010 9:40:47 AM Central Standard Time, dwhite@... writes:

Greetings,
I live in a high-rise steel structure apartment building in New York City. I don't have a terrace/balcony and I don't have access to the roof. I've tried stringing wire throughout my apartment and have had [to put it mildly] limited success. What's worked for me is a 40 meter Hamstick dipole, clamped to a broomstick and stuck out my bedroom window. The Hamstick is parallel to the building and only about 30 inches away from the brick-covered steel facade. I do this at night to reduce the chances my neighbors will notice. Over the past 7 years I've used different rigs running 1 to 50 watts, almost always cw. Operating [very] casually, I've managed to work 49 states and about 40 countries.
73,
Dave KC2ICA

1846. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-11 20:14:30 UTC
From: Bill Adams
Topic: 1842 Message: 1846

Bob,

Have you modified your PFR3 to cover 15 meters?
 Bill AF4B
Long : -97.10209 W (-97° 6' 8'' W)
Lat : 32.59437 N (32° 35' 40'' N)
Maidenhead grid : EM12ko
USNG : 14S PB 78160 07850
MAPSCO map grid : 125A

From: "MAXXOUT2@..." <MAXXOUT2@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, December 11, 2010 9:23:24 AM
Subject: Re: [pfr3_group] indoor antennas

Lynn,
When I saw that 35 foot wire in the picture it jogged my memory.
A few months back I way playing with different size wires and I had one I measured to be 35 feet.
I dropped my small key so all I was able to do was put out a carrier and use it like a straight key.
Anyway I found that on 15 meters I never needed a tuner.
The wire went right to the rigs antenna port and the SWR was about 2 tick marks over the zero mark.
Something to try with different bands and a longer wire
BOB
AF2Q

In a message dated 12/11/2010 8:49:41 AM Central Standard Time, lahagar1@... writes:

>http://www.searchandrescuefoundation.org/
>(609)638-1629
>
>"So Others May Live"
>
>"Never be afraid to try something new. Remember that a lone amateur built the
>Ark. A large group of professionals built the Titanic." -
>
>Dave Barry via Capt John Felker

1847. Batteries and paddles

Yahoo group: pfr3_group
Date: 2010-12-14 22:46:09 UTC
From: k6mgo@verizon.net
Topic: 1847 Message: 1847

Is anyone using the 9.6 V 2200 mAh battery pack in there PFR3A rather than 8 AA's? They cost only $16.95 and the cells are welded so no drop across the pack like individual cells.

Also wondering if anyone is using the Palm mini paddle with the PFR3A and how did you mount it?

Thanks for any help, 73
Bill, k6mgo

1848. Re: [pfr3_group] Batteries and paddles

Yahoo group: pfr3_group
Date: 2010-12-15 00:52:11 UTC
From: Henry Schneider
Topic: 1847 Message: 1848

I am using the Palm but haven't mounted it. I just hold it in my hand. But I would use double sided tape and put it on the right side of the PFR3 cabinet protruding just enough for the paddles to stick out. Thought about magnets but did not know if the magnetism would affect anything.
Henry W5HNS

--- On Tue, 12/14/10, k6mgo@... <k6mgo@verizon.net> wrote:

From: k6mgo@... <k6mgo@...>
Subject: [pfr3_group] Batteries and paddles
To: pfr3_group@yahoogroups.com
Date: Tuesday, December 14, 2010, 4:46 PM

Is anyone using the 9.6 V 2200 mAh battery pack in there PFR3A rather than 8 AA's? They cost only $16.95 and the cells are welded so no drop across the pack like individual cells.

Also wondering if anyone is using the Palm mini paddle with the PFR3A and how did you mount it?

Thanks for any help, 73

Bill, k6mgo

1849. Re: [pfr3_group] Batteries and paddles

Yahoo group: pfr3_group
Date: 2010-12-15 01:29:05 UTC
From: Michael Harnage
Topic: 1847 Message: 1849

I've used the magnet on a Palm Paddle to attach it to the Altoids case of my ATS rigs. No problems at all.

-mike/w1mt

--- On Tue, 12/14/10, Henry Schneider <w5hns@...> wrote:

From: Henry Schneider <w5hns@sbcglobal.net>
Subject: Re: [pfr3_group] Batteries and paddles
To: pfr3_group@yahoogroups.com
Date: Tuesday, December 14, 2010, 7:52 PM

  Thought about magnets but did not know if the magnetism would affect anything.

Also wondering if anyone is using the Palm mini paddle with the PFR3A and how did you mount it?

1850. Re: [pfr3_group] Batteries and paddles

Yahoo group: pfr3_group
Date: 2010-12-15 04:01:58 UTC
From: ckwishmeier@cs.com
Topic: 1847 Message: 1850

As to paddles, I use the paddle kit offered along with the PFR3A. After a somewhat challenging assembly it just plugs in and attaches to the front of the PFR3A. It operates flawlessly at 25-35 wpm. One thumb screw removes it if you want to use another paddle. It's mechanical, not capacitive, and, therefore very easy to get used to. Originally I thought that I would only use that little paddle when in then field. I found that it works so well that I never remove it from the radio.

Keith
WA9S

-----Original Message-----
From: k6mgo@... <k6mgo@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Dec 14, 2010 5:46 pm
Subject: [pfr3_group] Batteries and paddles

Is anyone using the 9.6 V 2200 mAh battery pack in there PFR3A rather than 8 AA's? They cost only $16.95 and the cells are welded so no drop across the pack like individual cells.

Also wondering if anyone is using the Palm mini paddle with the PFR3A and how did you mount it?

Thanks for any help, 73
Bill, k6mgo

1851. Re: [pfr3_group] Batteries and paddles

Yahoo group: pfr3_group
Date: 2010-12-15 05:54:02 UTC
From: John Stevens
Topic: 1847 Message: 1851

Check these out. They bolt right up to the front panel. Very nice. Scroll down to the PFR-3 paddles...

<http://www.w5jh.net/paddles.html>

73 john k5js

1852. Re: [pfr3_group] Batteries and paddles

Yahoo group: pfr3_group
Date: 2010-12-15 07:26:20 UTC
From: arthurok
Topic: 1847 Message: 1852

i just ordered the kit.
much fancier then the hendricks "is a bit of an assembly project.
----- Original Message -----
From: John Stevens
To: pfr3_group@yahoogroups.com
Sent: Tuesday, December 14, 2010 11:54 PM
Subject: Re: [pfr3_group] Batteries and paddles

Check these out. They bolt right up to the front panel. Very nice. Scroll down to the PFR-3 paddles...

<http://www.w5jh.net/paddles.html>

73 john k5js

1853. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-15 15:57:38 UTC
From: Charles Felton
Topic: 1825 Message: 1853

Thanks for the info. Just got my PFR-3 on Ebay and love it. Charles

---
From: BOB <MAXXOUT2@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, December 10, 2010 1:28:14 AM
Subject: Re: [pfr3_group] indoor antennas

I had several B&W antennas. What they need to work better is to put 2 feet of rod under the coil and have the feed insulated from the mount. I also cut that mount in half and added 18 inches to keep it away from the buildings brick wall. I also bent the coil of the mount so that the antenna was straight up and vertical. Every morning I got up around 4 AM and used my old MFJ CW rig from a SLA battery and one morning I was right on the grey line and worked Australia and Egypt. Later I purchased the Budd vertical and mounted that on the B&W mount. Later I replaced the telescope whip with a 58 inch long stinger. Take your time and use one coil clip for each band and move it around for lowest SWR then fine tune by adjusting the counter poise wire. However I found that cutting a counter poise wire for each band is much better. If you can you should mount the antenna at the top of the window then tack the counter poise wire to the wall. By moving the counter poise wire up and down you will see the SWR change so when the meter reads ZERO,tack it there. A ham in NC. Was running 50 mils of RF from his beacon and he received a qsl card from New Zealand so don't give up. Bob. AF2Q

REAL HAMS KNOW CW

From: "arthurok" <arthurok@...>
Sender: pfr3_group@yahoogroups.com
Date: Thu, 9 Dec 2010 20:44:40 -0600
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] indoor antennas

receiving shouldnt be much of a problem but getting out esp on 40 m with an apartment antenna

might be a problem.
like i mentioned earlier with a 5watt cw only rig maybe something clandistine could be rigged up

so noone would notice it.
----- Original Message -----
>From: jwonch20
>To: pfr3_group@yahoogroups.com
>Sent: Thursday, December 09, 2010 12:10 PM

>Subject: [pfr3_group] indoor antennas
>
>
>I'm still at the stage of thinking of buying a pfr3 and I'm wondering how well
>this rig would perform with an apartment antenna?
>
>

1854. Re: [pfr3_group] indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-15 16:45:46 UTC
From: MAXXOUT2@AOL.COM
Topic: 1825 Message: 1854

Well now it looks like the sun is perking away
I recall seeing an adjustable counterpoise kit made from a core and a much shorter wire.
I'll have to ask around.
The MFJ unit is the pits and cost to much
GL with the new rig
BOB
AF2Q

In a message dated 12/15/2010 7:57:49 A.M. Pacific Standard Time, cfelton48@... writes:

Take your time and use one coil clip for each band and move it around for lowest SWR then fine tune by adjusting the counter poise wire. However I found that cutting a counter poise wire for each band is much better. If you can you should mount the antenna at the top of the window then tack the counter poise wire to the wall. By moving the counter poise wire up and down you will see the SWR change so when the meter reads ZERO,tack it there. A ham in NC. Was running 50 mils of RF from his beacon and he received a qsl card from New Zealand so don't give up. Bob. AF2Q

1855. Re: indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-16 16:27:15 UTC
From: SteveB
Topic: 1825 Message: 1855

hi guys try a tunable counter poise 15 ft wire and switchable toriod wound and tapped to suit works on my 817 brill if u want more info could post piccys for u all 60mm toriod 40 turns tapped at every so often for ten points rotary switch cheap plastic type but at qrp levels its brill happy xmas all

1856. Re: [pfr3_group] Re: indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-16 17:44:01 UTC
From: MAXXOUT2@AOL.COM
Topic: 1825 Message: 1856

STEVE,
It's CHRISTMAS not xmas
OK now 60-mm core but what mix?
BOB
AF2Q

In a message dated 12/16/2010 8:27:21 A.M. Pacific Standard Time,
steve.box73@... writes:

hi guys try a tunable counter poise 15 ft wire and switchable toriod wound
and tapped to suit works on my 817 brill if u want more info could post
piccys for u all 60mm toriod 40 turns tapped at every so often for ten points
rotary switch cheap plastic type but at qrp levels its brill happy xmas
all

1857. Re: indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-16 18:06:49 UTC
From: Bill Adams
Topic: 1825 Message: 1857

Steve

Please post picture.

Bill

1858. Re: [pfr3_group] Re: indoor antennas

Yahoo group: pfr3_group
Date: 2010-12-16 19:45:38 UTC
From: Steve Box
Topic: 1825 Message: 1858
Attachments: 1 described; binary payloads are missing from this source WARC

From: Bill Adams <w_r_adams1@...m>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Thu, 16 December, 2010 18:06:49
Subject: [pfr3_group] Re: indoor antennas

Steve

Please post picture.

Bill check attachment

1859. picture

Yahoo group: pfr3_group
Date: 2010-12-16 19:53:10 UTC
From: SteveB
Topic: 1859 Message: 1859

hi bill sent u a piccy cant seem to post on site got another of front this ones going into a tuner for my son to use hees only an mw3 novice call but active on vhf mostly hees got my 817 setup at the moment try and post setup when weathers better

1860. indoor antenna

Yahoo group: pfr3_group
Date: 2010-12-16 19:56:32 UTC
From: SteveB
Topic: 1860 Message: 1860

ok ill try over christmas bit busy at the moment the core was picked up at a rally some years ago dont know specs but ive seen them made with the standard t200 type the type is not so important it merly loads the counterpoise with extra lenth? i know it works use mine with 817 15foot of trirated 2.5 mm flexible wire and 150mm alloy tent peg as stake on the end of the wire simple L network tuner 40-10 flat swr 80 is a bit 1.8ish at my portable location ant 20mtrs 2,5 wire tree mounted end fed sometimes fishing pole mounted 5mtr high been looking at pfr3 and may order one after new year on the subject of indoor ant one choice for me small loop south wales to sweden 59ssb contact 2,5w on 20 mtres luve them small loops at qrp voltages the cap can be a lot closer vaned and not ark ??

1861. Re: [pfr3_group] indoor antenna

Yahoo group: pfr3_group
Date: 2010-12-16 20:08:06 UTC
From: MAXXOUT2@AOL.COM
Topic: 1860 Message: 1861

Looking at the picture it looks like a T-68-1 core
A better one would be a FT-140-43 and 2 twelve position switches for more
fine tuning.
BOB
AF2Q

In a message dated 12/16/2010 11:56:36 A.M. Pacific Standard Time,
steve.box73@... writes:

ok ill try over christmas bit busy at the moment the core was picked up at
a rally some years ago dont know specs but ive seen them made with the
standard t200 type the type is not so important it merly loads the
counterpoise with extra lenth? i know it works use mine with 817 15foot of trirated
2.5 mm flexible wire and 150mm alloy tent peg as stake on the end of the wire
simple L network tuner 40-10 flat swr 80 is a bit 1.8ish at my portable
location ant 20mtrs 2,5 wire tree mounted end fed sometimes fishing pole
mounted 5mtr high been looking at pfr3 and may order one after new year on the
subject of indoor ant one choice for me small loop south wales to sweden
59ssb contact 2,5w on 20 mtres luve them small loops at qrp voltages the cap
can be a lot closer vaned and not ark ??

1862. Re: indoor antenna

Yahoo group: pfr3_group
Date: 2010-12-16 20:15:33 UTC
From: SteveB
Topic: 1860 Message: 1862

could well be 12 position switches are like gold dust in the uk but can get 10 plastic type easy the terminal not used will be dummy load gonna build him dual band rockmite 40 20 to play with on crystals at first then he can vxo them put all in one case battery and all so he can setup easy?

1863. Re: [pfr3_group] Re: indoor antenna

Yahoo group: pfr3_group
Date: 2010-12-16 20:24:36 UTC
From: arthurok
Topic: 1860 Message: 1863

farnel dosent have anything you can use?
here farnell is called newark electronics / mcm
newark is an old tyme distributor in chicago near me "like allied was"
now allied is in texas
----- Original Message -----
From: SteveB
To: pfr3_group@yahoogroups.com
Sent: Thursday, December 16, 2010 2:15 PM
Subject: [pfr3_group] Re: indoor antenna

could well be 12 position switches are like gold dust in the uk but can get 10 plastic type easy the terminal not used will be dummy load gonna build him dual band rockmite 40 20 to play with on crystals at first then he can vxo them put all in one case battery and all so he can setup easy?

1864. Fw: 1 big core,2 switches for very fine tuning Bob AF2Q

Yahoo group: pfr3_group
Date: 2010-12-16 20:25:23 UTC
From: BOB
Topic: 1864 Message: 1864
Attachments: 1 described; binary payloads are missing from this source WARC

REAL HAMS KNOW CW

-----Original Message-----
From: "BOB" <maxxout2@...>
Date: Thu, 16 Dec 2010 20:16:39
To: <pfr_group@yahoogroups.com>
Reply-To: maxxout2@...
Subject: 1 big core,2 switches for very fine tuning Bob AF2Q

REAL HAMS KNOW CW

1865. Re: Fw: 1 big core,2 switches for very fine tuning Bob AF2Q

Yahoo group: pfr3_group
Date: 2010-12-19 17:35:11 UTC
From: SteveB
Topic: 1864 Message: 1865

hi bob sorry for delay network problem nice work on that switch but would definatly use small loop indoors they have lots of advantages discrete electricaly quiet narrow bandwith to cut out strong stations helps in the selectivity done about 2yrs practical test and design and well pleased with results not as good as an antenna farm but very usefull antanna when restricted on outside location my loop blows the socks off my diamond bb6w loft mounted on rx not so good tx but contacts are made thats what counts 59+30 would be great all the timebut a readable r5 s5 is just as good thats imho cheers

1866. Re: [pfr3_group] Re: Fw: 1 big core,2 switches for very fine tuning Bob AF2Q

Yahoo group: pfr3_group
Date: 2010-12-19 18:15:09 UTC
From: MAXXOUT2@AOL.COM
Topic: 1864 Message: 1866

Steve,
I have been using a mag loop for several years
Even built several
The narrow band width doesn't bother me but most other don't like it
It nulls out QRM and causes no TVI at all even if I run 100 watts to it.
It's in the bedroom all set up just resting on a dresser drawer in a
horizontal position.
I have nothing but steel around me but still go over the pond with 5 watts.
Sudan is my best 5 watt contact on the mag loop with 5 watts
BOB
AF2Q

In a message dated 12/19/2010 10:06:15 A.M. Pacific Standard Time,
steve.box73@... writes:

hi bob sorry for delay network problem nice work on that switch but would
definatly use small loop indoors they have lots of advantages discrete
electricaly quiet narrow bandwith to cut out strong stations helps in the
selectivity done about 2yrs practical test and design and well pleased with
results not as good as an antenna farm but very usefull antanna when restricted
on outside location my loop blows the socks off my diamond bb6w loft
mounted on rx not so good tx but contacts are made thats what counts 59+30 would
be great all the timebut a readable r5 s5 is just as good thats imho cheers

1867. Re: [pfr3_group] Re: Fw: 1 big core,2 switches for very fine tuning Bob AF2Q

Yahoo group: pfr3_group
Date: 2010-12-19 18:24:47 UTC
From: MAXXOUT2@AOL.COM
Topic: 1864 Message: 1867

Steve,
I forgot to tell you that poor quality picture actually was a modification
for a miracle whip antenna.
Then I thought if it resonates the antenna then it should resonate any
counterpoise wire.
My wire is only 12 feet long but that small box does the job.
BOB
AF2Q

hi bob sorry for delay network problem nice work on that switch but would
definatly use small loop indoors they have lots of advantages discrete
electricaly quiet narrow bandwith to cut out strong stations helps in the
selectivity done about 2yrs practical test and design and well pleased with
results not as good as an antenna farm but very usefull antanna when restricted
on outside location my loop blows the socks off my diamond bb6w loft
mounted on rx not so good tx but contacts are made thats what counts 59+30 would
be great all the timebut a readable r5 s5 is just as good thats imho
cheers

1868. Re: [pfr3_group] Re: Fw: 1 big core,2 switches for very fine tuning Bob AF2Q

Yahoo group: pfr3_group
Date: 2010-12-19 19:28:14 UTC
From: Steve Box
Topic: 1864 Message: 1868

small loop +817 setup with my son at the moment be back after christmas will setup and take some pictures camera tripod 800mm loop strip alloy 16mm 2mm strips approx 400long riveted 20mm overlap so folds up to go in kit jacksons 500pf cap slow drive works treat get about 30 khz swing 40 mtrs 17 mtrs small loop 140mm pickup out of coax rg213 down to rig when straitened out loop forms ok when bolted to 20mm nylon base plate

---
From: "MAXXOUT2@..." <MAXXOUT2@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, 19 December, 2010 18:24:47
Subject: Re: [pfr3_group] Re: Fw: 1 big core,2 switches for very fine tuning Bob AF2Q

Steve,
I forgot to tell you that poor quality picture actually was a modification for a miracle whip antenna.
Then I thought if it resonates the antenna then it should resonate any counterpoise wire.
My wire is only 12 feet long but that small box does the job.
BOB
AF2Q
hi bob sorry for delay network problem nice work on that switch but would definatly use small loop indoors they have lots of advantages discrete electricaly quiet narrow bandwith to cut out strong stations helps in the selectivity done about 2yrs practical test and design and well pleased with results not as good as an antenna farm but very usefull antanna when restricted on outside location my loop blows the socks off my diamond bb6w loft mounted on rx not so good tx but contacts are made thats what counts 59+30 would be great all the timebut a readable r5 s5 is just as good thats imho cheers

1869. Looking for a PFR-3

Yahoo group: pfr3_group
Date: 2010-12-21 00:03:35 UTC
From: Richard Powers
Topic: 1869 Message: 1869

I am looking for a pre-wired new or used PFR-3 Radio.
My eyes won't let me do it myself - too old.
Anybody have any info, let me know please.

Thanks,
73, Dick WB9PWQ

1870. Re: [pfr3_group] Looking for a PFR-3

Yahoo group: pfr3_group
Date: 2010-12-21 00:51:24 UTC
From: arthurok
Topic: 1869 Message: 1870

they are occasionly availible on qth.com and ebay.

----- Original Message -----
From: Richard Powers
To: PF3 Group QRP
Sent: Monday, December 20, 2010 6:03 PM
Subject: [pfr3_group] Looking for a PFR-3

I am looking for a pre-wired new or used PFR-3 Radio.
My eyes won't let me do it myself - too old.
Anybody have any info, let me know please.

Thanks,
73, Dick WB9PWQ

1871. bbw paddle arrived

Yahoo group: pfr3_group
Date: 2010-12-25 05:37:09 UTC
From: arthur
Topic: 1871 Message: 1871

i just received my bbw "baby black widow" paddle kit
its partialy completed and i think its a great unit
i finished the brass using 180 grit and then 1000 grit aluminum oxide paper. gave them a final hand polish using bar keepers friend.
smoothed the plastic paddle edges using 1000 grip paper too
the edges are a bit rough from the laser cutting.
remember to cut the 3/4" spring accurately down to 5/8"
as mentioned in the instructions and carefully bend the pointed cut end flush.
also you have to scrape a bit of the anodizing off the counternubk holes so that the screw heads make contact with the aluminum.
will report back when i get the silver plated screws that were on back order ""jerry says they are in the mail"
after xmas im planning to buy my pfr3a.
the key is larger then the hendriks
but will key virtually any electronic keyer or keyer equipped rig.
i will have to compare it to my mfj/ bencher keyer.
im into machining and i couldnt make his kit for $46
delivered to my mailbox.
"brass is expensive and so is short run anodizing"
i dont have any personal cnc experience.

1872. Re: bbw paddle arrived

Yahoo group: pfr3_group
Date: 2010-12-25 15:33:27 UTC
From: James
Topic: 1871 Message: 1872

--- In pfr3_group@yahoogroups.com, "arthur" <arthurok@...> wrote:
>
> i just received my bbw "baby black widow" paddle kit

Received my silver plated screws on Christmas eve and my BBW has now officially hatched. Waiting on the PFR-3 to arrive. It will be a fun january!

1873. black widow kit

Yahoo group: pfr3_group
Date: 2010-12-25 18:18:59 UTC
From: john wonch
Topic: 1873 Message: 1873

Is this kit better than the keyer that you can order with the pfr3?
John

1874. Re: [pfr3_group] black widow kit

Yahoo group: pfr3_group
Date: 2010-12-25 18:44:58 UTC
From: ckwishmeier@cs.com
Topic: 1873 Message: 1874

There are several opinions on comparing the Black Widow to the Hendricks paddle. The Black Widow is much heavier with a more solid paddle feel. It is also much larger and a beautiful piece of equipment. The Hendricks paddle is very light and quite small. Unlike the Elecraft KX-1 paddle, it is mechanical not capacitive. As I was looking for a radio and paddle that were both small and very light for backpacking I chose the Hendricks paddle, have used it extensively for over seven months with my PFR-3A and would not even consider changing. I usually send and receive 25-28 wpm with no problems. For other radios I use a Bencher, a Kent double paddle and a Vibroplex paddle. Paddle choice is kind of a personal thing.

Keith
WA9S

-----Original Message-----
From: john wonch <jwonch20@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Dec 25, 2010 1:18 pm
Subject: [pfr3_group] black widow kit

Is this kit better than the keyer that you can order with the pfr3?
John

1875. RE: [pfr3_group] black widow kit

Yahoo group: pfr3_group
Date: 2010-12-25 20:09:10 UTC
From: Jerry Haigwood
Topic: 1873 Message: 1875

Keith,

Are you referring to the Black Widow Paddle or the Baby Black Widow paddle made especially for the PFR3? The Baby Black widow is not especially heavy as it is made of an anodized aluminum base/ front bracket and brass arms/contacts. The weight is something like 6-7 ounces. I know of several backpackers who have chose to carry the extra 3-4 ounces in order to have a better paddle.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ckwishmeier@...
Sent: Saturday, December 25, 2010 12:45 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] black widow kit

There are several opinions on comparing the Black Widow to the Hendricks paddle. The Black Widow is much heavier with a more solid paddle feel. It is also much larger and a beautiful piece of equipment. The Hendricks paddle is very light and quite small. Unlike the Elecraft KX-1 paddle, it is mechanical not capacitive. As I was looking for a radio and paddle that were both small and very light for backpacking I chose the Hendricks paddle, have used it extensively for over seven months with my PFR-3A and would not even consider changing. I usually send and receive 25-28 wpm with no problems. For other radios I use a Bencher, a Kent double paddle and a Vibroplex paddle. Paddle choice is kind of a personal thing.

Keith

WA9S

-----Original Message-----
From: john wonch <jwonch20@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Dec 25, 2010 1:18 pm
Subject: [pfr3_group] black widow kit

Is this kit better than the keyer that you can order with the pfr3?

John

1876. Re: [pfr3_group] black widow kit

Yahoo group: pfr3_group
Date: 2010-12-25 20:44:06 UTC
From: ckwishmeier@cs.com
Topic: 1873 Message: 1876

Jerry,

Guess. I'm weak! Looked at the Baby Black Widow at Dayton this year when I bought my PFR-3A kit. Just liked the little Hendricks paddle. Was not impressed with the Palm for the PFR-3A but it might have been good for my FT-817. Like I said paddles are a very personal think. I'm amazed at the hams still using bugs. I have a Vibroplex bug and have never mastered it and I've been at this for 48 years.

Keith

-----Original Message-----
From: Jerry Haigwood <jerry@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Dec 25, 2010 3:09 pm
Subject: RE: [pfr3_group] black widow kit

Keith,
Are you referring to the Black Widow Paddle or the Baby Black Widow paddle made especially for the PFR3? The Baby Black widow is not especially heavy as it is made of an anodized aluminum base/ front bracket and brass arms/contacts. The weight is something like 6-7 ounces. I know of several backpackers who have chose to carry the extra 3-4 ounces in order to have a better paddle.
Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ckwishmeier@...
Sent: Saturday, December 25, 2010 12:45 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] black widow kit

There are several opinions on comparing the Black Widow to the Hendricks paddle. The Black Widow is much heavier with a more solid paddle feel. It is also much larger and a beautiful piece of equipment. The Hendricks paddle is very light and quite small. Unlike the Elecraft KX-1 paddle, it is mechanical not capacitive. As I was looking for a radio and paddle that were both small and very light for backpacking I chose the Hendricks paddle, have used it extensively for over seven months with my PFR-3A and would not even consider changing. I usually send and receive 25-28 wpm with no problems. For other radios I use a Bencher, a Kent double paddle and a Vibroplex paddle. Paddle choice is kind of a personal thing.

Keith

WA9S

-----Original Message-----
From: john wonch <jwonch20@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Dec 25, 2010 1:18 pm

Subject: [pfr3_group] black widow kit

Is this kit better than the keyer that you can order with the pfr3?

John

1877. Re: black widow kit

Yahoo group: pfr3_group
Date: 2010-12-25 22:22:19 UTC
From: James
Topic: 1873 Message: 1877

--- In pfr3_group@yahoogroups.com, john wonch <jwonch20@...> wrote:
>
> Is this kit better than the keyer that you can order with the pfr3?
> John
>
I do not know. The BBW is more of a conventional paddle and it should be easy to switch back and forth between it and my wonderful Kent paddle. We are too old and infirm to do much packing so every ounce does NOT count. Mostly hope to pack a picnic lunch and have a few hours of leisurely operation and a few miles of cycling.

1878. Re: [pfr3_group] black widow kit

Yahoo group: pfr3_group
Date: 2010-12-25 23:23:03 UTC
From: arthurok
Topic: 1873 Message: 1878

the bbw is nice because with a simple extension cable it can be detached from the rig and used with a pfr3 or any keyer or rig "with an internal keyer"
----- Original Message -----
From: ckwishmeier@cs.com
To: pfr3_group@yahoogroups.com
Sent: Saturday, December 25, 2010 2:44 PM
Subject: Re: [pfr3_group] black widow kit

Jerry,

Guess. I'm weak! Looked at the Baby Black Widow at Dayton this year when I bought my PFR-3A kit. Just liked the little Hendricks paddle. Was not impressed with the Palm for the PFR-3A but it might have been good for my FT-817. Like I said paddles are a very personal think. I'm amazed at the hams still using bugs. I have a Vibroplex bug and have never mastered it and I've been at this for 48 years.

Keith

-----Original Message-----
From: Jerry Haigwood <jerry@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Dec 25, 2010 3:09 pm
Subject: RE: [pfr3_group] black widow kit

Keith,
Are you referring to the Black Widow Paddle or the Baby Black Widow paddle made especially for the PFR3? The Baby Black widow is not especially heavy as it is made of an anodized aluminum base/ front bracket and brass arms/contacts. The weight is something like 6-7 ounces. I know of several backpackers who have chose to carry the extra 3-4 ounces in order to have a better paddle.
Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ckwishmeier@...
Sent: Saturday, December 25, 2010 12:45 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] black widow kit

There are several opinions on comparing the Black Widow to the Hendricks paddle. The Black Widow is much heavier with a more solid paddle feel. It is also much larger and a beautiful piece of equipment. The Hendricks paddle is very light and quite small. Unlike the Elecraft KX-1 paddle, it is mechanical not capacitive. As I was looking for a radio and paddle that were both small and very light for backpacking I chose the Hendricks paddle, have used it extensively for over seven months with my PFR-3A and would not even consider changing. I usually send and receive 25-28 wpm with no problems. For other radios I use a Bencher, a Kent double paddle and a Vibroplex paddle. Paddle choice is kind of a personal thing.

Keith
WA9S

-----Original Message-----
From: john wonch <jwonch20@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Dec 25, 2010 1:18 pm
Subject: [pfr3_group] black widow kit

Is this kit better than the keyer that you can order with the pfr3?
John

1879. Re: [pfr3_group] Re: black widow kit

Yahoo group: pfr3_group
Date: 2010-12-26 00:34:29 UTC
From: arthurok
Topic: 1873 Message: 1879

I have large hands so I prefer something more substantial then the Hendricks.
im not a fan of capacitive paddles
about 25 yrs ago a friend of mine who is also a ham built a microprocessor based heathkit keyer
and wondered if id like to build up the same kit.
at the time i wasnt an active ham and didnt even still own my drake tr4 .
i didnt like the capacitive paddles "the elecraft uses capacitive paddles a bbw designed for the elecraft is availible . even out pfr3 bbw could be used on an elecraft with an extension cable.
for the price the bbw kits are a bargain.
with better paddles the full sized black widow is a bit more money.
if i like the bbw maybe i will use it on my full size rigs too.
my tr7 dosent have an internal keyer but my kenwood 950sd does.
i have seen videos of qrp operators using full size paddles like a bencher when running their
little qrp rigs.
the bbw might be a nice compromise.
buy one jerry is monitoring this group if you need any building questions answered
and i will post mine in the pic section when completed
i did a mediocre job of finishing it. "i never had the shiniest brass when i took rotc in high school
after 1 yr of it they told me to transfer to regular gym class. its about as shiny as commercially produced lacquered brass lamp parts. thasts way below rotc levels

----- Original Message -----
From: James
To: pfr3_group@yahoogroups.com
Sent: Saturday, December 25, 2010 4:22 PM
Subject: [pfr3_group] Re: black widow kit

--- In pfr3_group@yahoogroups.com, john wonch <jwonch20@...> wrote:
>
> Is this kit better than the keyer that you can order with the pfr3?
> John
>
I do not know. The BBW is more of a conventional paddle and it should be easy to switch back and forth between it and my wonderful Kent paddle. We are too old and infirm to do much packing so every ounce does NOT count. Mostly hope to pack a picnic lunch and have a few hours of leisurely operation and a few miles of cycling.

1880. RE: [pfr3_group] Re: black widow kit

Yahoo group: pfr3_group
Date: 2010-12-26 01:49:51 UTC
From: Dale Putnam
Topic: 1873 Message: 1880

the discussion over the BBW and the PRF3 paddles is almost like comparing the old saw - apples to oragnes. yes , both will accomplish keying a radio. However, each do it in their own individual way, and each have their good points and their "brass" points.
On the one hand the PRF3 paddle is light and tuff... can take a fair amount of beating and still be usable. Can be repaired with a pair of pliers and a screwdriver in absolutely necessary. The BBW may take the same beating and not even need adjustment, and yet, the feel of the bbw is lost when having to wear gloves, so if it is a cold mountain top, with no heat, and in the not nice environment, maybe the 3's paddle would be better.. if you camp, maybe in a tent, with a bit of heat, the bbw may provide a bit more quality of feel... They each do a doggone good job of keying the radio... I prefer the bbw, on the bench, in my grab to go radio, mobile, both in the truck and on the motorcycle, however, if I am camping with the Boy Scouts, I will prefer the PRF3s paddle. Both because I will take the 3 and its paddle... the other radios may or may not be a 3..
So.. to sum up, maybe it is like choosing an antenna... a decision needs to be made as to how you want to use it. Then you can readily choose the one that does the best job.

--... ...-- Dale - WC7S in Wy

> Is this kit better than the keyer that you can order with the pfr3?
> John
>

1881. Re: [pfr3_group] Re: black widow kit

Yahoo group: pfr3_group
Date: 2010-12-26 03:18:34 UTC
From: arthurok
Topic: 1873 Message: 1881

i agree with dale + that the baby black widow can be used with any radio.
i could probably make up a base so that the hendriks paddle could be used freestanding
"i have a lathe and milling machine"
----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Saturday, December 25, 2010 7:49 PM
Subject: RE: [pfr3_group] Re: black widow kit

the discussion over the BBW and the PRF3 paddles is almost like comparing the old saw - apples to oragnes. yes , both will accomplish keying a radio. However, each do it in their own individual way, and each have their good points and their "brass" points.
On the one hand the PRF3 paddle is light and tuff... can take a fair amount of beating and still be usable. Can be repaired with a pair of pliers and a screwdriver in absolutely necessary. The BBW may take the same beating and not even need adjustment, and yet, the feel of the bbw is lost when having to wear gloves, so if it is a cold mountain top, with no heat, and in the not nice environment, maybe the 3's paddle would be better.. if you camp, maybe in a tent, with a bit of heat, the bbw may provide a bit more quality of feel... They each do a doggone good job of keying the radio... I prefer the bbw, on the bench, in my grab to go radio, mobile, both in the truck and on the motorcycle, however, if I am camping with the Boy Scouts, I will prefer the PRF3s paddle. Both because I will take the 3 and its paddle... the other radios may or may not be a 3..
So.. to sum up, maybe it is like choosing an antenna... a decision needs to be made as to how you want to use it. Then you can readily choose the one that does the best job.

--... ...-- Dale - WC7S in Wy

> Is this kit better than the keyer that you can order with the pfr3?
> John
>

1882. pfr3 bbw finished and tested

Yahoo group: pfr3_group
Date: 2010-12-28 07:56:49 UTC
From: arthur
Topic: 1882 Message: 1882

I finished my bbw tonite "the screws arrived today"
the bbw works quite well and im testing it by clip leading
the terminals from a female stereo connector to my mfj422 keyer that has an integrel bencher paddle
sitting on my bench the key is a bit light weight for my heavy touch.
but seems to key as well as the bencher.
im not a very high speed cw op and still operate it like a bug that makes its own dashes.
many years ago i had a vibroplex paddle and a very early transistorized hallicrafters keyer.
i have a heathkit very old keyer that uses a side paddle too.
i never used the full sized black widow so i have no way
of comparing it to the bencher.
"the bencher weighs a ton which is good for fixed bench operation "probably a steel base"

1883. Re: [pfr3_group] pfr3 bbw finished and tested

Yahoo group: pfr3_group
Date: 2010-12-28 08:38:10 UTC
From: arthurok
Topic: 1882 Message: 1883

I should be buying a pfr3 kit shortly.
my business has been down so I have been economizing
id like to get one before a price increase or he runs out of parts.
i havent raised my prices in over 3 years.
----- Original Message -----
From: arthur
To: pfr3_group@yahoogroups.com
Sent: Tuesday, December 28, 2010 1:56 AM
Subject: [pfr3_group] pfr3 bbw finished and tested

I finished my bbw tonite "the screws arrived today"
the bbw works quite well and im testing it by clip leading
the terminals from a female stereo connector to my mfj422 keyer that has an integrel bencher paddle
sitting on my bench the key is a bit light weight for my heavy touch.
but seems to key as well as the bencher.
im not a very high speed cw op and still operate it like a bug that makes its own dashes.
many years ago i had a vibroplex paddle and a very early transistorized hallicrafters keyer.
i have a heathkit very old keyer that uses a side paddle too.
i never used the full sized black widow so i have no way
of comparing it to the bencher.
"the bencher weighs a ton which is good for fixed bench operation "probably a steel base"

1884. pfr3 battery level indicator kit

Yahoo group: pfr3_group
Date: 2010-12-28 10:31:15 UTC
From: arthur
Topic: 1884 Message: 1884

has anyone purchased the battery level kit that can me incorporated into the pfr3 or even used for any 12 vlt or so
voltage level indication..
is it hard to install it into an assembled pfr3??

1885. multiband qrp antennas

Yahoo group: pfr3_group
Date: 2010-12-28 10:48:18 UTC
From: arthur
Topic: 1885 Message: 1885

ive been thinking about designing a multiband qrp "40,30 and 20m"
dipole for use with the pfr3
a dipole with balanced feed is nice because no counterpoise is required.
i have a grid dip meter and a q meter too
so making up low power traps should be quite easily done.
could feed it with 300 ohm tv type twin lead or maybe even
light weight line with homemade spacers.
antennas like the "miracle whip" have very poor transmitting preformance.
ive been reading prior post lamenting the lack of simple indoor antennas or throw out the window antennas
at 5 watts something very thin and clandestine could be constructed.
remember in an hf mobile applications the car body is the counterpoise.
i have a 40 meter dipole made up using 2 horizontally mounted hamsticks i was driving it using my drake tr4
using rg58 and a homemade coaxial balun.
look at how lightly constructed the tuner is in the pfr3
it dosent take much to handle 5 watts cw "about a 30% duty cycle".

1886. Re: [pfr3_group] pfr3 battery level indicator kit

Yahoo group: pfr3_group
Date: 2010-12-28 11:56:16 UTC
From: David Wilcox
Topic: 1884 Message: 1886

I bought the one from Hendricks QRP Kits and had no trouble installing it in the PFR3. It also works well installed on a battery if you use external power.

Dave K8WPE

From: arthur <arthurok@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, December 28, 2010 5:31:15 AM
Subject: [pfr3_group] pfr3 battery level indicator kit

has anyone purchased the battery level kit that can me incorporated into the pfr3 or even used for any 12 vlt or so
voltage level indication..
is it hard to install it into an assembled pfr3??

1887. RE: [pfr3_group] pfr3 battery level indicator kit

Yahoo group: pfr3_group
Date: 2010-12-28 13:48:03 UTC
From: Dale Putnam
Topic: 1884 Message: 1887

The BSE from Hendricks fits well, and works well in the PFR3. I've put a number of them in for folks. If you add one more switch, you can use it accurately on the internal 9.6 and on the external 12v battery, however, it would not be advisable to use the radio on a wall wart after that mod.

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: djwilcox01@...
Date: Tue, 28 Dec 2010 03:56:16 -0800
Subject: Re: [pfr3_group] pfr3 battery level indicator kit

I bought the one from Hendricks QRP Kits and had no trouble installing it in the PFR3. It also works well installed on a battery if you use external power.

Dave K8WPE

From: arthur <arthurok@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, December 28, 2010 5:31:15 AM
Subject: [pfr3_group] pfr3 battery level indicator kit

has anyone purchased the battery level kit that can me incorporated into the pfr3 or even used for any 12 vlt or so
voltage level indication..
is it hard to install it into an assembled pfr3??

1888. Re: [pfr3_group] pfr3 battery level indicator kit

Yahoo group: pfr3_group
Date: 2010-12-29 01:22:47 UTC
From: arthurok
Topic: 1884 Message: 1888

i wouldnt run that radio on an unregulated power supply.
on receive the voltage could go very high regulated 12 volt ac adapters are availible cheaply through ebay
----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Tuesday, December 28, 2010 7:48 AM
Subject: RE: [pfr3_group] pfr3 battery level indicator kit

The BSE from Hendricks fits well, and works well in the PFR3. I've put a number of them in for folks. If you add one more switch, you can use it accurately on the internal 9.6 and on the external 12v battery, however, it would not be advisable to use the radio on a wall wart after that mod.

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: djwilcox01@...
Date: Tue, 28 Dec 2010 03:56:16 -0800
Subject: Re: [pfr3_group] pfr3 battery level indicator kit

I bought the one from Hendricks QRP Kits and had no trouble installing it in the PFR3. It also works well installed on a battery if you use external power.

Dave K8WPE

From: arthur <arthurok@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, December 28, 2010 5:31:15 AM
Subject: [pfr3_group] pfr3 battery level indicator kit

has anyone purchased the battery level kit that can me incorporated into the pfr3 or even used for any 12 vlt or so
voltage level indication..
is it hard to install it into an assembled pfr3??

1889. i bit the bullet

Yahoo group: pfr3_group
Date: 2011-01-02 03:15:03 UTC
From: arthur
Topic: 1889 Message: 1889

i just ordered a pfr3 kit
didnt order the battery level kit.
"maybe i can figure out a firmware battery level solution"

1890. look at this simple doublet antenna

Yahoo group: pfr3_group
Date: 2011-01-03 03:45:24 UTC
From: arthur
Topic: 1890 Message: 1890

http://www.norcalqrp.org/norcaldoublet.htm

should work well with the pfr3 tuner
my emtech tuner and the hendricks blt tuner too
how long should it take for me to receive my pfr3 kit?

1891. Re: [pfr3_group] look at this simple doublet antenna

Yahoo group: pfr3_group
Date: 2011-01-03 04:33:59 UTC
From: MAXXOUT2@AOL.COM
Topic: 1890 Message: 1891

That really a nice compact antenna.
I don't know where to get a roll of the computer wire but Radio Shack has
the 4 conductor rotor wire selling for $18.99 for a 100 foot roll.
I just have one question.
What happens when you want to mount the antenna higher?
Or your property only allows you to mount it much farther away from the
shack and you now need 50 feet of feed line.
I assume this is more of a super light weight portable OP's antenna
BOB
AF2Q

QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570_ http://groups.yahoo.com/group/CW-QRP-Homebrewers/_
(http://groups.yahoo.com/group/CW-QRP-Homebrewers/) _ www.angelfire.com/nj4/rescue/_
(http://www.angelfire.com/nj4/rescue/) (http://www.bearsearchandrescue.org/)

In a message dated 1/2/2011 7:45:43 P.M. Pacific Standard Time,
arthurok@... writes:

http://www.norcalqrp.org/norcaldoublet.htm

should work well with the pfr3 tuner
my emtech tuner and the hendricks blt tuner too
how long should it take for me to receive my pfr3 kit?

QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570_ http://groups.yahoo.com/group/CW-QRP-Homebrewers/_
(http://groups.yahoo.com/group/CW-QRP-Homebrewers/) _ www.angelfire.com/nj4/rescue/_
(http://www.angelfire.com/nj4/rescue/) (http://www.bearsearchandrescue.org/)

1892. Re: [pfr3_group] look at this simple doublet antenna

Yahoo group: pfr3_group
Date: 2011-01-03 06:07:08 UTC
From: arthurok
Topic: 1890 Message: 1892

i think the computer wire is standard ribbon cable like used to hook things up inside of an older pc
the newer ultra ide ribbon is shielded
you could buy a roll of ribbon cable from mouser or digikey if it has more conductors just strip it down like a piece of zip cord.
a very long feed line to the dipole/ doublet might cause capacitance problems.
i can measure even low capacitances so that can be accertained
real tv twin lead has very low interconductor capacitance per foot.
they made some very low loss foam stuff that was exceptionly low.
for hf i would just use the cheap plastic stuff like radioshack sells.
if the capacitance is excessive you might have problems tuning up on 20 m
he specs it as a 40-10m antenna that will work with the norcal blt
as i mentioned earlier my emtech , the pfr3 and the hendicks blt tuners are based on that nor cal design.
maybe on 20 m you could use a 50 ft feed line and get away with it.
maybe have more then 2 dummy wires between the signal lines will decress the capacitance.
i believe this design was optimized for the tuner.
it actually a form of "zepp" antenna.
believe me the kx1/ elecraft internal tuner wont be able to handle it like most autotuners they are designed to match a 3 to 1 swr to a solid state transmitter
my old drake tr4 would do that with no tuner. i use mfj tuners "non qrp"
and the emtech i think the hendricks kit is better constructed then the emtech which i built several years ago.
a real ham knows how to use a tuner and tune up a transmitter with a pinet output.
from what im reading going with a pfr3 vs kx1 is a very good decision
in the old days ham band only stuff normally worked better then general coverage stuff.
i had an em40 tranceiver that had a variable selectivity crystal filter like elecraft uses
it needed an audio filter which is an option i didnt purchse to be good on cw the pfr3 has an audio filter as standard + a 4 pole xtal filter.
i started out as a novice in 1969 with a heath hw16 that my late father and i built.
it out preformed all the low end stuff on the market ----- Original Message -----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, January 02, 2011 10:33 PM
Subject: Re: [pfr3_group] look at this simple doublet antenna

That really a nice compact antenna.
I don't know where to get a roll of the computer wire but Radio Shack has the 4 conductor rotor wire selling for $18.99 for a 100 foot roll.
I just have one question.
What happens when you want to mount the antenna higher?
Or your property only allows you to mount it much farther away from the shack and you now need 50 feet of feed line.
I assume this is more of a super light weight portable OP's antenna
BOB

AF2Q
QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570 http://groups.yahoo.com/group/CW-QRP-Homebrewers/ www.angelfire.com/nj4/rescue/
In a message dated 1/2/2011 7:45:43 P.M. Pacific Standard Time, arthurok@... writes:
http://www.norcalqrp.org/norcaldoublet.htm

should work well with the pfr3 tuner
my emtech tuner and the hendricks blt tuner too
how long should it take for me to receive my pfr3 kit?

QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570 http://groups.yahoo.com/group/CW-QRP-Homebrewers/ www.angelfire.com/nj4/rescue/

1893. Re: look at this simple doublet antenna

Yahoo group: pfr3_group
Date: 2011-01-03 14:47:33 UTC
From: bob_nelson_k2qpn
Topic: 1890 Message: 1893

Almost any parallel conductor cable should work. This summer I needed to make a quickie antenna for a QRP outing. I went to RadioShack and bought 50' of speaker wire (like light weight zip cord)and made a NorCal doublet. The doublet tuned great with the PFR-3 tuner.

I have been a fan verticals since the 1960's. I have a modified MP-1 vertical that I use for QRP and QRO portable operation. I changed the whip to an MFJ 12 footer and added a tripod from Blue Star antennas.

I had a chance to compare the antennas during a ham radio demo for the Boy Scouts. The vertical was ground mounted and the doublet was up about 20'. A 20' crappie pole supported the center of the antenna and the ends was up in some trees. The doublet won hands down - signals were a good S unit stronger on the doublet. I was using an FT-857 and an MFJ tuner.

I am sold on the Norcal doublet.

73 (Best Regards),

Bob Nelson K2QPN

Burlington County Radio Club
Frankford Radio Club
NAQCC #2872
Flying Pig #2298
NJ QRP #518

1894. Re: [pfr3_group] Re: look at this simple doublet antenna

Yahoo group: pfr3_group
Date: 2011-01-03 20:40:46 UTC
From: arthurok
Topic: 1890 Message: 1894

how long was the feed wire?
----- Original Message -----
From: bob_nelson_k2qpn
To: pfr3_group@yahoogroups.com
Sent: Monday, January 03, 2011 8:47 AM
Subject: [pfr3_group] Re: look at this simple doublet antenna

Almost any parallel conductor cable should work. This summer I needed to make a quickie antenna for a QRP outing. I went to RadioShack and bought 50' of speaker wire (like light weight zip cord)and made a NorCal doublet. The doublet tuned great with the PFR-3 tuner.

I have been a fan verticals since the 1960's. I have a modified MP-1 vertical that I use for QRP and QRO portable operation. I changed the whip to an MFJ 12 footer and added a tripod from Blue Star antennas.

I had a chance to compare the antennas during a ham radio demo for the Boy Scouts. The vertical was ground mounted and the doublet was up about 20'. A 20' crappie pole supported the center of the antenna and the ends was up in some trees. The doublet won hands down - signals were a good S unit stronger on the doublet. I was using an FT-857 and an MFJ tuner.

I am sold on the Norcal doublet.

73 (Best Regards),

Bob Nelson K2QPN

Burlington County Radio Club
Frankford Radio Club
NAQCC #2872
Flying Pig #2298
NJ QRP #518

1895. Re: [pfr3_group] Re: look at this simple doublet antenna

Yahoo group: pfr3_group
Date: 2011-01-04 00:50:00 UTC
From: MAXXOUT2@AOL.COM
Topic: 1890 Message: 1895

If the question was answered I did not see it
What happens if that feed line must be made longer then shown?
BOB
AF2Q

QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570_ http://groups.yahoo.com/group/CW-QRP-Homebrewers/_
(http://groups.yahoo.com/group/CW-QRP-Homebrewers/) _ www.angelfire.com/nj4/rescue/_
(http://www.angelfire.com/nj4/rescue/) (http://www.bearsearchandrescue.org/)

1896. I made this just when we were alowed 30-M it will tune 40,30,20,and 15 Meters

Yahoo group: pfr3_group
Date: 2011-01-04 00:59:27 UTC
From: MAXXOUT2@AOL.COM
Topic: 1896 Message: 1896
Attachments: 1 described; binary payloads are missing from this source WARC

I sprung the $15.99 for the RS 300 ohm twin lead
This stuff is of better quality also.
The antenna works very well.
I hope this will show up on the mail.

I had saved the picture where the other guy changed it from meters to feet
and just happened to remember it, so here ya go !
Rick, KC8AON

BOB
AF2Q

QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570_ http://groups.yahoo.com/group/CW-QRP-Homebrewers/_
(http://groups.yahoo.com/group/CW-QRP-Homebrewers/) _ www.angelfire.com/nj4/rescue/_
(http://www.angelfire.com/nj4/rescue/) (http://www.bearsearchandrescue.org/)

1897. Re: [pfr3_group] Re: look at this simple doublet antenna

Yahoo group: pfr3_group
Date: 2011-01-04 01:14:46 UTC
From: arthurok
Topic: 1890 Message: 1897

i believe that on 4-30-20 meters you can have a 50ft feed line.
the original antenna was designed for 40-10 meters im assuming that the capacitance between feed line wires limits the length of the feed line.
the wire he is using looks to me like 4 conductor computer ribbon cable.
simply stated if the antenna cant be matched to the pfr3 then the feed line is too long
"i believe im right"
my kit hasnt been delivered to me yet after i build it up then i will be able to acertain what its matching range is
i wonder how quickly hes shipping kits out?
my customers want instant shipping.
i will have to get some 4 conductor ribbon cable and measure the capacitance.
----- Original Message -----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Sent: Monday, January 03, 2011 6:50 PM
Subject: Re: [pfr3_group] Re: look at this simple doublet antenna

If the question was answered I did not see it
What happens if that feed line must be made longer then shown?
BOB
AF2Q

QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570 http://groups.yahoo.com/group/CW-QRP-Homebrewers/ www.angelfire.com/nj4/rescue/

1898. Re: [pfr3_group] Re: look at this simple doublet antenna

Yahoo group: pfr3_group
Date: 2011-01-04 01:24:44 UTC
From: MAXXOUT2@AOL.COM
Topic: 1890 Message: 1898

Thanks for the information.
I don't know for sure but I was told there is shielded ribbon cable.
Not sure if it would help with tuning.
Anyway my end fed I like because I have 5 strung up in different areas so
I just pull up with my wagon and grab the wire and secure it to the end fed
tuner
BOB
AF2Q

QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570_ http://groups.yahoo.com/group/CW-QRP-Homebrewers/_
(http://groups.yahoo.com/group/CW-QRP-Homebrewers/) _ www.angelfire.com/nj4/rescue/_
(http://www.angelfire.com/nj4/rescue/) (http://www.bearsearchandrescue.org/)

In a message dated 1/3/2011 5:15:03 P.M. Pacific Standard Time,
arthurok@... writes:

i believe that on 4-30-20 meters you can have a 50ft feed line.
the original antenna was designed for 40-10 meters im assuming that
the capacitance between feed line wires limits the length of the
feed line.
the wire he is using looks to me like 4 conductor computer ribbon
cable.
simply stated if the antenna cant be matched to the pfr3 then the
feed line is too long
"i believe im right"
my kit hasnt been delivered to me yet after i build it up then
i will be able to acertain what its matching range is
i wonder how quickly hes shipping kits out?
my customers want instant shipping.
i will have to get some 4 conductor ribbon cable and measure
the capacitance.

QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570_ http://groups.yahoo.com/group/CW-QRP-Homebrewers/_
(http://groups.yahoo.com/group/CW-QRP-Homebrewers/) _ www.angelfire.com/nj4/rescue/_
(http://www.angelfire.com/nj4/rescue/) (http://www.bearsearchandrescue.org/)

1899. Re: [pfr3_group] Re: look at this simple doublet antenna

Yahoo group: pfr3_group
Date: 2011-01-04 02:16:28 UTC
From: arthurok
Topic: 1890 Message: 1899

for this i wouldnt use shielded ribbon cable
----- Original Message -----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Sent: Monday, January 03, 2011 7:24 PM
Subject: Re: [pfr3_group] Re: look at this simple doublet antenna

Thanks for the information.
I don't know for sure but I was told there is shielded ribbon cable.
Not sure if it would help with tuning.
Anyway my end fed I like because I have 5 strung up in different areas so I just pull up with my wagon and grab the wire and secure it to the end fed tuner
BOB
AF2Q

QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570 http://groups.yahoo.com/group/CW-QRP-Homebrewers/ www.angelfire.com/nj4/rescue/
In a message dated 1/3/2011 5:15:03 P.M. Pacific Standard Time, arthurok@ameritech.net writes:

i believe that on 4-30-20 meters you can have a 50ft feed line.
the original antenna was designed for 40-10 meters im assuming that the capacitance between feed line wires limits the length of the feed line.
the wire he is using looks to me like 4 conductor computer ribbon cable.
simply stated if the antenna cant be matched to the pfr3 then the feed line is too long
"i believe im right"
my kit hasnt been delivered to me yet after i build it up then i will be able to acertain what its matching range is
i wonder how quickly hes shipping kits out?
my customers want instant shipping.
i will have to get some 4 conductor ribbon cable and measure the capacitance.

QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570 http://groups.yahoo.com/group/CW-QRP-Homebrewers/ www.angelfire.com/nj4/rescue/

1900. Re: [pfr3_group] Re: look at this simple doublet antenna

Yahoo group: pfr3_group
Date: 2011-01-04 02:29:13 UTC
From: MAXXOUT2@AOL.COM
Topic: 1890 Message: 1900

It wouldn't be a problem if you connect the braid and center together. Bob. AF2Q
Former member of the O'clock High Skydiving Team

-----Original Message-----
From: "arthurok" <arthurok@ameritech.net>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 3 Jan 2011 20:16:28
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: look at this simple doublet antenna

for this i wouldnt use shielded ribbon cable
----- Original Message -----
From: MAXXOUT2@AOL.COM
To: pfr3_group@yahoogroups.com
Sent: Monday, January 03, 2011 7:24 PM
Subject: Re: [pfr3_group] Re: look at this simple doublet antenna

Thanks for the information.
I don't know for sure but I was told there is shielded ribbon cable.
Not sure if it would help with tuning.
Anyway my end fed I like because I have 5 strung up in different areas so I just pull up with my wagon and grab the wire and secure it to the end fed tuner
BOB
AF2Q

QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570 http://groups.yahoo.com/group/CW-QRP-Homebrewers/ www.angelfire.com/nj4/rescue/
In a message dated 1/3/2011 5:15:03 P.M. Pacific Standard Time, arthurok@ameritech.net writes:

i believe that on 4-30-20 meters you can have a 50ft feed line.
the original antenna was designed for 40-10 meters im assuming that the capacitance between feed line wires limits the length of the feed line.
the wire he is using looks to me like 4 conductor computer ribbon cable.
simply stated if the antenna cant be matched to the pfr3 then the feed line is too long
"i believe im right"
my kit hasnt been delivered to me yet after i build it up then i will be able to acertain what its matching range is
i wonder how quickly hes shipping kits out?
my customers want instant shipping.
i will have to get some 4 conductor ribbon cable and measure the capacitance.

QRP_L, # 1437 NJQRP #126,ARS #350,FISTS #4916,ARCl # 4600,Code Warrior # 1,
SKCC #4570 http://groups.yahoo.com/group/CW-QRP-Homebrewers/ www.angelfire.com/nj4/rescue/

1901. doublet antenna

Yahoo group: pfr3_group
Date: 2011-01-04 11:18:33 UTC
From: SteveB
Topic: 1901 Message: 1901

the doublet ant is a suberb antenna there has been many articles written on the subject which boils down to this any lenth of feedline to 33ft each leg will tune 80 - 10 easy 64 ft each leg will include 160m wether it is fed with 75 300 450 or open wire feeder 3inch-6inch spaced approx 600ohm feedline a good tuner is needed to acheive a good vswr match the only consideration to watch is comercial tuners tend to be fitted with 4-1 balun to open wire conectors change as required to your needs happy new year to all

1902. PFR-3 paddles discontinued

Yahoo group: pfr3_group
Date: 2011-01-04 18:53:03 UTC
From: kg0xp
Topic: 1902 Message: 1902

Last week I ordered a kit with paddles and I just received an email informing me that they are no longer available due to the machine shop that made the parts going out of business.

1903. Re: [pfr3_group] PFR-3 paddles discontinued

Yahoo group: pfr3_group
Date: 2011-01-04 19:31:29 UTC
From: ckwishmeier@cs.com
Topic: 1902 Message: 1903

That is really unfortunate.

Keith
WA9S

-----Original Message-----
From: kg0xp <kwandrsn@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Jan 4, 2011 1:53 pm
Subject: [pfr3_group] PFR-3 paddles discontinued

Last week I ordered a kit with paddles and I just received an email informing me that they are no longer available due to the machine shop that made the parts going out of business.

1904. Re: [pfr3_group] PFR-3 paddles discontinued

Yahoo group: pfr3_group
Date: 2011-01-04 20:46:28 UTC
From: Lee Mairs (SAG)
Topic: 1902 Message: 1904

Didn't some one recently mention that there was a second source for these paddles that were better quality? American Morse?
73 de Lee
KM4YY

On 1/4/2011 1:53 PM, kg0xp wrote:
> Last week I ordered a kit with paddles and I just received an email informing me that they are no longer available due to the machine shop that made the parts going out of business.
>
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> Yahoo! Groups Links
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1905. Re: [pfr3_group] PFR-3 paddles discontinued

Yahoo group: pfr3_group
Date: 2011-01-04 20:53:28 UTC
From: Jim Hurwitz
Topic: 1902 Message: 1905

It's the Baby Black Widow from W5JH:

http://www.w5jh.net/BBW_PFR3.htm

Jim
W1FMG

On Tue, Jan 4, 2011 at 3:46 PM, Lee Mairs (SAG) <lmairs@...m> wrote:

>
>
> Didn't some one recently mention that there was a second source for these
> paddles that were better quality? American Morse?
> 73 de Lee
> KM4YY
>
> On 1/4/2011 1:53 PM, kg0xp wrote:
> > Last week I ordered a kit with paddles and I just received an email
> informing me that they are no longer available due to the machine shop that
> made the parts going out of business.
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1906. Re: [pfr3_group] PFR-3 paddles discontinued

Yahoo group: pfr3_group
Date: 2011-01-04 20:56:08 UTC
From: sigcom@juno.com
Topic: 1902 Message: 1906

I don't believe that is true. I've seen no announcement and when selected they still go to the 'cart' on the QRPKits web site.

73.......Steve Smith WB6TNL

---------- Original Message ----------

On 1/4/2011 1:53 PM, kg0xp wrote:
> Last week I ordered a kit with paddles and I just received an email informing me that they are no longer available due to the machine shop that made the parts going out of business.

1907. Re: [pfr3_group] PFR-3 paddles discontinued

Yahoo group: pfr3_group
Date: 2011-01-04 21:03:48 UTC
From: sigcom@juno.com
Topic: 1902 Message: 1907

Well, I didn't read your post closely enough, d'oh!

I suppose if you received in an email then it must be true but I've seen no other announcement and their web site hasn't been updated.

Best of luck with your PFR-3A anyway!

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "sigcom@..." <sigcom@...>
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR-3 paddles discontinued
Date: Tue, 4 Jan 2011 20:56:08 GMT

I don't believe that is true. I've seen no announcement and when selected they still go to the 'cart' on the QRPKits web site.

73.......Steve Smith WB6TNL

1908. Re: [pfr3_group] PFR-3 paddles discontinued

Yahoo group: pfr3_group
Date: 2011-01-04 21:07:51 UTC
From: Bill VanKirk
Topic: 1902 Message: 1908

Yes see http://www.w5jh.net/BBW_PFR3.htm

On Tue, Jan 4, 2011 at 2:46 PM, Lee Mairs (SAG) <lmairs@...> wrote:

>
>
> Didn't some one recently mention that there was a second source for these
> paddles that were better quality? American Morse?
> 73 de Lee
> KM4YY
>
> On 1/4/2011 1:53 PM, kg0xp wrote:
> > Last week I ordered a kit with paddles and I just received an email
> informing me that they are no longer available due to the machine shop that
> made the parts going out of business.
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1909. Re: [pfr3_group] PFR-3 paddles discontinued

Yahoo group: pfr3_group
Date: 2011-01-04 21:50:58 UTC
From: ckwishmeier@cs.com
Topic: 1902 Message: 1909

Guys, we are not talking about the Baby Black Widow paddle. We are discussing the paddle kit sold by Hendricks which is similar to the Elecraft KX-1 paddle. However, the Hendricks is not a capacitive paddle. It has contacts. I hope They find another machinist. It's a nice paddle.

Keith
WA9S

-----Original Message-----
From: Bill VanKirk <bvkirk@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Jan 4, 2011 4:07 pm
Subject: Re: [pfr3_group] PFR-3 paddles discontinued

Yes see http://www.w5jh.net/BBW_PFR3.htm

On Tue, Jan 4, 2011 at 2:46 PM, Lee Mairs (SAG) <lmairs@...> wrote:

Didn't some one recently mention that there was a second source for these
paddles that were better quality? American Morse?
73 de Lee
KM4YY

On 1/4/2011 1:53 PM, kg0xp wrote:
> Last week I ordered a kit with paddles and I just received an email informing me that they are no longer available due to the machine shop that made the parts going out of business.
>
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> ------------------------------------
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> Yahoo! Groups Links
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1910. Re: [pfr3_group] PFR-3 paddles discontinued

Yahoo group: pfr3_group
Date: 2011-01-04 22:42:20 UTC
From: Lee Mairs (SAG)
Topic: 1902 Message: 1910

This is what I was trying to remember. They ARE for the Hendricks rig!
73 de Lee
KM4YY

On 1/4/2011 3:53 PM, Jim Hurwitz wrote:
>
>
> It's the Baby Black Widow from W5JH:
>
> http://www.w5jh.net/BBW_PFR3.htm
>
> Jim
> W1FMG
>
> On Tue, Jan 4, 2011 at 3:46 PM, Lee Mairs (SAG) <lmairs@...
> <mailto:lmairs@...>> wrote:
>
> Didn't some one recently mention that there was a second source for these
> paddles that were better quality? American Morse?
> 73 de Lee
> KM4YY
>
> On 1/4/2011 1:53 PM, kg0xp wrote:
> > Last week I ordered a kit with paddles and I just received an email
> informing me that they are no longer available due to the machine shop
> that made the parts going out of business.
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1911. Re: [pfr3_group] PFR-3 paddles discontinued

Yahoo group: pfr3_group
Date: 2011-01-05 00:47:49 UTC
From: John Daly
Topic: 1902 Message: 1911

If anyone is interested I have an unused-never assembled PFR-3a paddle set that I will sell for $43 ($40 + $3 US shipping) (USPS money order). No paypal please. Shipments to US only.

Email to: wa9whd@... if interested. 73 - John

Sent from my iPod

1912. Re: [pfr3_group] PFR-3 paddles discontinued

Yahoo group: pfr3_group
Date: 2011-01-05 00:56:45 UTC
From: arthurok
Topic: 1902 Message: 1912

i ordered a pfr3a last week but am going to use the bbw key i recently constructed
----- Original Message -----
From: sigcom@...m
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 04, 2011 3:03 PM
Subject: Re: [pfr3_group] PFR-3 paddles discontinued

Well, I didn't read your post closely enough, d'oh!

I suppose if you received in an email then it must be true but I've seen no other announcement and their web site hasn't been updated.

Best of luck with your PFR-3A anyway!

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "sigcom@..." <sigcom@...>
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR-3 paddles discontinued
Date: Tue, 4 Jan 2011 20:56:08 GMT

I don't believe that is true. I've seen no announcement and when selected they still go to the 'cart' on the QRPKits web site.

73.......Steve Smith WB6TNL

1913. Re: [pfr3_group] PFR-3 paddles - sold

Yahoo group: pfr3_group
Date: 2011-01-05 03:43:16 UTC
From: John Daly
Topic: 1913 Message: 1913

PFR3 paddles sold to KG0XP. Thanks.

72 - John WA9WHD

1914. Re: [pfr3_group] PFR-3 paddles - sold

Yahoo group: pfr3_group
Date: 2011-01-05 03:58:30 UTC
From: arthurok
Topic: 1913 Message: 1914

if he cant find someone to machine up new paddles maybe i can make them up
i have a lathe and milling machine i dont anodize like the superior bbw paddle
the hendriks seems quite simple.

----- Original Message -----
From: John Daly
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 04, 2011 9:43 PM
Subject: Re: [pfr3_group] PFR-3 paddles - sold

PFR3 paddles sold to KG0XP. Thanks.

72 - John WA9WHD

1915. PFR3a Tuner Issue

Yahoo group: pfr3_group
Date: 2011-01-11 04:34:53 UTC
From: Joel Meddings
Topic: 1915 Message: 1915

I just finished my PFR-3a, and put it through a short workout during the North American QSO Party this last weekend. I am very impressed with this little rig and had a lot of fun with it. It transmits and receives very nicely. I cannot, however, get the LED to dim while using the internal BLT tuner. If I run the output from this radio through an external antenna tuner, the LED will dim and go completely dark easily. I am wondering if I have an issue with the windings on coil T3. I thought I'd get some opinions from the group before I get back inside the rig. All in all though, I really like this rig and look forward to taking it outdoors, i.e. FYBO.

Thanks everyone, and 73

Joel

K0JEM

1916. Re: [pfr3_group] PFR3a Tuner Issue

Yahoo group: pfr3_group
Date: 2011-01-11 10:22:32 UTC
From: arthurok
Topic: 1915 Message: 1916

im still waiting for delivery of my pfr3a kit
but i read the manual
tell us about the antenna you are trying to tune with the pfr3a internal tuner
what is the external tuner that works with your antenna.
you could test your tuner by putting lets say a 300- 500 ohm resistor across the output
setting the switch to high impedance and see if you can load up to the resistor.
or lets say a 50 or 75 ohm across on the low impedance setting.

just don't use a wirewound resistor " unless its a special non inductive type"
get some 1/2 watt carbon films from radio shack and put them in parallel or series to handle 5 watts
"thats the easiest way to check the internal tuner.
"does the group agree"???

----- Original Message -----
From: Joel Meddings
To: pfr3_group@yahoogroups.com
Sent: Monday, January 10, 2011 10:34 PM
Subject: [pfr3_group] PFR3a Tuner Issue

I just finished my PFR-3a, and put it through a short workout during the North American QSO Party this last weekend. I am very impressed with this little rig and had a lot of fun with it. It transmits and receives very nicely. I cannot, however, get the LED to dim while using the internal BLT tuner. If I run the output from this radio through an external antenna tuner, the LED will dim and go completely dark easily. I am wondering if I have an issue with the windings on coil T3. I thought I'd get some opinions from the group before I get back inside the rig. All in all though, I really like this rig and look forward to taking it outdoors, i.e. FYBO.

Thanks everyone, and 73

Joel

K0JEM

1917. Re: [pfr3_group] PFR3a Tuner Issue

Yahoo group: pfr3_group
Date: 2011-01-11 11:14:46 UTC
From: David Wilcox
Topic: 1915 Message: 1917

Joel,

I thought the same thing and mine was one of the first kits sold at FDIM. There are notes on the reflector re changing the windings on the tuner toroid, but after playing around with the radio a little more I found that the tuner worked fine. The dip is very sharp at times on different antennas. Try it in a dark room first and go very slowly through the tuning sequence. I have kept my original windings on the toroid and am happy with the results.

Dave K8WPE

From: Joel Meddings <k0jem@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, January 10, 2011 11:34:53 PM
Subject: [pfr3_group] PFR3a Tuner Issue

I just finished my PFR-3a, and put it through a short workout during the North American QSO Party this last weekend. I am very impressed with this little rig and had a lot of fun with it. It transmits and receives very nicely. I cannot, however, get the LED to dim while using the internal BLT tuner. If I run the output from this radio through an external antenna tuner, the LED will dim and go completely dark easily. I am wondering if I have an issue with the windings on coil T3. I thought I'd get some opinions from the group before I get back inside the rig. All in all though, I really like this rig and look forward to taking it outdoors, i.e. FYBO.
Thanks everyone, and 73
Joel
K0JEM

1918. Re: PFR3a Tuner Issue

Yahoo group: pfr3_group
Date: 2011-01-11 11:50:14 UTC
From: ad1os808
Topic: 1915 Message: 1918

I had to compress the windings to get it working on 40. The other bands were OK.
Mike AD1OS

1919. Re: [pfr3_group] PFR3a Tuner Issue

Yahoo group: pfr3_group
Date: 2011-01-11 13:09:17 UTC
From: lahagar1@aol.com
Topic: 1915 Message: 1919

Dave,

I found exactly the same thing - tuning is sharp, and and I found tuning on 30m and 20m takes more care than 40m -- for the antennas I have tried.

For example, tuning a 50 ft doublet "Sharpness" of tuning shown for 40m (at 1:40 mark in video), 30m (at 3:39 in video) and 20m (at 8:55 in video):
http://www.youtube.com/user/NG9D?feature=mhum#p/u/2/qaUN9m2u1pQ
The doublet, including feed line, is made out of two 75 foot long pc of 20 ga. wire, no soldering, held up in an inverted-V arrangement by a PVC tube.

I built my tuner per Steve's instructions. Detail photos of SWR bridge torroid T3 at 1:50 mark in this video:
http://www.youtube.com/user/NG9D?feature=mhum#p/u/5/wJs2iYGd-VA

Seems to be very adaptable tuner, also works well with an end fed wire (34 ft wire, 15 ft counterpoise):
http://www.youtube.com/user/NG9D?feature=mhum#p/u/22/3kWvXJ_5XgE

GL QRP 73 DE Lynn/NG9D

-----Original Message-----
From: David Wilcox <djwilcox01@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Jan 11, 2011 5:14 am
Subject: Re: [pfr3_group] PFR3a Tuner Issue

Joel,

I thought the same thing and mine was one of the first kits sold at FDIM. There are notes on the reflector re changing the windings on the tuner toroid, but after playing around with the radio a little more I found that the tuner worked fine. The dip is very sharp at times on different antennas. Try it in a dark room first and go very slowly through the tuning sequence. I have kept my original windings on the toroid and am happy with the results.

Dave K8WPE

From: Joel Meddings <k0jem@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, January 10, 2011 11:34:53 PM
Subject: [pfr3_group] PFR3a Tuner Issue

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issue with the windings on coil T3. I thought I’d get some opinions from the group before I get back inside the rig. All in all though, I really like this rig and look forward to taking it outdoors, i.e. FYBO.
Thanks everyone, and 73
Joel
K0JEM

1920. Re: [pfr3_group] PFR3a Tuner Issue

Yahoo group: pfr3_group
Date: 2011-01-12 04:33:12 UTC
From: Joel Meddings
Topic: 1915 Message: 1920

The antenna I started off with is the G5RV that I use for my main HF rig, and the external antenna tuner is the MFJ Deluxe Versa Tuner 2. I simply connected my PFR3a to the MFJ same as I would my main rig, and by tuning the MFJ I can get the PFR3a LED to dim and go completely dark easily. I think I'll try an end fed half wave wire antenna next to see if there is any difference with the BLT tuner. Thanks for the additional suggestions.

73

Joel

K0JEM

1921. Re: [pfr3_group] Re: PFR3a Tuner Issue

Yahoo group: pfr3_group
Date: 2011-01-12 05:25:14 UTC
From: arthurok
Topic: 1915 Message: 1921

following the wrap on the pictures in the manual wasnt the correct spacing?
the power levels are low enogh so that compressing the windings isnt a big issue.
"might be on a 1 kw balun"
----- Original Message -----
From: ad1os808
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 11, 2011 5:50 AM
Subject: [pfr3_group] Re: PFR3a Tuner Issue

I had to compress the windings to get it working on 40. The other bands were OK.
Mike AD1OS

1922. Re: [pfr3_group] PFR3a Tuner Issue

Yahoo group: pfr3_group
Date: 2011-01-12 05:48:27 UTC
From: arthurok
Topic: 1915 Message: 1922

i have an mfj versa tuner and it has a huge tuning range.
the only problem with the versa tuner is that with a high power rig like the drake tr4 i had
and a poor antenna match i was able to melt the tank coil plastic seperators in it.
"i bought a new assembly from mfj and replaced the fiber insulating washers with teflon ones also from mfj your tuner is newer so it probably has the teflon washers and improved switch.
the g5rv is a coaxialy fed antenna but with one side grounded the pfr3 dosent care.
im assuming you were using the low impedance setting on the pfr3?
im not sure what the actual impedance of the g5rv is.
the tuner in the pfr3 isnt spec'd 6 turns high 2 turns low? so there is a 9 to 1 impedance ratio
between low and high settings?
makes sense too 50 ohm coax to 450 ohm ladder line

----- Original Message -----
From: Joel Meddings
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 11, 2011 10:33 PM
Subject: Re: [pfr3_group] PFR3a Tuner Issue

The antenna I started off with is the G5RV that I use for my main HF rig, and the external antenna tuner is the MFJ Deluxe Versa Tuner 2. I simply connected my PFR3a to the MFJ same as I would my main rig, and by tuning the MFJ I can get the PFR3a LED to dim and go completely dark easily. I think I'll try an end fed half wave wire antenna next to see if there is any difference with the BLT tuner. Thanks for the additional suggestions.

73

Joel

K0JEM

1923. Re: [pfr3_group] doublet antenna

Yahoo group: pfr3_group
Date: 2011-01-13 19:27:37 UTC
From: Bert Thompson
Topic: 1901 Message: 1923

Steve,

I'm here in Denver baby sitting the grand kids and renting a small cottage with the xyl. The attic is exactly 44ft long. Well could not fit my "carolina windom" up there. So I built a double antenna "aka Norcal 40". I went up the street to the local hardware store and bought a 50ft. roll of lamp cord. Stripped down 22ft. yielding 44ft. and attached the remaining unstripped 28ft. in the center of the attic and the stripped ends to either end of the attic. Then attached the feed line to a 4:1 balun and connected 50 ohm coax from the balun and down the heat duct to the shack; works great. I use an Elecraft T1 tuner with my PFR-3 and have worked alot of qso's and contests. Not the best setup in the world but okay under the present conditions.

Bert M. Thompson KB3MHB/0 73

--- On Tue, 1/4/11, SteveB <steve.box73@...> wrote:

From: SteveB <steve.box73@...>
Subject: [pfr3_group] doublet antenna
To: pfr3_group@yahoogroups.com
Date: Tuesday, January 4, 2011, 11:18 AM

the doublet ant is a suberb antenna there has been many articles written on the subject which boils down to this any lenth of feedline to 33ft each leg will tune 80 - 10 easy 64 ft each leg will include 160m wether it is fed with 75 300 450 or open wire feeder 3inch-6inch spaced approx 600ohm feedline a good tuner is needed to acheive a good vswr match the only consideration to watch is comercial tuners tend to be fitted with 4-1 balun to open wire conectors change as required to your needs happy new year to all

1924. BLT Tuning Issues fixed

Yahoo group: pfr3_group
Date: 2011-01-15 05:09:14 UTC
From: Joel Meddings
Topic: 1924 Message: 1924

Hello again everyone-I had posted a problem to the group recently concerning the fact that I could not get the swr LED to dim and go out while tuning the BLT tuner on my new PFR3A. I received several very helpful suggestions. The one post that was the most helpful was one that included a link to several YouTube videos produced by NG9D. If you haven't seen these yet, these videos cover both construction and operation of the PFR-3A. As I was watching one, I saw how NG9D was able to peak the signal by adjusting the tune and load capacitors before tuning the BLT. And I recalled that in the instructions for the PFR3A, it is clearly stated that these capacitors should be adjusted for best signal strength. I could not do this with my PFR3A, and that was my real indication that there was a problem. I opened up the rig and looked around, and sure enough I had missed a connection between the antenna switch and the coax connector. This was one of the last steps in the construction process, and I remembered that I had been up late that night trying to finish the build, and simply missed this connection. Anyway, the rig works great now, and I have already made several contacts with it. The PFR3A is very fun to operate and I am very happy with it.

I wanted to post my story to the group in hopes that some new builders out there might learn from my mistake.

Lesson 1 Be sure to double-check your work, and stop before you get tired and lose your concentration.

Lesson 2 Don't hesitate to ask for help-there are many smart fellers in this group who are glad to help.

Lesson 3 Don't always assume that a problem will be difficult to trouble-shoot or fix. I have built several kits over the years, including heathkits, Elecraft K1, etc. 9 times out of 10 if there is a problem, it will be simple and easy to fix if you just take a few minutes to think about what is working, what is not working, what you've done, etc. Then if you can't figure it out, refer to Lesson 2.

Finally, if you haven't seen the videos by NG9D, by all means do so. They are well done and very interesting and helpful.

Thanks to everyone, and hope to work you on the air

73

Joel

K0JEM

1925. Re: [pfr3_group] BLT Tuning Issues fixed

Yahoo group: pfr3_group
Date: 2011-01-15 06:42:32 UTC
From: arthurok
Topic: 1924 Message: 1925

how does it load up the g5rv now??
----- Original Message -----
From: Joel Meddings
To: pfr3_group@yahoogroups.com
Sent: Friday, January 14, 2011 11:09 PM
Subject: [pfr3_group] BLT Tuning Issues fixed

Hello again everyone-I had posted a problem to the group recently concerning the fact that I could not get the swr LED to dim and go out while tuning the BLT tuner on my new PFR3A. I received several very helpful suggestions. The one post that was the most helpful was one that included a link to several YouTube videos produced by NG9D. If you haven't seen these yet, these videos cover both construction and operation of the PFR-3A. As I was watching one, I saw how NG9D was able to peak the signal by adjusting the tune and load capacitors before tuning the BLT. And I recalled that in the instructions for the PFR3A, it is clearly stated that these capacitors should be adjusted for best signal strength. I could not do this with my PFR3A, and that was my real indication that there was a problem. I opened up the rig and looked around, and sure enough I had missed a connection between the antenna switch and the coax connector. This was one of the last steps in the construction process, and I remembered that I had been up late that night trying to finish the build, and simply missed this connection. Anyway, the rig works great now, and I have already made several contacts with it. The PFR3A is very fun to operate and I am very happy with it.

I wanted to post my story to the group in hopes that some new builders out there might learn from my mistake.

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Finally, if you haven't seen the videos by NG9D, by all means do so. They are well done and very interesting and helpful.

Thanks to everyone, and hope to work you on the air

73

Joel

K0JEM

1926. Mounting stereo jacks

Yahoo group: pfr3_group
Date: 2011-01-15 18:51:16 UTC
From: jonathan.thomson62
Topic: 1926 Message: 1926

I am just about finished with group 1. It seems as though the front lug on the stereo jacks is slightly larger than the hole in the board. Of course, I can file the lug a bit but I first wanted to make sure I was not missing something in the assembly of jacks.

Thanks,

Jonathan

1927. Re: Mounting stereo jacks

Yahoo group: pfr3_group
Date: 2011-01-15 18:54:25 UTC
From: k9jri@att.net
Topic: 1926 Message: 1927

Mine were a bit tight as well. I either squeezed or filed them a bit. Not sure which:)

Great little rig!

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "jonathan.thomson62" <jongracelisa@...> wrote:
>
> I am just about finished with group 1. It seems as though the front lug on the stereo jacks is slightly larger than the hole in the board. Of course, I can file the lug a bit but I first wanted to make sure I was not missing something in the assembly of jacks.
>
> Thanks,
>
> Jonathan
>

1928. Re: [pfr3_group] Mounting stereo jacks

Yahoo group: pfr3_group
Date: 2011-01-15 19:26:12 UTC
From: Larry Makoski
Topic: 1926 Message: 1928

On 1/15/2011 1:51 PM, jonathan.thomson62 wrote:
>
> I am just about finished with group 1. It seems as though the front
> lug on the stereo jacks is slightly larger than the hole in the board.
> Of course, I can file the lug a bit but I first wanted to make sure I
> was not missing something in the assembly of jacks.
>
> Thanks,
>
> Jonathan
>
>

I also ended up having to ream out the holes in the enclosure for mine.
They were a bit too small.

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

1929. RE: [pfr3_group] Re: Mounting stereo jacks

Yahoo group: pfr3_group
Date: 2011-01-16 00:49:36 UTC
From: Dale Putnam
Topic: 1926 Message: 1929

The holes on the ones that I have built, have had the thickness of paint get in the way. The holes tend to gather a bit of extra paint, thus "growing" smaller, in a fashion. Clearing out the extra paint will usually clear the problem. I wouldn't mess with the jacks, their integrity needs to be a strong as possible. Hate to have one fail at the most inoppurtune time.. and you know Murphy will attack the weak spot.
Good Luck,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k9jri@...
Date: Sat, 15 Jan 2011 18:54:25 +0000
Subject: [pfr3_group] Re: Mounting stereo jacks

Mine were a bit tight as well. I either squeezed or filed them a bit. Not sure which:)

Great little rig!

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "jonathan.thomson62" <jongracelisa@...> wrote:
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>
> Thanks,
>
> Jonathan
>

1930. Re: [pfr3_group] Re: Mounting stereo jacks

Yahoo group: pfr3_group
Date: 2011-01-16 04:07:56 UTC
From: arthurok
Topic: 1926 Message: 1930

a tiny bit of trimming with side cutters is better then filing "conductive dust"
cleaning the drilled hole with a tiny drill is a good idea too
im still waiting for my pfr3a wait is the customary wait time?
----- Original Message -----
From: k9jri@...
To: pfr3_group@yahoogroups.com
Sent: Saturday, January 15, 2011 12:54 PM
Subject: [pfr3_group] Re: Mounting stereo jacks

Mine were a bit tight as well. I either squeezed or filed them a bit. Not sure which:)

Great little rig!

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "jonathan.thomson62" <jongracelisa@...> wrote:
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>
> Thanks,
>
> Jonathan
>

1931. Re: [pfr3_group] Re: Mounting stereo jacks

Yahoo group: pfr3_group
Date: 2011-01-16 14:34:46 UTC
From: lahagar1@aol.com
Topic: 1926 Message: 1931

Mine took several weeks. But at that time Doug was getting ready for Dayton 2010. You should get your kit soon I would think. Say Arthur, are you K9DTA? ... we should QSO! Listen on 3552 if you have 80 meters capability.

73
Lynn
NG9D

-----Original Message-----
From: arthurok <arthurok@ameritech.net>
To: pfr3_group@yahoogroups.com
Sent: Sat, Jan 15, 2011 10:07 pm
Subject: Re: [pfr3_group] Re: Mounting stereo jacks

a tiny bit of trimming with side cutters is better then filing "conductive dust"
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----- Original Message -----
From: k9jri@...
To: pfr3_group@yahoogroups.com
Sent: Saturday, January 15, 2011 12:54 PM
Subject: [pfr3_group] Re: Mounting stereo jacks

Mine were a bit tight as well. I either squeezed or filed them a bit. Not sure which:)

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>
> Thanks,
>
> Jonathan
>

1932. Re: [pfr3_group] Re: Mounting stereo jacks

Yahoo group: pfr3_group
Date: 2011-01-17 02:30:02 UTC
From: arthurok
Topic: 1926 Message: 1932

i can get on 80 m
and i am k9dta.
----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, January 16, 2011 8:34 AM
Subject: Re: [pfr3_group] Re: Mounting stereo jacks

Mine took several weeks. But at that time Doug was getting ready for Dayton 2010. You should get your kit soon I would think. Say Arthur, are you K9DTA? ... we should QSO! Listen on 3552 if you have 80 meters capability.

73
Lynn
NG9D

-----Original Message-----
From: arthurok <arthurok@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Jan 15, 2011 10:07 pm
Subject: Re: [pfr3_group] Re: Mounting stereo jacks

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>
> Thanks,
>
> Jonathan
>

1933. FS: PFR3A unassembled

Yahoo group: pfr3_group
Date: 2011-01-18 02:17:37 UTC
From: John Daly
Topic: 1933 Message: 1933

I have an unassembled PFR3A with parts still in sealed package for sale. Price shipped is $225 firm (US Postal Money Order only). No paypal please- shipped to US states only.

If interested contact me - 72 - John WA9WHD, Lutz, FL

E-maid is: WA9WHD@...

Sent from my iPod

1934. Re: [pfr3_group] FS: PFR3A unassembled

Yahoo group: pfr3_group
Date: 2011-01-18 03:52:49 UTC
From: arthurok
Topic: 1933 Message: 1934

mine is on order or id take your kit.
----- Original Message -----
From: John Daly
To: pfr3_group@yahoogroups.com
Sent: Monday, January 17, 2011 8:17 PM
Subject: [pfr3_group] FS: PFR3A unassembled

I have an unassembled PFR3A with parts still in sealed package for sale. Price shipped is $225 firm (US Postal Money Order only). No paypal please- shipped to US states only.

If interested contact me - 72 - John WA9WHD, Lutz, FL

E-maid is: WA9WHD@...

Sent from my iPod

1935. Re: [pfr3_group] FS: PFR3A unassembled

Yahoo group: pfr3_group
Date: 2011-01-18 03:52:22 UTC
From: arthurok
Topic: 1933 Message: 1935

why dont you want to build it up?
----- Original Message -----
From: John Daly
To: pfr3_group@yahoogroups.com
Sent: Monday, January 17, 2011 8:17 PM
Subject: [pfr3_group] FS: PFR3A unassembled

I have an unassembled PFR3A with parts still in sealed package for sale. Price shipped is $225 firm (US Postal Money Order only). No paypal please- shipped to US states only.

If interested contact me - 72 - John WA9WHD, Lutz, FL

E-maid is: WA9WHD@...

Sent from my iPod

1936. Re: [pfr3_group] FS: PFR3A unassembled

Yahoo group: pfr3_group
Date: 2011-01-18 18:02:55 UTC
From: John Daly
Topic: 1933 Message: 1936

Thanks OM - looks like a great kit but I have too little time and 3-4 other qrp kits awaiting to be built too. I want to start on something simpler - already built the Pixie II, Rockmite, and NS-40. Now working on SW-40 and SW-30 and have a 2n/2 - 40 (Norcal) also awaiting in the cue (that appears pretty challenging too- approx. 300 components). So my plate is full and I suspect that someone else might enjoy building this one now. Never say never, as I may end up not selling this one and eventually building it later.... once things settle down in terms of work committments.

Best 72 - John - WA9WHD (Lutz, FL)

--- On Mon, 1/17/11, arthurok <arthurok@ameritech.net> wrote:

From: arthurok <arthurok@...>
Subject: Re: [pfr3_group] FS: PFR3A unassembled
To: pfr3_group@yahoogroups.com
Date: Monday, January 17, 2011, 7:52 PM

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----- Original Message -----
From: John Daly
To: pfr3_group@yahoogroups.com
Sent: Monday, January 17, 2011 8:17 PM
Subject: [pfr3_group] FS: PFR3A unassembled

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If interested contact me - 72 - John WA9WHD, Lutz, FL

E-maid is: WA9WHD@...

Sent from my iPod

1937. Re: [pfr3_group] FS: PFR3A unassembled

Yahoo group: pfr3_group
Date: 2011-01-18 21:53:54 UTC
From: arthurok
Topic: 1933 Message: 1937

if my kit wasnt on order id take it.
i wonder if i will ever see a kit from hendricks its been over 2 weeks and nothing yet
----- Original Message -----
From: John Daly
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 18, 2011 12:02 PM
Subject: Re: [pfr3_group] FS: PFR3A unassembled

Thanks OM - looks like a great kit but I have too little time and 3-4 other qrp kits awaiting to be built too. I want to start on something simpler - already built the Pixie II, Rockmite, and NS-40. Now working on SW-40 and SW-30 and have a 2n/2 - 40 (Norcal) also awaiting in the cue (that appears pretty challenging too- approx. 300 components). So my plate is full and I suspect that someone else might enjoy building this one now. Never say never, as I may end up not selling this one and eventually building it later.... once things settle down in terms of work committments.

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To: pfr3_group@yahoogroups.com
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Sent: Monday, January 17, 2011 8:17 PM
Subject: [pfr3_group] FS: PFR3A unassembled

I have an unassembled PFR3A with parts still in sealed package for sale. Price shipped is $225 firm (US Postal Money Order only). No paypal please- shipped to US states only.

If interested contact me - 72 - John WA9WHD, Lutz, FL

E-maid is: WA9WHD@...

Sent from my iPod

1938. Re: [pfr3_group] FS: PFR3A unassembled

Yahoo group: pfr3_group
Date: 2011-01-18 22:15:10 UTC
From: John Daly
Topic: 1933 Message: 1938

They are good people - it will come soon!

Best - John Wa9whd

Sent from my iPod

On Jan 18, 2011, at 4:53 PM, "arthurok" <arthurok@...> wrote:

☐

if my kit wasnt on order id take it.
i wonder if i will ever see a kit from hendricks its been over 2 weeks and nothing yet
----- Original Message -----
From: John Daly
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 18, 2011 12:02 PM
Subject: Re: [pfr3_group] FS: PFR3A unassembled

Thanks OM - looks like a great kit but I have too little time and 3-4 other qrp kits awaiting to be built too. I want to start on something simpler - already built the Pixie II, Rockmite, and NS-40. Now working on SW-40 and SW-30 and have a 2n/2 - 40 (Norcal) also awaiting in the cue (that appears pretty challenging too- approx. 300 components). So my plate is full and I suspect that someone else might enjoy building this one now. Never say never, as I may end up not selling this one and eventually building it later.... once things settle down in terms of work committments.

Best 72 - John - WA9WHD (Lutz, FL)

--- On Mon, 1/17/11, arthurok <arthurok@...> wrote:

From: arthurok <arthurok@...>
Subject: Re: [pfr3_group] FS: PFR3A unassembled
To: pfr3_group@yahoogroups.com
Date: Monday, January 17, 2011, 7:52 PM

why dont you want to build it up?
----- Original Message -----
From: John Daly
To: pfr3_group@yahoogroups.com
Sent: Monday, January 17, 2011 8:17 PM
Subject: [pfr3_group] FS: PFR3A unassembled

I have an unassembled PFR3A with parts still in sealed package for sale. Price shipped is $225 firm (US Postal Money Order only). No paypal please- shipped to US states only.

If interested contact me - 72 - John WA9WHD, Lutz, FL

E-maid is: WA9WHD@...

Sent from my iPod

1939. Koch Method

Yahoo group: pfr3_group
Date: 2011-01-21 20:56:29 UTC
From: Richard Powers
Topic: 1939 Message: 1939

Gents;
Well, since I will soon get my PFR-3 I figured I'd better get busy with the code.
I started with the Koch Method default 25 wpm Char & Code speeds & immediately found that I couldn't write (print) that fast and have toned that down to 25 wpm Char Speed & 15 WPM Code Speed & I still can't write that fast.

Now I don't think I should go any slower than that so I am wondering if I should go ahead & try to just copy in my head.
(I initially learned up to 13 WPM back in the '70s but never used it.)

Any other ideas out there in PFR-3 Land?
Dick WB9PWQ

1940. RE: [pfr3_group] Koch Method

Yahoo group: pfr3_group
Date: 2011-01-22 00:01:46 UTC
From: Dennis King
Topic: 1939 Message: 1940
Attachments: 2 described; binary payloads are missing from this source WARC

Try typing - you can typically type a lot faster than writing long hand.

Contesters enter data in contest logging programs that way.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Richard Powers
Sent: Friday, January 21, 2011 12:56 PM
To: PF3 Group QRP
Subject: [pfr3_group] Koch Method

Gents;

Well, since I will soon get my PFR-3 I figured I'd better get busy with the code.

I started with the Koch Method default 25 wpm Char & Code speeds & immediately found that I couldn't write (print) that fast and have toned that down to 25 wpm Char Speed & 15 WPM Code Speed & I still can't write that fast.

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(I initially learned up to 13 WPM back in the '70s but never used it.)

Any other ideas out there in PFR-3 Land?

Dick WB9PWQ

1941. Re: [pfr3_group] Koch Method

Yahoo group: pfr3_group
Date: 2011-01-22 01:11:09 UTC
From: ckwishmeier@cs.com
Topic: 1939 Message: 1941

Dick,

My code speed is between 25 and 35 wpm, depending on what is being sent. For my contesting I type. For general rag chewing I just copy in my head and take occasional notes. I can't write or type very fast either.

Keith
WA9S

-----Original Message-----
From: Dennis King <n6kd@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Jan 21, 2011 7:04 pm
Subject: RE: [pfr3_group] Koch Method

Try typing – you can typically type a lot faster than writing long hand.
Contesters enter data in contest logging programs that way.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Richard Powers
Sent: Friday, January 21, 2011 12:56 PM
To: PF3 Group QRP
Subject: [pfr3_group] Koch Method

Gents;

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(I initially learned up to 13 WPM back in the '70s but never used it.)

Any other ideas out there in PFR-3 Land?

Dick WB9PWQ

&nbs p;

1942. Re: Koch Method

Yahoo group: pfr3_group
Date: 2011-01-22 02:17:09 UTC
From: ad1os808
Topic: 1939 Message: 1942

I am assuming you've not forgotten Morse entirely. If you did it once, I don't see why you can't do it again. I'm aware of the Koch and Farnsworth methods, and the differences between them. Herr Koch's seems to be for beginners, startng from scratch. Farnsworth's is a style that may make it easier for a person to copy slightly higher speeds. Don't worry about the speed, just get immersed in CW. I always have a radio on the background, on some active CW frequency, and copy in my head. In day to day CW work, groups of characters become more recognizable at higher speeds than individuals letters. If I do copy, I find myself a few letters behind the actual text. I wonder how many Ops actually copy "my QTH is Chicago, Il ..--.. Chicago, Il" Or just scribble CGO. The last time I copied solid was in 1980 or so, at the FCC office. Then, you could either hand in 1 minute solid, or take a 10 question test based on the CW sent.
Try one of the QRP sprints or contests. You'll be surprised at your terminal CW speed.
Try casual QSOs on a clearer band, where there's less distraction and anxiety. Hope this helps.
Mike AD1OS

1943. Re: [pfr3_group] Koch Method

Yahoo group: pfr3_group
Date: 2011-01-22 04:37:27 UTC
From: arthurok
Topic: 1939 Message: 1943

i cant touch type
----- Original Message -----
From: Dennis King
To: pfr3_group@yahoogroups.com
Sent: Friday, January 21, 2011 6:01 PM
Subject: RE: [pfr3_group] Koch Method

Try typing - you can typically type a lot faster than writing long hand.

Contesters enter data in contest logging programs that way.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Richard Powers
Sent: Friday, January 21, 2011 12:56 PM
To: PF3 Group QRP
Subject: [pfr3_group] Koch Method

Gents;

Well, since I will soon get my PFR-3 I figured I'd better get busy with the code.

I started with the Koch Method default 25 wpm Char & Code speeds & immediately found that I couldn't write (print) that fast and have toned that down to 25 wpm Char Speed & 15 WPM Code Speed & I still can't write that fast.

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(I initially learned up to 13 WPM back in the '70s but never used it.)

Any other ideas out there in PFR-3 Land?

Dick WB9PWQ

1944. Re: [pfr3_group] Koch Method

Yahoo group: pfr3_group
Date: 2011-01-22 16:22:11 UTC
From: Richard Powers
Topic: 1939 Message: 1944

Hi Dennis;
Well I am not much of a typist, but its a good thought.
Also, you sent 2 files along, but they are both empty.
Dick

From: Dennis King <n6kd@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, January 21, 2011 6:01:46 PM
Subject: RE: [pfr3_group] Koch Method

Try typing – you can typically type a lot faster than writing long hand.
Contesters enter data in contest logging programs that way.

From:pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Richard Powers
Sent: Friday, January 21, 2011 12:56 PM
To: PF3 Group QRP
Subject: [pfr3_group] Koch Method

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Well, since I will soon get my PFR-3 I figured I'd better get busy with the code.
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(I initially learned up to 13 WPM back in the '70s but never used it.)

Any other ideas out there in PFR-3 Land?
Dick WB9PWQ

1945. Re: [pfr3_group] Koch Method

Yahoo group: pfr3_group
Date: 2011-01-22 16:25:06 UTC
From: Richard Powers
Topic: 1939 Message: 1945

Keith;
I should live so long as to have a code speed of 25 or 35 WPM!
HI.
Dick

From: "ckwishmeier@..." <ckwishmeier@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, January 21, 2011 7:11:09 PM
Subject: Re: [pfr3_group] Koch Method

Dick,

My code speed is between 25 and 35 wpm, depending on what is being sent. For my contesting I type. For general rag chewing I just copy in my head and take occasional notes. I can't write or type very fast either.

Keith
WA9S

-----Original Message-----
From: Dennis King <n6kd@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Jan 21, 2011 7:04 pm
Subject: RE: [pfr3_group] Koch Method

Try typing – you can typically type a lot faster than writing long hand. Contesters enter data in contest logging programs that way.

From:pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Richard Powers
Sent: Friday, January 21, 2011 12:56 PM
To: PF3 Group QRP
Subject: [pfr3_group] Koch Method

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(I initially learned up to 13 WPM back in the '70s but never used it.)

Any other ideas out there in PFR-3 Land?
Dick WB9PWQ
&nbs p;

1946. Re: [pfr3_group] Re: Koch Method

Yahoo group: pfr3_group
Date: 2011-01-22 16:31:03 UTC
From: Richard Powers
Topic: 1939 Message: 1946

HI Mike;
I would love to find a program like the Koch Method that uses the Farnsworth Method instead or something close to it.
Thanks for your very nice reply. I'm surprised you don't get kicked out of the house for having a radio on in the background all that time.
Have a great day.
Dick WB9PWQ Joliet, IL

From: ad1os808 <bb1300@aol.com>
To: pfr3_group@yahoogroups.com
Sent: Fri, January 21, 2011 8:17:09 PM
Subject: [pfr3_group] Re: Koch Method

I am assuming you've not forgotten Morse entirely. If you did it once, I don't see why you can't do it again. I'm aware of the Koch and Farnsworth methods, and the differences between them. Herr Koch's seems to be for beginners, startng from scratch. Farnsworth's is a style that may make it easier for a person to copy slightly higher speeds. Don't worry about the speed, just get immersed in CW. I always have a radio on the background, on some active CW frequency, and copy in my head. In day to day CW work, groups of characters become more recognizable at higher speeds than individuals letters. If I do copy, I find myself a few letters behind the actual text. I wonder how many Ops actually copy "my QTH is Chicago, Il ..--.. Chicago, Il" Or just scribble CGO. The last time I copied solid was in 1980 or so, at the FCC office. Then, you could either hand in 1 minute solid, or take a 10 question test based on the CW sent.

Try one of the QRP sprints or contests. You'll be surprised at your terminal CW speed.

Try casual QSOs on a clearer band, where there's less distraction and anxiety.
Hope this helps.
Mike AD1OS

1947. Re: Koch Method

Yahoo group: pfr3_group
Date: 2011-01-22 19:43:08 UTC
From: SteveB
Topic: 1939 Message: 1947

--- In pfr3_group@yahoogroups.com, Richard Powers <powers_richard@...> wrote:
>
> HI Mike;
> I would love to find a program like the Koch Method that uses the Farnsworth
> Method instead or something close to it.
> Thanks for your very nice reply. I'm surprised you don't get kicked out of the
> house for having a radio on in the background all that time.
> Have a great day.
> Dick WB9PWQ Joliet, IL

try JUST LEARN MORSE CODE gives total control of speed and spacing
also play text file with common qso type words? numbers remember most qso,s are rubber stamp rst name qth 73 try it 25wpm for words with farnsworth spacing at 12 wpm that way you will copy in ear 73

1948. Re: [pfr3_group] Re: Koch Method

Yahoo group: pfr3_group
Date: 2011-01-22 21:12:52 UTC
From: Richard Powers
Topic: 1939 Message: 1948

Fabulous idea Steve.
Thanks,
Dick

From: SteveB <steve.box73@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, January 22, 2011 1:43:08 PM
Subject: [pfr3_group] Re: Koch Method

--- In pfr3_group@yahoogroups.com, Richard Powers <powers_richard@...> wrote:
>
> HI Mike;
> I would love to find a program like the Koch Method that uses the Farnsworth
> Method instead or something close to it.
> Thanks for your very nice reply. I'm surprised you don't get kicked out of the

> house for having a radio on in the background all that time.
> Have a great day.
> Dick WB9PWQ Joliet, IL

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also play text file with common qso type words? numbers remember most qso,s are
rubber stamp rst name qth 73 try it 25wpm for words with farnsworth spacing at
12 wpm that way you will copy in ear 73

1949. RE: [pfr3_group] Koch Method

Yahoo group: pfr3_group
Date: 2011-01-22 23:52:03 UTC
From: Henry Schneider
Topic: 1939 Message: 1949

Nowadays, just taking notes like in a lecture class should do just fine. In the good old days when FCC exams required one minute of solid copy, I stayed away from methods that may jeopardize my ability to do that. Once I cleared the 20WPM test for the Extra license, I figured my testing days were over. So notes, abreviations, copying in my head etc took over.
By the time I took that 20wpm test the rules had changed and one minute solid copy was no longer required. I think someone had the foresight to realize most of us cannot write that fast.I was borderline and the fastest my pencil would work was about 21 or 22 wpm.
 Anything faster had to be headcopy. Until I got into Radioman A school with the US Navy.
 Then it was mill copy and I made it to 26 wpm before the school expired.
And it only took a few days to get accustomed to using a typewriter isntead of pencil.
Never took to trying to copy solid beyond that. Headcopy has prevailed.
But shame on me for not trying to go behound 30 wpm with good copy. Mostly I still copy letters instead of words. I think.   I am approaching 70 years old so i need to take on a mind exercise to keep it working.
Henry W5HNS

--- On Fri, 1/21/11, Dennis King <n6kd@...> wrote:

From: Dennis King <n6kd@...>
Subject: RE: [pfr3_group] Koch Method
To: pfr3_group@yahoogroups.com
Date: Friday, January 21, 2011, 6:01 PM

Try typing – you can typically type a lot faster than writing long hand.Contesters enter data in contest logging programs that way. From: pfr3_group@yahoogroups.com [mailto:pfr3_group@...m] On Behalf Of Richard Powers
Sent: Friday, January 21, 2011 12:56 PM
To: PF3 Group QRP
Subject: [pfr3_group] Koch Method   Gents;Well, since I will soon get my PFR-3 I figured I'd better get busy with the code.I started with the Koch Method default 25 wpm Char & Code speeds & immediately found that I couldn't write (print) that fast and have toned that down to 25 wpm Char Speed & 15 WPM Code Speed & I still can't write that fast. Now I don't think I should go any slower than that so I am wondering if I should go ahead & try to just copy in my head.(I initially learned up to 13 WPM back in the '70s but never used it.) Any other ideas out there in PFR-3 Land?Dick WB9PWQ

1950. learning morse

Yahoo group: pfr3_group
Date: 2011-01-22 23:59:47 UTC
From: SteveB
Topic: 1950 Message: 1950

you are welcome dick i think i posted this before on this or another forum sadly im a little deaf to many years in heavy engineering started learning cw about 5yrs ago and failed miserably until i found an article which explained my problem trying to count dots and dashes and losing place so on the writer an american cw enthueist said can you copy at 35wpm ? most people would say NO send cq at 12wpm then at 35wpm still copy instead of learning code in individual letters learn words longest in rubber stamp qso NAME or your qth which you send slowly so other station can write it down same thing with callsigns lay out a text file with cq qso name and so on repeated several times and playback at 30wpm and you will see what i mean any way good luck

1951. Re: [pfr3_group] Koch Method

Yahoo group: pfr3_group
Date: 2011-01-23 04:38:30 UTC
From: ckwishmeier@cs.com
Topic: 1939 Message: 1951

Dick,
I'm 62 and started CW at age 12. I contest with the PJ2T guys down in Curacao. I'm the slow guy. Many of that bunch are in the 40 to 50 category and I don't know how they do it! Like one of the other pfr3 guys when not at work I often have the radio on in the background and just copy conversations. Great practice.
Keith

-----Original Message-----
From: Richard Powers <powers_richard@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Jan 22, 2011 11:25 am
Subject: Re: [pfr3_group] Koch Method

Keith;
I should live so long as to have a code speed of 25 or 35 WPM!
HI.
Dick

From: "ckwishmeier@..." <ckwishmeier@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, January 21, 2011 7:11:09 PM
Subject: Re: [pfr3_group] Koch Method

Dick,

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Keith
WA9S

-----Original Message-----
From: Dennis King <n6kd@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Jan 21, 2011 7:04 pm
Subject: RE: [pfr3_group] Koch Method

Try typing – you can typically type a lot faster than writing long hand.
Contesters enter data in contest logging programs that way.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Richard Powers
Sent: Friday, January 21, 2011 12:56 PM
To: PF3 Group QRP
Subject: [pfr3_group] Koch Method

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Sent: Fri, Jan 21, 2011 7:04 pm
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Any other ideas out there in PFR-3 Land?

Dick WB9PWQ

&nbs p;

1952. RE: [pfr3_group] Koch Method

Yahoo group: pfr3_group
Date: 2011-01-23 14:22:48 UTC
From: John McMichael
Topic: 1939 Message: 1952

I copy reasonally good at 20 to 25 wpm. I'll listen in on a contest the last couple of hours to see what I can pick up. It always amazes me the ops sending unanswered CQs endlessly at 40-50 wpm. If they would occasionally cut their speed in half they would find more takers. I taught my 3 boys code by making simple words out of the simple characters, e, t, o, m, s, i, etc. and gradually introducing the more complicated letters. Being able to copy some words after only a few minutes makes it more fun for them and builds their confidence. After they can recognize the characters it becomes an issue of practicing every day for a half hour or so.......John, KO0D.

To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Sat, 22 Jan 2011 23:38:30 -0500
Subject: Re: [pfr3_group] Koch Method

Dick,
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Keith

-----Original Message-----
From: Richard Powers <powers_richard@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Jan 22, 2011 11:25 am
Subject: Re: [pfr3_group] Koch Method

Keith;
I should live so long as to have a code speed of 25 or 35 WPM!
HI.
Dick

From: "ckwishmeier@..." <ckwishmeier@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, January 21, 2011 7:11:09 PM
Subject: Re: [pfr3_group] Koch Method

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(I initially learned up to 13 WPM back in the '70s but never used it.)

Any other ideas out there in PFR-3 Land?

Dick WB9PWQ

&nbs p;

1953. Re: [pfr3_group] Koch Method

Yahoo group: pfr3_group
Date: 2011-01-23 14:34:08 UTC
From: ckwishmeier@cs.com
Topic: 1939 Message: 1953

Agreed on code speed while contesting. I have found that 28 wpm works best for me. In a 48 hour contest such as ARRL CW in Feb. I will rarely have to repeat the report or call more than 6 or so times. And those guys would probably have trouble copying at the old 13 wpm.

Keith WA9S

-----Original Message-----
From: John McMichael <jbmcmichael@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sun, Jan 23, 2011 9:22 am
Subject: RE: [pfr3_group] Koch Method

I copy reasonally good at 20 to 25 wpm. I'll listen in on a contest the last couple of hours to see what I can pick up. It always amazes me the ops sending unanswered CQs endlessly at 40-50 wpm. If they would occasionally cut their speed in half they would find more takers. I taught my 3 boys code by making simple words out of the simple characters, e, t, o, m, s, i, etc. and gradually introducing the more complicated letters. Being able to copy some words after only a few minutes makes it more fun for them and builds their confidence. After they can recognize the characters it becomes an issue of practicing every day for a half hour or so.......John, KO0D.

To: pfr3_group@yahoogroups.com
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Date: Sat, 22 Jan 2011 23:38:30 -0500
Subject: Re: [pfr3_group] Koch Method

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To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Jan 22, 2011 11:25 am
Subject: Re: [pfr3_group] Koch Method

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From: "ckwishmeier@..." <ckwishmeier@cs.com>
To: pfr3_group@yahoogroups.com
Sent: Fri, January 21, 2011 7:11:09 PM

Subject: Re: [pfr3_group] Koch Method

Dick,

My code speed is between 25 and 35 wpm, depending on what is being sent. For my contesting I type. For general rag chewing I just copy in my head and take occasional notes. I can't write or type very fast either.

Keith
WA9S

-----Original Message-----
From: Dennis King <n6kd@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Jan 21, 2011 7:04 pm
Subject: RE: [pfr3_group] Koch Method

Try typing – you can typically type a lot faster than writing long hand.
Contesters enter data in contest logging programs that way.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Richard Powers
Sent: Friday, January 21, 2011 12:56 PM
To: PF3 Group QRP
Subject: [pfr3_group] Koch Method

Gents;

Well, since I will soon get my PFR-3 I figured I'd better get busy with the code.

I started with the Koch Method default 25 wpm Char & Code speeds & immediately found that I couldn't write (print) that fast and have toned that down to 25 wpm Char Speed & 15 WPM Code Speed & I still can't write that fast.

Now I don't think I should go any slower than that so I am wondering if I should go ahead & try to just copy in my head.

(I initially learned up to 13 WPM back in the '70s but never used it.)

Any other ideas out there in PFR-3 Land?

Dick WB9PWQ

&nbs p;

1954. 1000 common words

Yahoo group: pfr3_group
Date: 2011-01-26 17:03:42 UTC
From: Richard Powers
Topic: 1954 Message: 1954

There is a text (Notepad) document out there called 1000 common words.txt or something very similar. My problem with it is I would like to have it in Random Order in stead of Alphabetical and I can't un-sort a Notepad file.

Anyone know how to Randomize this file?

Thanks,
Dick WB9PWQ

1955. Re: 1000 common words

Yahoo group: pfr3_group
Date: 2011-01-26 17:31:45 UTC
From: Jacques Matlet
Topic: 1954 Message: 1955

Hi Dick,

One possible solution is to use your txt file as entry to CWPlayer (from F6DQM). From there you can play, generate and record as you like.

Also the program "Just learn Morse Code " from LB3KB works great.

73 de Jake, ON4YZ

1956. Re: [pfr3_group] 1000 common words

Yahoo group: pfr3_group
Date: 2011-01-26 20:34:44 UTC
From: Steve
Topic: 1954 Message: 1956

Import the list into a column in Excel
Create a 2nd column adjacent to the words, fill each cell with a random number using "=rand()"
Sort both columns on the random number, which effectively randomizes the words.
Delete the random number column.
Save-As a text file to convert back to text

Just one idea...
73
Steve
aa8af

On 1/26/2011 12:03 PM, Richard Powers wrote:

There is a text (Notepad) document out there called 1000 common words.txt or something very similar. My problem with it is I would like to have it in Random Order in stead of Alphabetical and I can't un-sort a Notepad file.

Anyone know how to Randomize this file?

Thanks,
Dick WB9PWQ

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If you received this email in error, please notify the sender immediately and delete this email from your system. We do not guarantee that this email is free from viruses or any other defects although due care has been taken to minimize the risk.

1957. Re: 1000 common words

Yahoo group: pfr3_group
Date: 2011-01-26 20:50:37 UTC
From: Rick Stern
Topic: 1954 Message: 1957

Put it into a column in excel
In the next column use =RAND()
then sort on that column

You can then delete the second columb and get it back into text if you need

1958. Re: [pfr3_group] 1000 common words

Yahoo group: pfr3_group
Date: 2011-01-26 21:00:42 UTC
From: Carey Magee (K2RNY)
Topic: 1954 Message: 1958

All:

I was having the same issue Dick was having. Randomizing the words makes for much better practice. Steve's method works like a champ.. I kept sorting (3 times in a row) to get a better 'blend'. I saves the file as a MS-DOS text file and it works perfectly.

Thanks Steve. Very helpful.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

----- "Steve" <lawresh@...> wrote:

Import the list into a column in Excel
Create a 2nd column adjacent to the words, fill each cell with a random number using "=rand()"
Sort both columns on the random number, which effectively randomizes the words.
Delete the random number column.
Save-As a text file to convert back to text

Just one idea...
73
Steve
aa8af

On 1/26/2011 12:03 PM, Richard Powers wrote:

There is a text (Notepad) document out there called 1000 common words.txt or something very similar. My problem with it is I would like to have it in Random Order in stead of Alphabetical and I can't un-sort a Notepad file.

Anyone know how to Randomize this file?

Thanks,
Dick WB9PWQ

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If you received this email in error, please notify the sender immediately and delete this email from your system. We do not guarantee that this email is free from viruses or any other defects although due care has been taken to minimize the risk.

1959. Re: [pfr3_group] 1000 common words CODE PRACTICE

Yahoo group: pfr3_group
Date: 2011-01-26 21:33:26 UTC
From: lahagar1@aol.com
Topic: 1954 Message: 1959

If copying random words is too boring -- try CNN news bulletins in Morse code.

15/13/10/7 wpm code at:

http://cw.dimebank.com:8080/CNNslow.m3u

and

30/25/21 wpm code at:

http://cw.dimebank.com:8080/CNNfast.m3u

The bulletin today included news on the Moscow airport. Always "599" day-in and day-out. And, as an added bonus, you will get very good at punctuation marks!

72,
NG9D
LYNN

1960. RE: [pfr3_group] 1000 common words CODE PRACTICE

Yahoo group: pfr3_group
Date: 2011-01-26 21:44:41 UTC
From: John McMichael
Topic: 1954 Message: 1960

I learned/practice code using random letter/number groups which prepared me for the, then FCC administered, code test that required you to do perfect copy and they would throw in some intentional errors. That was then. If I was learning the code now I would use words, simulated QSOs, etc. That will teach you to copy in your head and then write down notes for comments and the logbook. In a QSO you don't need to write down "the name here is Joe". You need to copy it in your head and write down "Joe". My 2 cents. John, KO0D.

To: pfr3_group@yahoogroups.com
From: lahagar1@...
Date: Wed, 26 Jan 2011 16:33:26 -0500
Subject: Re: [pfr3_group] 1000 common words CODE PRACTICE

If copying random words is too boring -- try CNN news bulletins in Morse code.

15/13/10/7 wpm code at:

http://cw.dimebank.com:8080/CNNslow.m3u

and

30/25/21 wpm code at:

http://cw.dimebank.com:8080/CNNfast.m3u

The bulletin today included news on the Moscow airport. Always "599" day-in and day-out. And, as an added bonus, you will get very good at punctuation marks!

72,
NG9D
LYNN

1961. Re: [pfr3_group] MORE CODE PRACTICE

Yahoo group: pfr3_group
Date: 2011-01-27 13:15:59 UTC
From: lahagar1@aol.com
Topic: 1954 Message: 1961

Another superb source of code practice 13 to 40 wpm:

http://www.arrl.org/w1aw/morse.html

Apologies for the non-PFR-3 related email but this one is too good not to mention!

73 all - Lynn, NG9D . .

-----Original Message-----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Wed, Jan 26, 2011 3:33 pm
Subject: Re: [pfr3_group] 1000 common words CODE PRACTICE

If copying random words is too boring -- try CNN news bulletins in Morse code.

15/13/10/7 wpm code at:

http://cw.dimebank.com:8080/CNNslow.m3u

and

30/25/21 wpm code at:

http://cw.dimebank.com:8080/CNNfast.m3u

The bulletin today included news on the Moscow airport. Always "599" day-in and day-out.
And, as an added bonus, you will get very good at punctuation marks!

72,
NG9D
LYNN

1962. PFR3 paddle

Yahoo group: pfr3_group
Date: 2011-01-27 20:44:22 UTC
From: ec1cw
Topic: 1962 Message: 1962

Hi,

Does the paddle come with the PFR3 kit that sells at 240USD?

73 de Diego EC1CW

1963. re: [pfr3_group] PFR3 paddle

Yahoo group: pfr3_group
Date: 2011-01-27 21:05:59 UTC
From: Dean Davis
Topic: 1962 Message: 1963

The paddles that were offered by Hendricks QRP kits were a limited run deal. When they sold out a while back there were retired.

Normal
0

false
false
false

MicrosoftInternetExplorer4

Normal
0

false
false
false

MicrosoftInternetExplorer4

D2
Dean Davis (N7XG)
Alpine Software
www.alpinesoft.com

From: "ec1cw" <dvp1975@...>
Sent: Thursday, January 27, 2011 12:50 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3 paddle

Hi,

Does the paddle come with the PFR3 kit that sells at 240USD?

73 de Diego EC1CW

Yahoo! Groups Links

1964. Re: [pfr3_group] PFR3 paddle

Yahoo group: pfr3_group
Date: 2011-01-27 21:17:02 UTC
From: Bill VanKirk
Topic: 1962 Message: 1964

Diego,
Here is another option for you to use with the PFR-3. I have one and love
it!

http://www.w5jh.net/BBW_PFR3.htm

73,

On Thu, Jan 27, 2011 at 3:05 PM, Dean Davis <dean@...> wrote:

>
>
> The paddles that were offered by Hendricks QRP kits were a limited run
> deal. When they sold out a while back there were retired.
>
> _____
>
> D2
> Dean Davis (N7XG)
> Alpine Software
> www.alpinesoft.com
>
>
> ---
> *From*: "ec1cw" <dvp1975@...>
> *Sent*: Thursday, January 27, 2011 12:50 PM
> *To*: pfr3_group@...m
> *Subject*: [pfr3_group] PFR3 paddle
>
> Hi,
>
> Does the paddle come with the PFR3 kit that sells at 240USD?
>
> 73 de Diego EC1CW
>
>
>
> ---
>
> Yahoo! Groups Links
>
>
>
>
>

1965. Re: [pfr3_group] PFR3 paddle

Yahoo group: pfr3_group
Date: 2011-01-27 21:51:44 UTC
From: ckwishmeier@cs.com
Topic: 1962 Message: 1965

Diego,

I have the pfr3 paddle and really like it. It weighs almost nothing. It was an extra cost item. I imagine that if Hendricks gets enough requests he will start offering them again.

Keith
WA9S

-----Original Message-----
From: ec1cw <dvp1975@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Jan 27, 2011 3:44 pm
Subject: [pfr3_group] PFR3 paddle

Hi,

Does the paddle come with the PFR3 kit that sells at 240USD?

73 de Diego EC1CW

1966. RE: [pfr3_group] PFR3 paddle

Yahoo group: pfr3_group
Date: 2011-01-27 21:49:12 UTC
From: Doug Hendricks
Topic: 1962 Message: 1966
Attachments: 2 described; binary payloads are missing from this source WARC

And I heartedly recommend it. Doug

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Bill VanKirk
Sent: Thursday, January 27, 2011 1:17 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3 paddle

Diego,
Here is another option for you to use with the PFR-3. I have one and love it!

http://www.w5jh.net/BBW_PFR3.htm

73,

On Thu, Jan 27, 2011 at 3:05 PM, Dean Davis <dean@...> wrote:

The paddles that were offered by Hendricks QRP kits were a limited run deal. When they sold out a while back there were retired.

D2

Dean Davis (N7XG)
Alpine Software
www.alpinesoft.com

From: "ec1cw" <dvp1975@hotmail.com>
Sent: Thursday, January 27, 2011 12:50 PM
To: pfr3_group@...m
Subject: [pfr3_group] PFR3 paddle

Hi,

Does the paddle come with the PFR3 kit that sells at 240USD?

73 de Diego EC1CW

Yahoo! Groups Links

1967. pfr3a up and running

Yahoo group: pfr3_group
Date: 2011-01-29 00:10:22 UTC
From: arthur
Topic: 1967 Message: 1967

this is k9dta
my unit is up and running and i made a contact this afternoon between me and michigan on 40m
who wants to try a qso with me on 40 or 20m
my antenna is a mosley multi band verticle about
30 ft up on my roof peak.
i can load up on 30 but i dont know how efficient the antenna is on 30m
"i will have to check it using my antenna noise bridge"
it does tume up fairly well using a tuner on 17m
my radials are optimized for 40 and 20 m
it has a 80m kit but isnt very efficient.
if the band is poor i can always switch over to my kenwood and run 50- 400 watts

1968. Calibrating the pfr3

Yahoo group: pfr3_group
Date: 2011-01-31 20:44:33 UTC
From: Ren
Topic: 1968 Message: 1968

Hello,guys,
I'm looking into making the purchase of a PFR3.
I saw a video of it on youtube, I downloaded the manual and my only concern is the callibration of the radio. What will I need in order to callibrate the radio as I go along with the build? At present I do not own a scope or frequency counter or anything like that. Any advice is welcomed.
thank you,
Ren
KG4BAS

1969. Re: [pfr3_group] Calibrating the pfr3

Yahoo group: pfr3_group
Date: 2011-01-31 21:24:32 UTC
From: Steve Smith
Topic: 1968 Message: 1969

Hi Ren,

Contrary to what is stated in the manual, if you own a receiver with an S-meter that will receive WWV on 10 MHz you can get the reference oscillator very close (within cycles). Skip the I.F. offset adjustment. Do the BFO adjustment as stated.

Best of luck with your kit.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Ren" <nmonllor@tampabay.rr.com>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Calibrating the pfr3
Date: Mon, 31 Jan 2011 20:44:33 -0000

Hello,guys,
I'm looking into making the purchase of a PFR3.
I saw a video of it on youtube, I downloaded the manual and my only concern is the callibration of the radio. What will I need in order to callibrate the radio as I go along with the build? At present I do not own a scope or frequency counter or anything like that.
Any advice is welcomed.
thank you,
Ren
KG4BAS

1970. RE: [pfr3_group] Calibrating the pfr3

Yahoo group: pfr3_group
Date: 2011-01-31 21:36:52 UTC
From: Dale Putnam
Topic: 1968 Message: 1970

Hi Ren,
If you want to, when you get ready for the calibration, I'll call you to talk you through it... or.. if you want ship it to me, I'll calibrate it, all that would cost would be the shipping, and the PFR3 ships via USPS for near $5 one way.
Calibration is a snap tho, like Steve said, if you have access to a rx that can hear WWV on 10 mhz.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Mon, 31 Jan 2011 21:24:32 +0000
Subject: Re: [pfr3_group] Calibrating the pfr3

Hi Ren,

Contrary to what is stated in the manual, if you own a receiver with an S-meter that will receive WWV on 10 MHz you can get the reference oscillator very close (within cycles). Skip the I.F. offset adjustment. Do the BFO adjustment as stated.

Best of luck with your kit.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Ren" <nmonllor@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Calibrating the pfr3
Date: Mon, 31 Jan 2011 20:44:33 -0000

Hello,guys,
I'm looking into making the purchase of a PFR3.
I saw a video of it on youtube, I downloaded the manual and my only concern is the callibration of the radio. What will I need in order to callibrate the radio as I go along with the build? At present I do not own a scope or frequency counter or anything like that. Any advice is welcomed.
thank you,
Ren
KG4BAS

1971. Re: Calibrating the pfr3

Yahoo group: pfr3_group
Date: 2011-02-01 00:03:03 UTC
From: James
Topic: 1968 Message: 1971

I basically used the procedure described on this webpage. It takes a second radio that can receive WWV 0n 10 mHz that is connected up to a PC with Digipan or other digi software. Hook up the short wire as described in the PFR-3 instructions. Use ssb or cw mode and center wwv carrier on the waterfall. When you power up the PFR-3 another strong carrier will appear on the display. Zero-beat the two as described in the PFR-3 inst. and store. You will also need a cable with male plugs on both ends to hook the PFR-3 up to the soundcard of the computer. Then the waterfall display is used to set the BFO trimmer.

I "worked myself" using the PFR-3 into a dummyload and my big rig turned down to minimum power. The freq. was right on, within 0.1kHz.

....or get Dale to do it; he has much knowledge on this rig and has given me good advice.

http://w1mt.qrpradio.com/ats3calibration.html

K5ACO

1972. Green film capacitors

Yahoo group: pfr3_group
Date: 2011-02-01 00:19:09 UTC
From: jonathan.thomson62
Topic: 1972 Message: 1972

I am currently making progress on the group 2 assembly. In the instructions it calls for .01 mfd capacitors (103 green film) for capacitors c22 and c23. C54 in group 3 is also listed as a green film .01 mfd. In my package are three green film capacitors but they are .022 mfd (223). Should I use these caps rather than the .01 mfd listed? Does it matter in these applications?

Thank you,
Jonathan
WA2BJE

1973. Oh yeah!!!

Yahoo group: pfr3_group
Date: 2011-02-01 00:24:15 UTC
From: N. A. Monllor
Topic: 1968 Message: 1973

Well, I took the plunge and just ordered the kit.

Everything I've read about the radio is positive and I'd hate to sit on my hands and then it no longer be available (I'm known for stuff like that).

Well guys, I guess I won't be a lurker on this list anymore!!!

Thank you all,

Ren

KG4BAS

1974. Re: [pfr3_group] Calibrating the pfr3

Yahoo group: pfr3_group
Date: 2011-02-01 00:31:08 UTC
From: ckwishmeier@cs.com
Topic: 1968 Message: 1974

Ren,

The only calibration I did was to get the radio on frequency. I borrowed a frequency counter from Notre Dame to do that. However, it was so close originally that it was probably a waste of my time. If you want to try it with the frequency counter it is very easy. I gosh darn guarantee you will love this radio.

Keith
WA9S

-----Original Message-----
From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Jan 31, 2011 3:44 pm
Subject: [pfr3_group] Calibrating the pfr3

Hello,guys,
I'm looking into making the purchase of a PFR3.
I saw a video of it on youtube, I downloaded the manual and my only concern is the callibration of the radio. What will I need in order to callibrate the radio as I go along with the build? At present I do not own a scope or frequency counter or anything like that. Any advice is welcomed.
thank you,
Ren
KG4BAS

1975. Re: Green film capacitors

Yahoo group: pfr3_group
Date: 2011-02-01 00:31:51 UTC
From: James
Topic: 1972 Message: 1975

--- In pfr3_group@yahoogroups.com, "jonathan.thomson62" <jongracelisa@...> wrote:
>
> I am currently making progress on the group 2 assembly. In the instructions it calls for .01 mfd capacitors (103 green film) for capacitors c22 and c23. C54 in group 3 is also listed as a green film .01 mfd. In my package are three green film capacitors but they are .022 mfd (223). Should I use these caps rather than the .01 mfd listed? Does it matter in these applications?
>
> Thank you,
> Jonathan
> WA2BJE
>
I had the same problem with mine.
Mr Hendricks sent me some 0.01's. Or if you are in a hurry, Radio Shack has them.
(Sorry, I can't answer your question, only offer a workaround)

K5ACO

1976. RE: [pfr3_group] Re: Green film capacitors

Yahoo group: pfr3_group
Date: 2011-02-01 00:50:40 UTC
From: Dale Putnam
Topic: 1972 Message: 1976

Hi Jonathan,
I don't remember any changes for those three caps being called for. I'd want to keep in order with the schematic, and parts list. The value is pretty much a done deal. If you don't have any "extra" different caps, then I would follow James suggestions, either check with Doug Hendricks, or a local supplier (Radio Shack) or some such, thinking that it would be quicker. However, if you want to wait, you could leave those out, and progress with the rest of the assembly, while the caps arrive. I've looked, and don't have any in stock. yet.
Good luck,
and James, thank you for the compliment, you're a gentleman and a scholar, sir.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jecford@...t
Date: Tue, 1 Feb 2011 00:31:51 +0000
Subject: [pfr3_group] Re: Green film capacitors

--- In pfr3_group@yahoogroups.com, "jonathan.thomson62" <jongracelisa@...> wrote:
>
> I am currently making progress on the group 2 assembly. In the instructions it calls for .01 mfd capacitors (103 green film) for capacitors c22 and c23. C54 in group 3 is also listed as a green film .01 mfd. In my package are three green film capacitors but they are .022 mfd (223). Should I use these caps rather than the .01 mfd listed? Does it matter in these applications?
>
> Thank you,
> Jonathan
> WA2BJE
>
I had the same problem with mine.
Mr Hendricks sent me some 0.01's. Or if you are in a hurry, Radio Shack has them.
(Sorry, I can't answer your question, only offer a workaround)

K5ACO

1977. Re: [pfr3_group] Green film capacitors

Yahoo group: pfr3_group
Date: 2011-02-01 03:34:03 UTC
From: Steve Smith
Topic: 1972 Message: 1977

I concur with the others; get the correct cap's..

If they were simple power line bypasses it would hardly make any difference but in this case C54 will affect the PA on/off timing (keying) and the other two are in the feedback loop of the 2nd audio stage. A change there to .022 might make things sound 'funny'.

Have fun building your kit.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "jonathan.thomson62" <jongracelisa@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Green film capacitors
Date: Tue, 01 Feb 2011 00:19:09 -0000

I am currently making progress on the group 2 assembly. In the instructions it calls for .01 mfd capacitors (103 green film) for capacitors c22 and c23. C54 in group 3 is also listed as a green film .01 mfd. In my package are three green film capacitors but they are .022 mfd (223). Should I use these caps rather than the .01 mfd listed? Does it matter in these applications?

Thank you,
Jonathan
WA2BJE

Yahoo! Groups Links

1978. Re: [pfr3_group] Re: Calibrating the pfr3

Yahoo group: pfr3_group
Date: 2011-02-01 09:14:10 UTC
From: arthurok
Topic: 1968 Message: 1978

the 2 tones beating against one another can be easily done by "ear"
when you get close wa wa wa then adjust for minimum beat frequency i was able to get down to about a a 1 hz error between the tones.
beating the 10 mhz test poing signal against wwv at 10 mhz should work well
dont use any wwv except 10 mhz so you will have to pick a time and day when wwv is strong and clear on 10 mhz.
"depends on path length to colorado"
he sent me the wrong value caps too fortunately i had some new .01 film caps in my collection of parts. i accertained to that changing the parts value to .022 might cause problems.
i think the rig would work with the wrong value caps but it would knock the audio filtering way off
and as he said slow down the qsk switching. "the rig has very good qsk operation"

----- Original Message -----
From: James
To: pfr3_group@yahoogroups.com
Sent: Monday, January 31, 2011 6:03 PM
Subject: [pfr3_group] Re: Calibrating the pfr3

I basically used the procedure described on this webpage. It takes a second radio that can receive WWV 0n 10 mHz that is connected up to a PC with Digipan or other digi software. Hook up the short wire as described in the PFR-3 instructions. Use ssb or cw mode and center wwv carrier on the waterfall. When you power up the PFR-3 another strong carrier will appear on the display. Zero-beat the two as described in the PFR-3 inst. and store. You will also need a cable with male plugs on both ends to hook the PFR-3 up to the soundcard of the computer. Then the waterfall display is used to set the BFO trimmer.

I "worked myself" using the PFR-3 into a dummyload and my big rig turned down to minimum power. The freq. was right on, within 0.1kHz.

....or get Dale to do it; he has much knowledge on this rig and has given me good advice.

http://w1mt.qrpradio.com/ats3calibration.html

K5ACO

1979. Re: [pfr3_group] Oh yeah!!!

Yahoo group: pfr3_group
Date: 2011-02-01 16:42:55 UTC
From: Lee
Topic: 1968 Message: 1979

On Mon, Jan 31, 2011 at 4:24 PM, N. A. Monllor <nmonllor@...>wrote:

>
>
> Well, I took the plunge and just ordered the kit.
>
> Everything I've read about the radio is positive and I'd hate to sit on my
> hands and then it no longer be available (I'm known for stuff like that).
>
> Well guys, I guess I won't be a lurker on this list anymore!!!
>
> Thank you all,
>
> Ren
>
> KG4BAS
>
>
>
> Let the list know how the assembly goes. There are many like myself who are
> interested in all the gory details
>

Lee

1980. Re: [pfr3_group] Green film capacitors

Yahoo group: pfr3_group
Date: 2011-02-01 16:44:49 UTC
From: arthurok
Topic: 1972 Message: 1980

from looking at its manual the pfr3a has allot more parts in it then the kx1
i find that the receiver in the pfr3a has very sharp selectivity.
and its audio agc does work checking it with 10 db steps using my 8640b signal generator.
the variable bandwidth filter in the kx1"elecraft isnt as great as they make it seemm to be.
thats why its only a 3 crystal filter and why they have no audio filter.
the direct freq input works well and tuning is easy but when using the slewing scan
a weak station could easily be missed.
when im slewing i can hear a blip when i scan over a station atleast it dosent have muting that the cheap synthesized consumer stuff.has
the dds chip costs $21 from digikey its the key to its design
kx1 uses the same k1 is all analog.
i should design a digital class e linear for the pfr3a something qsk that dosent require an external keying line.
you know the kx1 only produces 1.5 watts on internal 9 vlt power
my pfr barely produces 5 watts on 40 meters and i measured the power using
a 100 mhz scope and good dummy load
its only drawing about 600 miilamps on a 12 vlt power supply.
the coils are properly wound too.
actually i like the lower current draw because im planning to run it mostly on alkaline batteries when in the field and a fused at 1 amp 11.45 vdc older motorola cell phone power supply
looks like its about 20 yrs old rated at 2.5 amps switching supply brick.
some guy was selling them to run cb sets.
detuning the receiver preselector control reduces blasting on very stron signals
im using a verticle whose tip is probably almost 60 ft up from street level
the receiver is fairly quiet because of its 4 pole xtal filter and active audio filter.
"anyone ever compare this to a kx1 or k1?"
----- Original Message -----
From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Monday, January 31, 2011 9:34 PM
Subject: Re: [pfr3_group] Green film capacitors

I concur with the others; get the correct cap's..

If they were simple power line bypasses it would hardly make any difference but in this case C54 will affect the PA on/off timing (keying) and the other two are in the feedback loop of the 2nd audio stage. A change there to .022 might make things sound 'funny'.

Have fun building your kit.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "jonathan.thomson62" <jongracelisa@...>

To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Green film capacitors
Date: Tue, 01 Feb 2011 00:19:09 -0000

I am currently making progress on the group 2 assembly. In the instructions it calls for .01 mfd capacitors (103 green film) for capacitors c22 and c23. C54 in group 3 is also listed as a green film .01 mfd. In my package are three green film capacitors but they are .022 mfd (223). Should I use these caps rather than the .01 mfd listed? Does it matter in these applications?

Thank you,
Jonathan
WA2BJE

Yahoo! Groups Links

1981. Green film Caps

Yahoo group: pfr3_group
Date: 2011-02-02 00:12:18 UTC
From: jonathan.thomson62
Topic: 1981 Message: 1981

Thanks to all who replied. I picked up the .01 film caps at Radio Shack on the way home from work.

Jonathan
WA2BJE

1982. Group 2 smoke test

Yahoo group: pfr3_group
Date: 2011-02-04 01:47:55 UTC
From: jonathan.thomson62
Topic: 1982 Message: 1982

I am nearing the completion of group 2. To enter the calibration mode the directions reference holding the dot padddle. I only have a straight key. Is holding the dot paddle equivalent to holding the straight key down?

Thanks,

Jonathan

1983. Re: [pfr3_group] Group 2 smoke test

Yahoo group: pfr3_group
Date: 2011-02-04 03:27:18 UTC
From: Steve Smith
Topic: 1982 Message: 1983

Yes, if your key is connected to a 'stereo' plug across the tip and sleeve and leaving the ring not connected.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "jonathan.thomson62" <jongracelisa@aol.com>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Group 2 smoke test
Date: Fri, 04 Feb 2011 01:47:55 -0000

I am nearing the completion of group 2. To enter the calibration mode the directions reference holding the dot padddle. I only have a straight key. Is holding the dot paddle equivalent to holding the straight key down?

Thanks,

Jonathan

Yahoo! Groups Links

1984. A little more power

Yahoo group: pfr3_group
Date: 2011-02-05 13:44:12 UTC
From: Andrew Cowan
Topic: 1984 Message: 1984

Hello all,

My main use of the PFR is SOTA http://www.sotawatch.org/

Which is great fun a good use of a light radio and 3 bands, part of the equipment I carry is a 5000ma lipo battery.
So I have ample power to supply the radio so I am looking for a way to increase the power to possible 25watts, with on board mod which I doubt or external small amp.
Anybody with ideas to boost the PFR and be able to use it for 2 hours with 5000ma battery.

Hope I am not upsetting the qrp guys? just want to maximise qso's while up the hills

Thanks

Andrew GM0UDL

1985. Re: [pfr3_group] A little more power

Yahoo group: pfr3_group
Date: 2011-02-05 14:49:46 UTC
From: arthurok
Topic: 1984 Message: 1985

ive been thinking about the same maybe i could come up with a simple qsk amplifier
that would work with our units because its cw only maybe it could be class e just like the
transmitter on the pfr3 qsk with no keying line would be nice so that a keying line dosent
have to be brought out from yhe pfr3
cw has a low duty cycle so that the average power draw will be fairly low.
the rig "hears well" but as you know the lower bands are noisy and the more power the
better
25 watts or so is probably a good number even 50 on cw is doable
the elecraft kx1 is only rated a 1.5 watts on internal batteries.

----- Original Message -----
From: Andrew Cowan
To: pfr3_group@yahoogroups.com
Sent: Saturday, February 05, 2011 7:44 AM
Subject: [pfr3_group] A little more power

Hello all,

My main use of the PFR is SOTA http://www.sotawatch.org/

Which is great fun a good use of a light radio and 3 bands, part of the
equipment I carry is a 5000ma lipo battery.
So I have ample power to supply the radio so I am looking for a way to
increase the power to possible 25watts, with on board mod which I doubt
or external small amp.
Anybody with ideas to boost the PFR and be able to use it for 2 hours
with 5000ma battery.

Hope I am not upsetting the qrp guys? just want to maximise qso's while
up the hills

Thanks

Andrew GM0UDL

1986. Re: [pfr3_group] A little more power

Yahoo group: pfr3_group
Date: 2011-02-05 15:12:00 UTC
From: Andrew Cowan
Topic: 1984 Message: 1986

Sounds very muck like what is needed, I am not the only person that is
interested in upping the power for the hills..
Thanks for the reply
Andrew
On 05/02/2011 14:49, arthurok wrote:
>
> ive been thinking about the same maybe i could come up with
> a simple qsk amplifier
> that would work with our units because its cw only maybe it
> could be class e just like the transmitter on the pfr3 qsk
> with no keying line would be nice so that a keying line dosent
> have to be brought out from yhe pfr3
> cw has a low duty cycle so that the average power draw will
> be fairly low.
> the rig "hears well" but as you know the lower bands are noisy
> and the more power the better
> 25 watts or so is probably a good number even 50 on cw is doable
> the elecraft kx1 is only rated a 1.5 watts on internal batteries.
>
> ----- Original Message -----
> *From:* Andrew Cowan <mailto:gm0udlandrew@...>
> *To:* pfr3_group@yahoogroups.com <mailto:pfr3_group@yahoogroups.com>
> *Sent:* Saturday, February 05, 2011 7:44 AM
> *Subject:* [pfr3_group] A little more power
>
> Hello all,
>
> My main use of the PFR is SOTA http://www.sotawatch.org/
>
> Which is great fun a good use of a light radio and 3 bands, part
> of the
> equipment I carry is a 5000ma lipo battery.
> So I have ample power to supply the radio so I am looking for a
> way to
> increase the power to possible 25watts, with on board mod which I
> doubt
> or external small amp.
> Anybody with ideas to boost the PFR and be able to use it for 2 hours
> with 5000ma battery.
>
> Hope I am not upsetting the qrp guys? just want to maximise qso's
> while
> up the hills
>
> Thanks

>
> Andrew GM0UDL
>
>

1987. Smoke test 2

Yahoo group: pfr3_group
Date: 2011-02-05 23:30:54 UTC
From: jonathan.thomson62
Topic: 1987 Message: 1987

I just completed group 2 and marveled at the reception on 40 meters in the middle of the day. In the past, whenever I used torroids they were situated flat on the board rather than upright as is the case with T1 and L1. Even with the leads tight the 30 gauge wire does not instill confidence with respect to physical stability. I have heard others mention the use of hot melt glue. Is there any problem with carefully using some hot melt glue around the bases to stabilize T1 and L1.

Thanks,

Jonathan
WA2BJE

1988. Re: [pfr3_group] Smoke test 2

Yahoo group: pfr3_group
Date: 2011-02-06 00:36:27 UTC
From: Michael Blake
Topic: 1987 Message: 1988

Jonathan, I used hot glue on mine with no problems. I built several other QRP kits this year and used hot glue on all of the torrids with no ill effects. I even glued the horizontally mounted VFO coil in the BitX20A and it actually increased the VFO's stability.
Michael Blake

From: jonathan.thomson62 <jongracelisa@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, February 5, 2011 6:30:54 PM
Subject: [pfr3_group] Smoke test 2

I just completed group 2 and marveled at the reception on 40 meters in the middle of the day. In the past, whenever I used torroids they were situated flat on the board rather than upright as is the case with T1 and L1. Even with the leads tight the 30 gauge wire does not instill confidence with respect to physical stability. I have heard others mention the use of hot melt glue. Is there any problem with carefully using some hot melt glue around the bases to stabilize T1 and L1.

Thanks,

Jonathan
WA2BJE

1989. Re: [pfr3_group] Smoke test 2

Yahoo group: pfr3_group
Date: 2011-02-06 00:43:16 UTC
From: Larry Makoski
Topic: 1987 Message: 1989

On 2/5/2011 6:30 PM, jonathan.thomson62 wrote:
>
> I just completed group 2 and marveled at the reception on 40 meters in
> the middle of the day. In the past, whenever I used torroids they were
> situated flat on the board rather than upright as is the case with T1
> and L1. Even with the leads tight the 30 gauge wire does not instill
> confidence with respect to physical stability. I have heard others
> mention the use of hot melt glue. Is there any problem with carefully
> using some hot melt glue around the bases to stabilize T1 and L1.
>
> Thanks,
>
> Jonathan
> WA2BJE
>
>
>

Jonathan,

I also used hot glue with no problems. Whipped out the PFR-3A for FYBO
today and it's still performing like a champ!

73 de Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

1990. Re: [pfr3_group] Smoke test 2

Yahoo group: pfr3_group
Date: 2011-02-06 01:35:29 UTC
From: MAXXOUT2@AOL.COM
Topic: 1987 Message: 1990

I read a lot about this hot glue topic so I wound a core to give me 3.0 uh.
I then coated the core with hot glue and the next morning it was still
reading 3.0 on my meter.
I have seen hot glue sticks that look almost white.
I never used them but the ones I use look like a foggy light color and
almost like neutral silicon rubber

In a message dated 2/5/2011 4:36:37 P.M. Pacific Standard Time,
k9jri@... writes:

Jonathan, I used hot glue on mine with no problems. I built several
other QRP kits this year and used hot glue on all of the torrids with no ill
effects. I even glued the horizontally mounted VFO coil in the BitX20A and
it actually increased the VFO's stability.

Michael Blake

1991. Re: [pfr3_group] Smoke test 2

Yahoo group: pfr3_group
Date: 2011-02-06 02:08:38 UTC
From: Michael Blake
Topic: 1987 Message: 1991

I use sticks that are about 1/4" in diameter and are perfectly clear. It looks quite nice after it hardens. I get them at our local big box hardware store.

73 - Mike - K9JRI

From: "MAXXOUT2@..." <MAXXOUT2@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, February 5, 2011 8:35:29 PM
Subject: Re: [pfr3_group] Smoke test 2

I read a lot about this hot glue topic so I wound a core to give me 3.0 uh.
I then coated the core with hot glue and the next morning it was still reading 3.0 on my meter.
I have seen hot glue sticks that look almost white.
I never used them but the ones I use look like a foggy light color and almost like neutral silicon rubber

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> Michael Blake

1992. Re: [pfr3_group] Smoke test 2

Yahoo group: pfr3_group
Date: 2011-02-06 03:02:20 UTC
From: ckwishmeier@cs.com
Topic: 1987 Message: 1992

Jonathon,

I'm a believer in just following the instructions as written. I just pulled the wires tight. I have been using my PFR-3A for over 6 months both in the shack and out in the field and have no stability problems. I think you would have to beat the radio around severely to cause any problems.

Keith
WA9S

-----Original Message-----
From: jonathan.thomson62 <jongracelisa@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Feb 5, 2011 6:31 pm
Subject: [pfr3_group] Smoke test 2

I just completed group 2 and marveled at the reception on 40 meters in the middle of the day. In the past, whenever I used torroids they were situated flat on the board rather than upright as is the case with T1 and L1. Even with the leads tight the 30 gauge wire does not instill confidence with respect to physical stability. I have heard others mention the use of hot melt glue. Is there any problem with carefully using some hot melt glue around the bases to stabilize T1 and L1.

Thanks,

Jonathan
WA2BJE

1993. RE: [pfr3_group] Smoke test 2

Yahoo group: pfr3_group
Date: 2011-02-06 04:42:08 UTC
From: Dale Putnam
Topic: 1987 Message: 1993

The physical strength of the wire will support the core without any issues. However, the stripping of the wire preperatory to tinning and ultimately soldering the coil into place is of the utmost importance. This is exactly where/how the wire is destined for failure or excellance. ANY tool used for scraping the enamel off, has the ability to nick the wire, a surface nick will be the point of failure, even when tinned over and soldered into the hole. This has be repeatedly tested so many times with the same result, it is an old saw now. So, use a hot iron to burn off the enamel, and pretin the wire at the same time. After installing well over 500 toroids in the AT3, 3b, and 4 filters and boards, the failure rate for toroids falling off the boards with the wire snug for support, without nicks, is a possible one. The downside of putting a dab of glue on each of the coils, is that they cannot be optimized when needed, easily. There is also a discussion that has occurred concerning the degradation of the tuning of the coils by the glue. I haven't taken the time to test for this, either long or short term.
I don't recommend the use of any glue on the coils, the return on investment is pretty slim vs the risks.
Good Luck Johnathan, maybe we can do a Yellow Box to Yellow Box Q one day,
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Sat, 5 Feb 2011 22:02:20 -0500
Subject: Re: [pfr3_group] Smoke test 2

Jonathon,

I'm a believer in just following the instructions as written. I just pulled the wires tight. I have been using my PFR-3A for over 6 months both in the shack and out in the field and have no stability problems. I think you would have to beat the radio around severely to cause any problems.

Keith
WA9S

-----Original Message-----
From: jonathan.thomson62 <jongracelisa@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Feb 5, 2011 6:31 pm
Subject: [pfr3_group] Smoke test 2

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Thanks,

Jonathan
WA2BJE

1994. Re: [pfr3_group] Smoke test 2

Yahoo group: pfr3_group
Date: 2011-02-06 09:29:55 UTC
From: arthurok
Topic: 1987 Message: 1994

----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Saturday, February 05, 2011 10:42 PM
Subject: RE: [pfr3_group] Smoke test 2

The physical strength of the wire will support the core without any issues. However, the stripping of the wire preperatory to tinning and ultimately soldering the coil into place is of the utmost importance. This is exactly where/how the wire is destined for failure or excellance. ANY tool used for scraping the enamel off, has the ability to nick the wire, a surface nick will be the point of failure, even when tinned over and soldered into the hole. This has be repeatedly tested so many times with the same result, it is an old saw now. So, use a hot iron to burn off the enamel, and pretin the wire at the same time. After installing well over 500 toroids in the AT3, 3b, and 4 filters and boards, the failure rate for toroids falling off the boards with the wire snug for support, without nicks, is a possible one. The downside of putting a dab of glue on each of the coils, is that they cannot be optimized when needed, easily. There is also a discussion that has occurred concerning the degradation of the tuning of the coils by the glue. I haven't taken the time to test for this, either long or short term.
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To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Sat, 5 Feb 2011 22:02:20 -0500
Subject: Re: [pfr3_group] Smoke test 2

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To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Feb 5, 2011 6:31 pm
Subject: [pfr3_group] Smoke test 2

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Thanks,

Jonathan
WA2BJE

1995. voltage at L7

Yahoo group: pfr3_group
Date: 2011-02-06 23:49:02 UTC
From: Tom Baldrey
Topic: 1995 Message: 1995

I am doing the pre tests before assembling the transmitter section. At pin1 and pin13 of U8 I get -.6Volts key up and +2.4volts key down.
I get no voltage reading key down at L7.
I have checked the values of R34-35 both are of proper value and test ok. I've resoldered R34-35 and Q5.
Any suggestions as to what to do next?

73 VA6WP Tom

1996. Re: [pfr3_group] voltage at L7

Yahoo group: pfr3_group
Date: 2011-02-07 00:59:49 UTC
From: Steve Smith
Topic: 1995 Message: 1996

Hi Tom,

Sounds as though the synthesizer is working OK (U8 pins 1 & 13 are nominal).

Make certain you're checking the correct pad of the uninstalled L7. If you are correct then, using the voltage chart, check for proper voltages at Q5 and Q6, key up and key down.

73.......Steve Smith WB6TNL
Date: Sun, 6 Feb 2011 15:49:02 -0800 (PST)

1997. Re: [pfr3_group] voltage at L7

Yahoo group: pfr3_group
Date: 2011-02-07 01:27:27 UTC
From: arthurok
Topic: 1995 Message: 1997

make sure that you soldered in a 2n7000 not something else in a to92 package
except for their respective part numbers all the small transistors look the same
you might have a bent pin on the miroprocessor chip too so it isnt making contact in the socket.
----- Original Message -----
From: Steve Smith
To: pfr3_group@yahoogroups.com
Cc: baldreyt@...
Sent: Sunday, February 06, 2011 6:59 PM
Subject: Re: [pfr3_group] voltage at L7

Hi Tom,

Sounds as though the synthesizer is working OK (U8 pins 1 & 13 are nominal).

Make certain you're checking the correct pad of the uninstalled L7. If you are correct then, using the voltage chart, check for proper voltages at Q5 and Q6, key up and key down.

73.......Steve Smith WB6TNL
Date: Sun, 6 Feb 2011 15:49:02 -0800 (PST)

1998. Hot melt glue and torroids

Yahoo group: pfr3_group
Date: 2011-02-08 03:20:34 UTC
From: jonathan.thomson62
Topic: 1998 Message: 1998

Thank you for all who advised on hot melt glue and torroids. I glued the base of L1 and T1 with no impact on performance and a substantial improvement in stability over the tension of the 30 gauge wire alone.

Jonathan

WA2BJE

1999. Rotary encoder kits - last few pcs available

Yahoo group: pfr3_group
Date: 2011-02-10 00:00:42 UTC
From: Petr
Topic: 1999 Message: 1999

Hi all,

just FYI that last of few kits of the rotary encoders are available. There is no plan to make another batch of kits as there are not so mni requests coming to Miroslav. So if You want to grab one of them then do not wait and send him an email with order to diy4fun@...

More information are available here
http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html

The rotary encoder is usable with PFR-3 as reported on this group already so do not hesitate to contact Miroslav in that case.

Good luck,
73 - Petr, OK1RP

2000. antenna recomendations for portable use

Yahoo group: pfr3_group
Date: 2011-02-11 00:56:38 UTC
From: Ren
Topic: 2000 Message: 2000

Hello everyone,

I odered my radio about a week and a half ago and am looking forward to receiving it soon. In the meantime though I've been searching online for ideas on antennas for portable use. There's only about 55,0000 pages on the subject and my brain feels like oatmeal (I've only got about 37 more pages to go), so I'm turning to the group for suggestions on what you guys use for portable use.
Thank you,
Ren
KG4BAS

2001. Re: [pfr3_group] antenna recomendations for portable use

Yahoo group: pfr3_group
Date: 2011-02-11 05:59:21 UTC
From: Steve
Topic: 2000 Message: 2001

Ren,
There's a lot of good to be said about a simple wire antenna, tossed as high as possible in local trees. They can be light-weight, uncomplicated, easy to build, and work well. This could be as simple as an end-fed wire: near end connected to the tuner and far end thrown into the trees. Or perhaps more elaborate: dipole with feed line hung with both ends supported or with the center supported (inverted V).

The "right" antenna will depend on the setting. A tree-less mountain summit would demand some sort of support, or a vertical antenna - but the complexity, weight, and expense increases.

Focus your reading, research and experimenting with wire antennas. The cost is low, while the value is high.
Steve
aa8af

On 2/10/2011 7:56 PM, Ren wrote:
> Hello everyone,
>
> I odered my radio about a week and a half ago and am looking forward to receiving it soon. In the meantime though I've been searching online for ideas on antennas for portable use. There's only about 55,0000 pages on the subject and my brain feels like oatmeal (I've only got about 37 more pages to go), so I'm turning to the group for suggestions on what you guys use for portable use.
> Thank you,
> Ren
> KG4BAS
>
>

2002. RE: [pfr3_group] antenna recomendations for portable use

Yahoo group: pfr3_group
Date: 2011-02-11 13:47:59 UTC
From: N. A. Monllor
Topic: 2000 Message: 2002

Thank you Steve,

I ordered a 500 foot roll of 20 gauge wire a couple of days ago, knowing that I'd probably be making antennas out of it for the children and myself. I really like Lynn's (NG9D) vertical end fed and the multi band doublet antennas. I'm going to have to come up with good support for these as trees are not plentiful where I'm planning my first outing.

Thanks again,

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steve
Sent: Friday, February 11, 2011 12:59 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] antenna recomendations for portable use

Ren,
There's a lot of good to be said about a simple wire antenna, tossed as high as possible in local trees. They can be light-weight, uncomplicated, easy to build, and work well. This could be as simple as an end-fed wire: near end connected to the tuner and far end thrown into the trees. Or perhaps more elaborate: dipole with feed line hung with both ends supported or with the center supported (inverted V).

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Steve
aa8af

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>
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> Thank you,
> Ren
> KG4BAS

>
>

2003. Re: antenna recomendations for portable use

Yahoo group: pfr3_group
Date: 2011-02-11 17:07:29 UTC
From: wb9dlc
Topic: 2000 Message: 2003

I have to agree with the idea of wire antennas, The PFR3 is designed to be a very complete and portable transceiver - not much that you need to add.

I have had great luck with 55 to 88 feet of very light wire hauled up into a tree as high as I could throw a rock and a very light nylon line. Add about 20 feet of wire lated out on the ground as a counterpoise and the built-in tuner tunes it nicely.

The same antenna also works pulled up to a balcony railing or up onto a roof of a building. You just need to get creative and bold sometimes.

You probably want to get the antenna setup and get on the air quickly and it doesn't take long to get a wire up into a tree.

I did build a poor-man's BuddiStick vertical that works pretty well if no trees or supports are available.

I found the more wire in the air, the better the performance,

Good Luck! 73

Mike / WB9DLC
www.wb9dlc.com

==========

--- In pfr3_group@yahoogroups.com, Steve <lawresh@...> wrote:
>
> Ren,
> There's a lot of good to be said about a simple wire antenna, tossed as
> high as possible in local trees. They can be light-weight,
> uncomplicated, easy to build, and work well. This could be as simple as
> an end-fed wire: near end connected to the tuner and far end thrown
> into the trees. Or perhaps more elaborate: dipole with feed line hung
> with both ends supported or with the center supported (inverted V).
>
> The "right" antenna will depend on the setting. A tree-less mountain
> summit would demand some sort of support, or a vertical antenna - but
> the complexity, weight, and expense increases.
>
> Focus your reading, research and experimenting with wire antennas. The
> cost is low, while the value is high.
> Steve
> aa8af
>
>
> On 2/10/2011 7:56 PM, Ren wrote:
> > Hello everyone,

> >
> > I odered my radio about a week and a half ago and am looking forward to receiving it soon. In the meantime though I've been searching online for ideas on antennas for portable use. There's only about 55,0000 pages on the subject and my brain feels like oatmeal (I've only got about 37 more pages to go), so I'm turning to the group for suggestions on what you guys use for portable use.
> > Thank you,
> > Ren
> > KG4BAS
> >
> >
>

2004. RE:was- antenna recomendations for portable use; is: problem solved

Yahoo group: pfr3_group
Date: 2011-02-11 17:33:43 UTC
From: N. A. Monllor
Topic: 2000 Message: 2004

Well,

I've got great news as far as the support for a wire goes. I purchased some green fiberglass tubes on eBay quite a long while ago, they even came all packed up in some sort of green Army type duffle bag. Well, I dug them out of the attic and had some PVC pipe lying around the workshop that these tubes slide over neatly... the fit is like a glove. So I cut an angle slice into the PVC and made the piece about 18" long to use as a stake for the green tubes. Six tubes + stake in ground = about 24' of support. I pushed against the support with a fair amount of pressure and am convinced that unless it's a hurricane, it's not going anywhere. I have enough tubes and PVC two have two 24' supports in the ground providing me with a couple of options for wire configurations..problem solved.

Thanks for the replies,

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of wb9dlc
Sent: Friday, February 11, 2011 12:07 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: antenna recomendations for portable use

I have to agree with the idea of wire antennas, The PFR3 is designed to be a very complete and portable transceiver - not much that you need to add.

I have had great luck with 55 to 88 feet of very light wire hauled up into a tree as high as I could throw a rock and a very light nylon line. Add about 20 feet of wire lated out on the ground as a counterpoise and the built-in tuner tunes it nicely.

The same antenna also works pulled up to a balcony railing or up onto a roof of a building. You just need to get creative and bold sometimes.

You probably want to get the antenna setup and get on the air quickly and it doesn't take long to get a wire up into a tree.

I did build a poor-man's BuddiStick vertical that works pretty well if no trees or supports are available.

I found the more wire in the air, the better the performance,

Good Luck! 73

Mike / WB9DLC
www.wb9dlc.com

==========

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> ,
Steve <lawresh@...> wrote:
>
> Ren,
> There's a lot of good to be said about a simple wire antenna, tossed as
> high as possible in local trees. They can be light-weight,
> uncomplicated, easy to build, and work well. This could be as simple as
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> > Thank you,
> > Ren
> > KG4BAS
> >
> >
>

2005. voltage at L7 again

Yahoo group: pfr3_group
Date: 2011-02-12 21:33:27 UTC
From: baldreyt
Topic: 2005 Message: 2005

I still can't get the proper reading at the L7 pad next to C57. Everything checks out ok and I even replaced Q5 with a new 2N7000 that I picked up today.

I would love to get this radio running before long. Any more suggestions.

73 VA6WP Tom.

2006. Re: [pfr3_group] voltage at L7 again

Yahoo group: pfr3_group
Date: 2011-02-13 00:26:04 UTC
From: Steve Smith
Topic: 2005 Message: 2006

Hi Tom,

Have you measured all the q5 and q6 terminals in RX and TX and if so, what were the results? If you give me those values, I can help you identify the problem.

73.......Steve Smith WB6TNL
"Snort Rosin"

---------- Original Message ----------
From: "baldreyt" <baldreyt@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] voltage at L7 again
Date: Sat, 12 Feb 2011 21:33:27 -0000

I still can't get the proper reading at the L7 pad next to C57. Everything checks out ok and I even replaced Q5 with a new 2N7000 that I picked up today.

I would love to get this radio running before long. Any more suggestions.

73 VA6WP Tom.

2007. PFR working S9DX from Seattle

Yahoo group: pfr3_group
Date: 2011-02-14 00:15:31 UTC
From: orangelite
Topic: 2007 Message: 2007

I thought yall would enjoy this: a youtube clip of the PFR3 cracking a pileup to work S9DX on 20M (from Seattle).

http://www.youtube.com/watch?v=_dcTJMgUvG4

The part where I work him is about 3 min into the clip (if you don't wanna listen to a pileup for 3 minutes - I cant edit Quicktime vids yet!) I was running 2 watts to a G5RV up 75ft. He was REALLY booming in, the condx were perfect. I decided to try for "youtube qrp dxcc", that is, post my qrp dx efforts to a youtube playlist:

http://www.youtube.com/user/charangito#p/c/677A093C75EB5C5

The "little yellow" is truly a SWEET little radio -

72 de john, k7hv

2008. Re: [pfr3_group] PFR working S9DX from Seattle

Yahoo group: pfr3_group
Date: 2011-02-14 00:37:19 UTC
From: lahagar1@aol.com
Topic: 2007 Message: 2008

Wow! Very cool John.☐ Africa/ S9DX [DD2ML , DK1AX , DL2JRM , DL7VEE, DM2AYO, DF1AL, DO2XX and DM5TI DXPedition] from Sao Tome and Principe Islands is great DX and that was a 599 signal report the DX station gave you! Oh, at the end of your video you said 2W? Even more impressive, were you intentionally running less than 5W? That is one of the best QRP demonstrations I've seen! Great job!! 73 de NG9D☐ . .

-----Original Message-----
From: orangelite <jparnell@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, Feb 13, 2011 6:15 pm
Subject: [pfr3_group] PFR working S9DX from Seattle

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72 de john, k7hv

2009. Re: PFR working S9DX from Seattle

Yahoo group: pfr3_group
Date: 2011-02-14 04:21:05 UTC
From: gary_steinhour
Topic: 2007 Message: 2009

Way to go, John! Great video of the contact. Shortly after I built my PFR-3, I made 2 contacts into Russia and 1 into S. Africa on 30 meters. What a rush! The PFR-3 ROCKS! 73, Gary KF6U

--- In pfr3_group@yahoogroups.com, "orangelite" <jparnell@...> wrote:
>
> I thought yall would enjoy this: a youtube clip of the PFR3 cracking a pileup to work S9DX on 20M (from Seattle).
>
> http://www.youtube.com/watch?v=_dcTJMgUvG4
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>

2010. Re: [pfr3_group] PFR working S9DX from Seattle

Yahoo group: pfr3_group
Date: 2011-02-14 21:39:56 UTC
From: Carey Magee (K2RNY)
Topic: 2007 Message: 2010

Way to go John. Awesome. Mine is going on the air tonight.

72,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

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72 de john, k7hv

2011. RE: [pfr3_group] PFR working S9DX from Seattle

Yahoo group: pfr3_group
Date: 2011-02-14 23:03:27 UTC
From: N. A. Monllor
Topic: 2007 Message: 2011

I sure wish mine would get here so that I could start…. “The Build”…..

But hey, I’m not complainin’….

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Carey Magee (K2RNY)
Sent: Monday, February 14, 2011 4:40 PM
To: pfr3 group
Subject: Re: [pfr3_group] PFR working S9DX from Seattle

Way to go John. Awesome. Mine is going on the air tonight.

72,

Carey

Mr. Carey Magee, K2RNY

Rochester, NY

==========

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2012. pacific antenna pac 12 ; is pacific antenna still in business?

Yahoo group: pfr3_group
Date: 2011-02-19 05:11:13 UTC
From: arthur
Topic: 2012 Message: 2012

im thinking of building up a variation of the pac 12 antenna
pacific antenna did a very good job "commercializing" the home brew design.
with my lathe milling machine and cut off saw i think i could build one as good or better then what they did
the telescoping antenna they used is nolonger availible from radio shack so i have several options
#1 , get an mfj telescoping antenna
#2 get a 102" cb whip
#3 makeup a home brew teleescoping or multisection whip
the cb whip is a good idea if im just going to transport the antenna using my car.
a long piece of thin stainless rod clamped in place with set screws would work too.
the pac 12 is designed for 80-10m meter coverage
im just into something that will work with the pfr3
a cb 108" whip essentialy is a 10m 1/4 wave antenna
so is any cb antenna.
anything thing much shorter then 108" isnt going to be very efficient on 40 m.
hes using an alluminum mounting spike with a 1/4 20 threat when the spike is removed so it can be mounted on a standard photographers tripod.
i would make the spike out of 303 stainless.
sometimes getting if lets say 5 ftup on a tripod might be a good idea and the drooping radials might improve the match.
ive been looking at his wandering lead coil and wonder how good it is "anyone have experience with it?
getting good swr with a fixed loading coil is questionable
being able to vary the length of the whip helps allot
spillsbury made an antenna similar to the pac 12
but it had an adjustment sleave insted of a wandering lead.
im thinking of making up 1 loading coil for 40-30-20
with a 3 position switch.
we have built in tuners so perfect swr might not be an issue.
if not done properly the wandering lead approach can generate a shorted turn on a tight coil
thts why he uses a mini clip.

2013. RE: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

Yahoo group: pfr3_group
Date: 2011-02-19 05:34:20 UTC
From: Jerry Haigwood
Topic: 2012 Message: 2013

Arthur,

When building a vertical, the section below the loading coil is most important. The bottom 1/3 of a full size vertical produces 2/3 of the radiation. Therefore, you should concentrate on improving the lower part of the antenna making it as large as possible. The upper part tunes the antenna but does not radiate very much.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of arthur
Sent: Friday, February 18, 2011 11:11 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

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2014. RE: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

Yahoo group: pfr3_group
Date: 2011-02-19 05:54:23 UTC
From: Henry Schneider
Topic: 2012 Message: 2014

hhhmmmm So here is what I am considering. Use a 10 ft length of conduit and mount in one end a 3/8th 24 stud. Use an MFJ 10 ft telescoping whip or the CB fixed length whip. These two will screw together with a female coupler. With the whip fully extended, cut the conduit to length to resonate on 20m.
Then I can insert a loading coil between the two to tap to resonate on 40 and 30. The section below the coil would be around seven feet long.
Now then ..... should I make the section below the coil LONGER and shorten the stinger?

Henry W5HNS

--- On Fri, 2/18/11, Jerry Haigwood <jerry@...> wrote:

From: Jerry Haigwood <jerry@w5jh.net>
Subject: RE: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?
To: pfr3_group@yahoogroups.com
Date: Friday, February 18, 2011, 11:34 PM

Arthur,   When building a vertical, the section below the loading coil is most important. The bottom 1/3 of a full size vertical produces 2/3 of the radiation. Therefore, you should concentrate on improving the lower part of the antenna making it as large as possible. The upper part tunes the antenna but does not radiate very much.Jerry W5JH   From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of arthur
Sent: Friday, February 18, 2011 11:11 PM
To: pfr3_group@yahoogroups.com
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thts why he uses a mini clip.

2015. RE: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

Yahoo group: pfr3_group
Date: 2011-02-19 15:23:56 UTC
From: N. A. Monllor
Topic: 2012 Message: 2015

pole sells the whips at a decent price.

I built mine according to the homebrew plans and just put it through the antenna analyzer this week, the results were quite good, 1:1.

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of arthur
Sent: Saturday, February 19, 2011 12:11 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

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2016. RE: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

Yahoo group: pfr3_group
Date: 2011-02-19 16:35:02 UTC
From: N. A. Monllor
Topic: 2012 Message: 2016

Sorry guys about the typo.

I meant to say that Buddipole sells the whips.

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of N. A. Monllor
Sent: Saturday, February 19, 2011 10:24 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

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2017. RE: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

Yahoo group: pfr3_group
Date: 2011-02-19 21:40:25 UTC
From: Jerry Haigwood
Topic: 2012 Message: 2017

Henry,

That would depend on what efficiency you want/need. Since most of the radiation comes from the section below the coil, I would make it a long as possible for higher efficiency. As you place the loading coil nearer to the top, the coil inductance will need to be increased to resonate the antenna. To lower the inductance, try a top hat. On mobile installations we are usually limited to the size of the bottom section since it is the biggest wind catcher. Four to five feet is about all you can do on a mobile antenna for a bottom section.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Henry Schneider
Sent: Friday, February 18, 2011 11:54 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

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Henry W5HNS

--- On Fri, 2/18/11, Jerry Haigwood <jerry@...> wrote:

From: Jerry Haigwood <jerry@w5jh.net>
Subject: RE: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?
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#3 makeup a home brew teleescoping or multisection whip
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a ! long piece of thin stainless rod clamped in place with set screws would work too.
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so is any cb antenna.
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i would make the spike out of 303 stainless.
sometimes getting if lets say 5 ftup on a tripod might be a good idea and the drooping radials might improve the match.
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with a 3 position switch.
we have built in tuners so perfect swr might not be an issue.
if not done properly the wandering lead approach can generate a shorted turn on a tight coil
thts why he uses a mini clip.

2018. Re: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

Yahoo group: pfr3_group
Date: 2011-02-19 21:54:42 UTC
From: arthurok
Topic: 2012 Message: 2018

id like to come up with a no tune verticle that will work well with our pfrs3's tuner without having to tune the antenna.
the power levels are so low that maybe simple can be designed.
a flimsy telescoping whip maybe isnt a great idea some pieces of stainless steel rod joined together using stainless of aluminum couplers and set screws might work just fine.
and using some tubing i could make up an adjustable length stinger "like used on a ham stick.
buddipole seems to be heavily connected with elecraft.
maybe i can come up with something and supply a low cost kit to the group.
he says the pac 12 is capable of 100 watts there is no need for that much capacity.
i commonly machine plastics mostly delrin and abs.
fiberglass rod with a helix wound around it and covered with heatshrink tubing works well too.
----- Original Message -----
From: Jerry Haigwood
To: pfr3_group@yahoogroups.com
Sent: Saturday, February 19, 2011 3:40 PM
Subject: RE: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

Henry,

That would depend on what efficiency you want/need. Since most of the radiation comes from the section below the coil, I would make it a long as possible for higher efficiency. As you place the loading coil nearer to the top, the coil inductance will need to be increased to resonate the antenna. To lower the inductance, try a top hat. On mobile installations we are usually limited to the size of the bottom section since it is the biggest wind catcher. Four to five feet is about all you can do on a mobile antenna for a bottom section.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Henry Schneider
Sent: Friday, February 18, 2011 11:54 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

hhhmmmm So here is what I am considering. Use a 10 ft length of conduit and mount in one end a 3/8th 24 stud. Use an MFJ 10 ft telescoping whip or the CB fixed length whip. These two will screw together with a female coupler. With the whip fully extended, cut the conduit to length to resonate on 20m.

Then I can insert a loading coil between the two to tap to resonate on 40 and 30. The section below the coil would be around seven feet long.

Now then ..... should I make the section below the coil LONGER and shorten the stinger?

Henry W5HNS

--- On Fri, 2/18/11, Jerry Haigwood <jerry@...> wrote:

From: Jerry Haigwood <jerry@w5jh.net>
Subject: RE: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?
To: pfr3_group@yahoogroups.com
Date: Friday, February 18, 2011, 11:34 PM

Arthur,

When building a vertical, the section below the loading coil is most important. The bottom 1/3 of a full size vertical produces 2/3 of the radiation. Therefore, you should concentrate on improving the lower part of the antenna making it as large as possible. The upper part tunes the antenna but does not radiate very much.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of arthur
Sent: Friday, February 18, 2011 11:11 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] pacific antenna pac 12 ; is pacific antenna still in business?

im thinking of building up a variation of the pac 12 antenna
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if not done properly the wandering lead approach can generate a shorted turn on a tight coil
thts why he uses a mini clip.

2019. True Overall Dimensions of PFR-3

Yahoo group: pfr3_group
Date: 2011-02-20 00:54:03 UTC
From: k2ytj
Topic: 2019 Message: 2019

I suspect the 7.3" x 4.4" x 1.6" dimensions of the PFR-3 given on the Hendricks site defines only the yellow case, not the case plus the extension including the connectors on the rear or the knobs on the top, which makes it difficult to spec out a container for transporting the xcvr in the field. (NOTE: I am not interested in the front to back dimension including the key, which I intend to remove and pack separately.)

Can someone give me the true front to back dimensions including the rear connectors and the bottom to top dimensions including the feet and the tallest knob? I assume the width of 7.3" is good?

I'm hoping it will fit in the MTM Survivor Dry Box with O-Ring Seal shown on Amazon, which sells for a scant $12.43! Inner dimensions are 8.2" x 5.0" x 4.4". See http://www.amazon.com/MTM-Survivor-Dry-Ring-Seal/dp/B002KENWZY/ref=sr_1_1?ie=UTF8&s=sporting-goods&qid=1298162298&sr=8-1

Thanks,frieds. 73s, Dennis K2YTJ

2020. RE: [pfr3_group] True Overall Dimensions of PFR-3

Yahoo group: pfr3_group
Date: 2011-02-20 02:22:33 UTC
From: Dale Putnam
Topic: 2019 Message: 2020

the PFR3 case is 7.25 inches left to right, 2.5 in. thick, 5.75 inches deep. This will allow for the BSI switch also, if the BSI isn't installed subtract 3/16ths. This will be a loose fit into a comfy holder. The BBW paddles would add 3.5 inches to the 5.75 depth. And packing the key seperate is a very good idea. This is one of the few times that together we fail. I can pack the PFR3 and the BBW seperate in a saddle bag, ride across some very rough country, and still have a radio ready to play with, when I get to camp. Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: djeberl@...
Date: Sun, 20 Feb 2011 00:54:03 +0000
Subject: [pfr3_group] True Overall Dimensions of PFR-3

I suspect the 7.3" x 4.4" x 1.6" dimensions of the PFR-3 given on the Hendricks site defines only the yellow case, not the case plus the extension including the connectors on the rear or the knobs on the top, which makes it difficult to spec out a container for transporting the xcvr in the field. (NOTE: I am not interested in the front to back dimension including the key, which I intend to remove and pack separately.)

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Thanks,frieds. 73s, Dennis K2YTJ

2021. Re: True Overall Dimensions of PFR-3

Yahoo group: pfr3_group
Date: 2011-02-20 02:46:07 UTC
From: k2ytj
Topic: 2019 Message: 2021

Thanks, Dale, for the thorough and very helpful information. 73s..

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> the PFR3 case is 7.25 inches left to right, 2.5 in. thick, 5.75 inches deep. This will allow for the BSI switch also, if the BSI isn't installed subtract 3/16ths. This will be a loose fit into a comfy holder. The BBW paddles would add 3.5 inches to the 5.75 depth.
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> Have a great day,
>
> --... ...--
> Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: djeberl@...
> Date: Sun, 20 Feb 2011 00:54:03 +0000
> Subject: [pfr3_group] True Overall Dimensions of PFR-3
>
>
>
>
>
>
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>

> Thanks,frieds. 73s, Dennis K2YTJ
>

2022. Re: pacific antenna pac 12 ; is pacific antenna still in business?

Yahoo group: pfr3_group
Date: 2011-02-21 03:36:38 UTC
From: wb9dlc
Topic: 2012 Message: 2022

Arthur

This page describes my building of a homemade BuddiStick or Pac-12 antenna.

http://wb9dlc.com/Portable_Vertical_Antenna.htm

Maybe some ideas that you can use

Good Luck! 73

Mike - WB9DLC

--- In pfr3_group@yahoogroups.com, "arthur" <arthurok@...> wrote:
>
> im thinking of building up a variation of the pac 12 antenna
> pacific antenna did a very good job "commercializing" the home brew design.
> with my lathe milling machine and cut off saw i think i could build one as good or better then what they did
> the telescoping antenna they used is nolonger availible from radio shack so i have several options
> #1 , get an mfj telescoping antenna
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> thts why he uses a mini clip.
>

2023. Re: [pfr3_group] Re: pacific antenna pac 12 ; is pacific antenna still in business?

Yahoo group: pfr3_group
Date: 2011-02-21 05:09:58 UTC
From: arthurok
Topic: 2012 Message: 2023

i like variable inductance coil concept.
maybe i can come up with some sort of a groved coil form and a slider like a variable resistor.
the problem with the wander lead is generating a "shorted turn"
i can cut threads with my lathe to hold bare wire having a slider with a scale next to it would be nice. a shorted turn dosent bother a wirewound rheostat.
----- Original Message -----
From: wb9dlc
To: pfr3_group@yahoogroups.com
Sent: Sunday, February 20, 2011 9:36 PM
Subject: [pfr3_group] Re: pacific antenna pac 12 ; is pacific antenna still in business?

Arthur

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http://wb9dlc.com/Portable_Vertical_Antenna.htm

Maybe some ideas that you can use

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>

2024. Re: [pfr3_group] Re: pacific antenna pac 12 ; is pacific antenn a still in business?

Yahoo group: pfr3_group
Date: 2011-02-21 23:17:03 UTC
From: hzp_electronics@juno.com
Topic: 2024 Message: 2024
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

2025. Re: [pfr3_group] Re: pacific antenna pac 12 ; is pacific antenna still in business?

Yahoo group: pfr3_group
Date: 2011-02-22 05:24:39 UTC
From: arthurok
Topic: 2012 Message: 2025

a shorted turn is caused if the wandering lead clip touches more then the intended turn of the loading coil
thus causing a shorted turn transformer.
even thogh its an air wound coil the shorted turn will draw current.
many inductors fail when two adjacent turns fail
it lowers the q factor allot too.
----- Original Message -----
From: hzp_electronics@...
To: pfr3_group@yahoogroups.com
Cc: pfr3_group@yahoogroups.com
Sent: Monday, February 21, 2011 5:17 PM
Subject: Re: [pfr3_group] Re: pacific antenna pac 12 ; is pacific antenna still in business?

Arthur,

There is no reason that the tapped coil must be shorted. Leave one end unconnected.

... Bill K3HZP

To: pfr3_group@yahoogroups.com
Sent: Sunday, February 20, 2011 9:36 PM
Subject: [pfr3_group] Re: pacific antenna pac 12 ; is pacific antenna still in business?

Arthur

This page describes my building of a homemade BuddiStick or Pac-12 antenna.

http://wb9dlc.com/Portable_Vertical_Antenna.htm

Maybe some ideas that you can use

Good Luck! 73

Mike - WB9DLC

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2026. Problems with Group 2 smoke test

Yahoo group: pfr3_group
Date: 2011-02-22 17:44:20 UTC
From: Ren
Topic: 2026 Message: 2026

Hello folks,
Group 1 smoke test: all went well except that I don't have Freq. Counter or general coverage receiver to check DDS chip. All other parts of test worked out beautifully.
Did Groupd 2 assembly and modifications and on Group2 smoke testReceiver seemed to be wprking well. I got signals on 40M. Could not do DDS Freq. calibration and precise BFO adjustment. Entering Calibration Modes worked out okay.
Reference freq. calibration and IF offset adjust and BFO trimmer set could not be done as I don't have a scope.Could not figure out how to do BFO adjustment asa I could hear side tone but no BFO beat note.
Pretests:
Before installing L7 I installed U8 and put the rig in straight key mode.Measured the voltage on pins 1 and 13 and everything is okay there.I keyed the transmitter and measured the voltage on L7 pad and get no reading. I checked the values of R34 and R35 and they're okay. I don't know how to check a transistor as I've never done that before. Might Q5 be shot and if so, where can I get one? I went over the solder points for cold solder, but I still get no reading out of L7 pad.
Thank you,
Ren
KG4BAS

2027. Re: Problems with Group 2 smoke test-

Yahoo group: pfr3_group
Date: 2011-02-22 18:10:39 UTC
From: Ren
Topic: 2026 Message: 2027

After searching Q5 on the groups messages, I came across a post with somewhat the same problem. I keyed the rig in straight key mode and measured the voltage on pins 1 and 13 of the IC and got a .67 volts reading, still nothing on the L7 pad.
Ren

2028. Re: Problems with Group 2 smoke test-

Yahoo group: pfr3_group
Date: 2011-02-22 18:50:39 UTC
From: Ren
Topic: 2026 Message: 2028

Though I've never done this before, I tried to check the transistor. Please bear with me as this is a first for me.

With the key open:
Source read 0 volts
Gain read 0 volts
Drain read 10.19 volts

With the key closed (as if I' were sending a signal):
Source read 0 volts
Gain read 4.84 Volts
Drain read 0 volts

Hope this information helps.
Ren

2029. Re: Problems with Group 2 smoke test

Yahoo group: pfr3_group
Date: 2011-02-22 22:47:28 UTC
From: Steven Weber
Topic: 2026 Message: 2029

First, you might have more luck telling us the voltages on Q6, which is keyed to supply the voltage to L7. (is it possible your not putting the volt meter on the correct pad?).

With the phone and paddle jacks facing towards you (as the board would be used in the cabinet), the source of Q6 is the lead on the left and should have the DC supply voltage on it of about 12V. The center lead is the drain, which connects over to L7. The lead on the right is the gate and with key up will also be at the DC supply voltage.

Now put the rig into straight key mode, so you can key Q6 on and off. (turn board on with dash paddle input grounded)

Close Dot paddle input. The gate voltage should drop to about 3.8 volts, assuming 12.0 volt DC supply. Drain should to to DC supply voltage. If so, everything is working okay.

If the gate does not pull down to about 3.8V when you key, the problem could be with R35 or Q5. Make sure the value of R35 is 47K and not something higher, like 470K, a similer value also used, but in the receiver audio amp section.

If the gate is pulling down the about 3.8 volts, but there is still no voltage on the Drain of Q6, then Q6 might have been damaged and needs to be replaced.

BFO adjustment: Put the board into calibration mode and then click the function (menu) button once. With the volume control turned all the way down, you should hear just the side tone. Now turn up the volume control and you will hear another tone, which is the BFO beat note. If you turn the volume control so that the BFO beat note is about the same volume as the side tone, you can hear a third tone, the mixing of the side tone and BFO note. If they are close in frequency, it will be a slight wabbly sound. If your ears can't detect this wabble, simply adjust the BFO note for loudest volume, which will peak it in the pass band of the audio filter.

Steve KD1JV

2030. RE: [pfr3_group] Re: Problems with Group 2 smoke test

Yahoo group: pfr3_group
Date: 2011-02-22 22:53:49 UTC
From: N. A. Monllor
Topic: 2026 Message: 2030

Oh crap!!!

I hadn't realized that Group 3 Assembly was done before the pretests.

Okay, I've removed my head and I heard the POP!!

Thank you,

Ren

(Boy, talk about feeling like a real PUTZ..)

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steven Weber
Sent: Tuesday, February 22, 2011 5:47 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Problems with Group 2 smoke test

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Steve KD1JV

2031. Re: [pfr3_group] Re: Problems with Group 2 smoke test

Yahoo group: pfr3_group
Date: 2011-02-23 01:01:38 UTC
From: Lee
Topic: 2026 Message: 2031

On Tue, Feb 22, 2011 at 2:53 PM, N. A. Monllor <nmonllor@...>wrote:

>
>
> Oh crap!!!
>
> I hadn’t realized that Group 3 Assembly was done before the pretests.
>
> Okay, I’ve removed my head and I heard the POP!!
>
> Thank you,
>
> Ren
>
> (Boy, talk about feeling like a real PUTZ……)
>
>
>
>
>
> Ha, ha! It happens to the best of us. Let us know how it's going when it
does. :)

Terry

2032. Re: [pfr3_group] Re: Problems with Group 2 smoke test

Yahoo group: pfr3_group
Date: 2011-02-23 01:42:42 UTC
From: arthurok
Topic: 2026 Message: 2032

recheck everything from step 1 make sure the chips are plugged properly into their sockets "pins can be bent over during insertion"
and as steve says make sure all the component values are correct.
hendriks sometimes makes his own component substitutions.
what i do is check each resistor with a n autoranging digital multimeter before insertion. sometimes the color bands on 1/4" watt resistors arent easily read without a magnifiication.

----- Original Message -----
From: N. A. Monllor
To: pfr3_group@yahoogroups.com
Sent: Tuesday, February 22, 2011 4:53 PM
Subject: RE: [pfr3_group] Re: Problems with Group 2 smoke test

Oh crap!!!

I hadn't realized that Group 3 Assembly was done before the pretests.

Okay, I've removed my head and I heard the POP!!

Thank you,

Ren

(Boy, talk about feeling like a real PUTZ..)

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steven Weber
Sent: Tuesday, February 22, 2011 5:47 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Problems with Group 2 smoke test

First, you might have more luck telling us the voltages on Q6, which is keyed to supply the voltage to L7. (is it possible your not putting the volt meter on the correct pad?).

With the phone and paddle jacks facing towards you (as the board would be used in the cabinet), the source of Q6 is the lead on the left and should have the DC supply voltage on it of about 12V. The center lead is the drain, which connects over to L7. The lead on the right is the gate and with key up will also be! at the DC supply voltage.

Now put the rig into straight key mode, so you can key Q6 on and off. (turn board on with dash paddle input grounded)

Close Dot paddle input. The gate voltage should drop to about 3.8 volts, assuming 12.0 volt DC supply. Drain should to to DC supply voltage. If so, everything is working okay.

If the gate does not pull down to about 3.8V when you key, the problem could be with R35 or Q5. Make sure the value of R35 is 47K and not something higher, like 470K, a similer value also used, but in the receiver audio amp section.

If the gate is pulling down the about 3.8 volts, but there is still no voltage on the Drain of Q6, then Q6 might have been damaged and needs to be replaced.

BFO adjustment: Put the board into calibration mode and then click the function (menu) button once. With the volume control turned all the way down, you should hear just the side tone. Now turn up the volume control and you will hear another tone, which is the BFO beat note. If you turn the volume control so that the BFO beat note is about the same volume as the side tone, you can hear a third tone, the mixing of the side tone and BFO note. If they are close in frequency, it will be a slight wabbly sound. If your ears can't detect this wabble, simply adjust the BFO note for loudest volume, which will peak it in the pass band of the audio filter.

Steve KD1JV

2033. Re: [pfr3_group] Re: Problems with Group 2 smoke test-

Yahoo group: pfr3_group
Date: 2011-02-24 00:07:40 UTC
From: Steve Smith
Topic: 2026 Message: 2033

Ren,

Those readings are nominal.

You will not get any reading at L7 pad(s) until Group 3 is finished (at least the installation of Q6 and surrounding components).

BTW, it is Gate, not Gain.

After Q6 and its ancillary components are installed, measure the voltages on Q6. They should be approximately:

Unkeyed

D = 0V
G = 12V
S = 12V

Keyed

D = 12V
G = 2.5V
S = 12V

If everything is OK you will also have 12V on L7 pad (or pads if L7 is installed).

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Ren" <nmonllor@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Problems with Group 2 smoke test-
Date: Tue, 22 Feb 2011 18:50:39 -0000

Though I've never done this before, I tried to check the transistor. Please bear with me as this is a first for me.

With the key open:
Source read 0 volts
Gain read 0 volts
Drain read 10.19 volts

With the key closed (as if I' were sending a signal):
Source read 0 volts
Gain read 4.84 Volts
Drain read 0 volts

Hope this information helps.
Ren

Yahoo! Groups Links

2034. Group 2- Complete?

Yahoo group: pfr3_group
Date: 2011-02-24 01:26:58 UTC
From: briznead
Topic: 2034 Message: 2034

Hey guys,
This is such a cool little kit! I recently finished group 2 and what a joy it was to receive signals...

Much like Ren, I dont own any testing equipment like a "scope" or a freq. counter...Im hoping I did the calibration right so here is what I did:

WWV beat: hooked up a short piece of wire to TP1 and fired up MultiPSK...In Cal-r the tone was somewhat close to the tone WWV displayed on the waterfall but I went ahead and centered it dead on anyway....

I then hit "menu" to move onto the BFO adjustment. The instructions said to hit "keyer" to store what I set but would just pressing "menu" do the same...?

BFO adj: Plugged in headphones and adjusted volume to match the tone per instructions....Tuned the cap slowly and heard the wa wa wa and kept adjusting until the wa wa wa went steady and matched the tone generated by the PFR....Sound right?

Once again I hit "menu" hoping everything was stored....The instructions kind of had me puzzled on how to store what I did, that's why I am curious if I did it correctly...

Thanks guys! Moving onto Group 3 now...

Dave
KC6ZBE

2035. RE: [pfr3_group] Group 2- Complete?

Yahoo group: pfr3_group
Date: 2011-02-24 01:54:35 UTC
From: Dale Putnam
Topic: 2034 Message: 2035

Looks like you did just fine, Dave, the menu to save and leave is proper,
and the rest of the calibration looks good to me. Once again, it is proven that
one doesn't have to have all the test equipment to make it work, just fine.
Thank you,
Good luck with it Dave,
I'm just finishing one too,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: briznead@...
Date: Thu, 24 Feb 2011 01:26:58 +0000
Subject: [pfr3_group] Group 2- Complete?

Hey guys,
This is such a cool little kit! I recently finished group 2 and what a joy it was to receive signals...

Much like Ren, I dont own any testing equipment like a "scope" or a freq. counter...Im hoping I did the calibration right so here is what I did:

WWV beat: hooked up a short piece of wire to TP1 and fired up MultiPSK...In Cal-r the tone was somewhat close to the tone WWV displayed on the waterfall but I went ahead and centered it dead on anyway....

I then hit "menu" to move onto the BFO adjustment. The instructions said to hit "keyer" to store what I set but would just pressing "menu" do the same...?

BFO adj: Plugged in headphones and adjusted volume to match the tone per instructions....Tuned the cap slowly and heard the wa wa wa and kept adjusting until the wa wa wa went steady and matched the tone generated by the PFR....Sound right?

Once again I hit "menu" hoping everything was stored....The instructions kind of had me puzzled on how to store what I did, that's why I am curious if I did it correctly...

Thanks guys! Moving onto Group 3 now...

Dave
KC6ZBE

2036. Re: Group 2- Complete?

Yahoo group: pfr3_group
Date: 2011-02-24 02:50:45 UTC
From: briznead
Topic: 2034 Message: 2036

Thanks Dale,
Figured I would run into a problem sooner or later....On Group 3 and doing the pretests before installing L7 (pg 11 toward the bottom)....

Measured the voltage of L7 and it read 7.63v....Im using a 9v battery right now....Measured the voltage of U8 pin1 and that read 2.36v...Manual said it should be about 2.5v....Measured voltage on pin13 and got nothing...Tried to measure both sides of pin13 and still nothing...

Dale, do you or anyone else out their have any ideas...?

Thanks again, guys!
Dave - KC6ZBE

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Looks like you did just fine, Dave, the menu to save and leave is proper,
> and the rest of the calibration looks good to me. Once again, it is proven that
> one doesn't have to have all the test equipment to make it work, just fine.
> Thank you,
> Good luck with it Dave,
> I'm just finishing one too,
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: briznead@...
> Date: Thu, 24 Feb 2011 01:26:58 +0000
> Subject: [pfr3_group] Group 2- Complete?
>
>
>
>
>
>
>
> Hey guys,
> This is such a cool little kit! I recently finished group 2 and what a joy it was to receive signals...
>
> Much like Ren, I dont own any testing equipment like a "scope" or a freq. counter...Im hoping I did the calibration right so here is what I did:

>
> WWV beat: hooked up a short piece of wire to TP1 and fired up MultiPSK...In Cal-r the tone was somewhat close to the tone WWV displayed on the waterfall but I went ahead and centered it dead on anyway....
>
> I then hit "menu" to move onto the BFO adjustment. The instructions said to hit "keyer" to store what I set but would just pressing "menu" do the same...?
>
> BFO adj: Plugged in headphones and adjusted volume to match the tone per instructions....Tuned the cap slowly and heard the wa wa wa and kept adjusting until the wa wa wa went steady and matched the tone generated by the PFR....Sound right?
>
> Once again I hit "menu" hoping everything was stored....The instructions kind of had me puzzled on how to store what I did, that's why I am curious if I did it correctly...
>
> Thanks guys! Moving onto Group 3 now...
>
> Dave
> KC6ZBE
>

2037. Rotary encoder kits - 10pcs available

Yahoo group: pfr3_group
Date: 2011-02-24 23:11:51 UTC
From: Petr
Topic: 2037 Message: 2037

Hello,

as Miroslav already shipped all of the encoder kits but his wish list is not cleaned still he decided to complete another 10pcs of kits using his "spare" PCBs and rest of ICs / encoders. So last 10pcs is available at this moment for those who do not made decission yet.

Some of You asked me if Miroslav is thinking about another batch of kits. In my oppinion it depends to number of orders in his list. It is not possible to keep the current kit price if ordering of PCBs and ICs + encoders etc. will be just for 5-10 people. If another new owners of PFR3 or ATS4 will interesting in these kits and Miroslav will have 20-30 orders again then it should be ok to arrange another batch.

So if You are thinking about then do not hesitate to contact Miroslav to let him know how many of You are still want this kit.

best regards,
73 - Petr, OK1RP

2038. Anyone got a bullet??? For me not the radio....

Yahoo group: pfr3_group
Date: 2011-02-25 19:48:38 UTC
From: N. A. Monllor
Topic: 2026 Message: 2038

Hi Steve,

Let me start by saying I wish I knew what you forgot about electronics, so I send my apologies for my ignorance in these matters. I "am" trying to learn as quickly as I can, but it's one hell of a learning curve. Thank you for whatever patience you can show me.

The problem I was having was with the fact that I still had not continued populating the board. Once populated, I followed your suggestions and all measurements were within the ballpark and within tolerance. Thank you very much.

Went to my Elmer's house because I noticed that on receive the signal was very strong when S7 switch was set to tune, but when switched to Operate I'd lose most audio. He suggested I put it all in the case and button it up, so I did.

This morning I went to put it on the air. I hooked it up to my G5RV and in "Tune" I couldn't get the LED to dim in the slightest or go out. So I took the board out of the case (major PITA), hooked it up to a power supply and noticed that if I keyed the transmitter into a 50 ohm dummy load the light would dim some, but not go out. Re-hooked it up to the G5RV and the light was as bright as ever. I need to mention that since there was only one 470 ohm resistor included in the components package and it was used at R3, I did a search on R48 and saw that 1K ohm was suggested over the 470 ohm, so I made the switch.

While I had the radio hooked up to the Hendricks Dummy Load, I thought I'd check my power out on transmit and I measured my voltage at about 9 volts with key down, equating to about 1 watt out @ 12 volts through a power supply (Bummer). My VOM has a 10M ohm impedance and not the suggested 11M's.

Well, I think I burned out the LED because it is not lighting at all.

Could I use any LED or should I order it from Hendricks?

How would I troubleshoot the Tuner portion?

What should I do about the 1 watt output to get it up to the 5 watts out?

There's a part of me that just wants to send the radio to you with a check, but there's a bigger part of me which wants help in figuring out how these marvelous little radios work.

I'd like to have this puppy up and running by the 21st of March as my local club is having a QRP centered picnic and QRP is kind of "laughed at" in the club. I've also seen NG9d's little yellow radio and its capabilities, HA! I

wouldn't laugh at what a person could do with QRP.

Thank you Steve,

Ren

KG4BAS

2039. Re: [pfr3_group] Anyone got a bullet??? For me not the radio....

Yahoo group: pfr3_group
Date: 2011-02-25 21:34:44 UTC
From: Steven Weber
Topic: 2026 Message: 2039

First, you can not burn out the LED. (unles you put a 12 volt supply directly across it)

Second, using the BLT tuner takes a lot of practice. The tuning is very sharp and it is easy to miss seeing the LED dim. To complicate the problem, the two controls are very interactive. You often have to de-tune one and retune the other, working back and forth to get the light to go out. You also must have the correct impedance setting.

To get the settings in the ball park, first adjust for best signal strength on the reciever. Then make your adustments VERY SLOWLY.

G5RV's can be hard to match to and the BLT might not have the range needed to do so. What kind of G5RV do you have? Is it the long 105 foot one or the short 44 foot one and is it feed with ladder line from the rig or changes to coax? The G5RV was designed to be a 20 meter antenna, but will work on 40, though I've found I've had to fuss with the lenght of coax to make a match on 40.

The receiver signal should not go up in tune mode, it should go down. If it is going up, then there is something not wired right or shorted out or what you think is tune is really operate.

When measuring power, make sure your settings are correct. The tuner and SWR bridge needs to be bypassed. If this is the case and your still getting low power, then you don't have the correct number of turns on the toroids or don't have the wire spaced properly. The turns should be more or less evenly spaced around the core to start with.

Steve

Went to my Elmer's house because I noticed that on receive the signal was very strong when S7 switch was set to tune, but when switched to Operate I'd lose most audio. He suggested I put it all in the case and button it up, so I did.

This morning I went to put it on the air. I hooked it up to my G5RV and in "Tune" I couldn't get the LED to dim in the slightest or go out. So I took the board out of the case (major PITA), hooked it up to a power supply and noticed that if I keyed the transmitter into a 50 ohm dummy load the light would dim some, but not go out. Re-hooked it up to the G5RV and the light was as bright as ever. I need to mention that since there was only one 470 ohm resistor included in the components package and it was used at R3, I did a search on R48 and saw that 1K ohm was suggested over the 470 ohm, so I made the switch.

While I had the radio hooked up to the Hendricks Dummy Load, I thought I'd check my power out on transmit and I measured my voltage at about 9 volts with key down, equating to about 1 watt out @ 12 volts through a power supply (Bummer). My VOM has a 10M ohm impedance and not the suggested 11M's.

Well, I think I burned out the LED because it is not lighting at all.

Could I use any LED or should I order it from Hendricks?

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I'd like to have this puppy up and running by the 21st of March as my local club is having a QRP centered picnic and QRP is kind of "laughed at" in the club. I've also seen NG9d's little yellow radio and its capabilities, HA! I wouldn't laugh at what a person could do with QRP.

Thank you Steve,

Ren

KG4BAS

2040. Re: paddles modification

Yahoo group: pfr3_group
Date: 2011-02-26 17:33:53 UTC
From: hortonstevenr
Topic: 946 Message: 2040

Christian,
Thanks for the mod. I did the same to mine today and it is awesome!

Steve
W6EOD

--- In pfr3_group@yahoogroups.com, "poeli111" <csack@...> wrote:
>
> Hi folks,
>
> since day one with my yellow fellow I struggeled with the original paddles, the touch was too soft and wobbly and it gave too little feedback when operating. Sometimes I even managed to stick together the paddles when squeezing too hard...
>
> Now the day has come to do some improvement: I disassembled the whole thing and cut the flexing metal stripes about 18 mm (3/4"). I turned the center contact screw fully in and left away the nut as the screw was self locking at the end of the thread. Now the silicon fingerpieces sit next to the center screw. I melted holes into the inner side of the fingerpieces using a small soldering iron (not very professional and stinks, I know...) Having reassembled the paddles, I now have a defined turn-on point and much less travel. Keying is more fun now.
>
> I made a photo of the shortened paddles, see the photo section.
>
> 73, Christian DL1ELU
>

2041. real big goof

Yahoo group: pfr3_group
Date: 2011-02-26 21:20:40 UTC
From: baldreyt
Topic: 2041 Message: 2041

I installed one of the slide switches on the wrong side of the board.
Is there any way of removing this type of switch short of pulling it out in pieces ?

Tom VA6WP

2042. RE: [pfr3_group] real big goof

Yahoo group: pfr3_group
Date: 2011-02-26 21:31:05 UTC
From: N. A. Monllor
Topic: 2041 Message: 2042

What I've done in the past is, I Dremeled a notch in one of the plastic tips of my solder suckering tool, big enough to fit the soldering tip into and used the tip to melt the solder; then hit the little button on the side of the sucker. It took a couple of tries, but I was able to get the solder out that way. Be patient with it.

What's funny is, I thought crap like this only happened to me!!

Hope this helps.

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of baldreyt
Sent: Saturday, February 26, 2011 4:21 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] real big goof

I installed one of the slide switches on the wrong side of the board.
Is there any way of removing this type of switch short of pulling it out in pieces ?

Tom VA6WP

2043. Almost done....Question on T3

Yahoo group: pfr3_group
Date: 2011-02-26 21:31:48 UTC
From: briznead
Topic: 2043 Message: 2043

Just about finished and had a quick question about the T3 winding....I understand that the CT (center tap) will be connected to the 6th turn of the 12 turn winding per instructions....The rest seems easy...

The question I have is about the binding posts (BP)....Where do these come into play? How do I suspend the core via the BP....? For some reason, Im a little confused on this....

Thanks
Dave
KC6ZBE

2044. RE: [pfr3_group] real big goof

Yahoo group: pfr3_group
Date: 2011-02-26 21:37:18 UTC
From: Henry Schneider
Topic: 2041 Message: 2044

I had a very kind soul build my PFR3 for me as I could not overcome procrastination. He confessed to me that he inserted the big chip in backwards but wired the socket backwards to accomodate. Rig works fine.

--- On Sat, 2/26/11, N. A. Monllor <nmonllor@...> wrote:

From: N. A. Monllor <nmonllor@...>
Subject: RE: [pfr3_group] real big goof
To: pfr3_group@yahoogroups.com
Date: Saturday, February 26, 2011, 3:31 PM

What I’ve done in the past is, I Dremeled a notch in one of the plastic tips of my solder suckering tool, big enough to fit the soldering tip into and used the tip to melt the solder; then hit the little button on the side of the sucker. It took a couple of tries, but I was able to get the solder out that way. Be patient with it.What’s funny is, I thought crap like this only happened to me!!Hope this helps.Ren From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of baldreyt
Sent: Saturday, February 26, 2011 4:21 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] real big goof   I installed one of the slide switches on the wrong side of the board.
Is there any way of removing this type of switch short of pulling it out in pieces ?

Tom VA6WP

2045. Re: Anyone got a bullet??? For me not the radio....

Yahoo group: pfr3_group
Date: 2011-02-26 21:43:28 UTC
From: Ren
Topic: 2026 Message: 2045

I've got the long G5RV antenna with ladderline and a balun, it then changes to coax. From the end of the antenna (where the balun changes to coax) I've got about 35 feet of coax coiled on the ground and from there another five feet to the radio inside the house.
I took the board out of the case this morning and rechecked the connections for cold solder joints. I also adjusted the L8, L10, L12 windings. I found I had forgotten to solder 2 pins on the S7 switch so now it is louder on Operate than on Tune. I took another power out reading and it seems to have improved to 5 watts out. Happy times!!!
I checked the tuner out but still couldn't get the light to dim, so I pulled out and assembled the home-made Pac-12 I use with my RockMite and BLT+ tuner and hooked it up to the radio (without the BLT+ of course) but to no avail. I still can't get the light to go out. I literally crawled the adjustment on the Load and Tune knobs from one end of their travel to the other and still no luck.
As I tired of pounding salt, I hooked the rig up to my dipole again and ra it through my MFJ Versa Tuner 2, and the light was dimmed by about half. I made a small adjustment on the Versa Tuner and the light went out completely. My question at this point is, could it be the capacitors or could it be the resistor I switched (from the 470 to the 1k)?

Thank you,
Ren

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> First, you can not burn out the LED. (unles you put a 12 volt supply directly across it)
>
> Second, using the BLT tuner takes a lot of practice. The tuning is very sharp and it is easy to miss seeing the LED dim. To complicate the problem, the two controls are very interactive. You often have to de-tune one and retune the other, working back and forth to get the light to go out. You also must have the correct impedance setting.
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> To get the settings in the ball park, first adjust for best signal strength on the reciever. Then make your adustments VERY SLOWLY.
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> G5RV's can be hard to match to and the BLT might not have the range needed to do so. What kind of G5RV do you have? Is it the long 105 foot one or the short 44 foot one and is it feed with ladder line from the rig or changes to coax? The G5RV was designed to be a 20 meter antenna, but will work on 40, though I've found I've had to fuss with the lenght of coax to make a match on 40.
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> The receiver signal should not go up in tune mode, it should go down. If it is going up, then there is something not wired right or shorted out or what you think is tune is really operate.
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> When measuring power, make sure your settings are correct. The tuner and SWR bridge needs to be bypassed. If this is the case and your still getting low power, then you don't have the correct number of turns on the toroids or don't have the wire spaced properly. The

turns should be more or less evenly spaced around the core to start with.
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> Steve
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>
>
>
> While I had the radio hooked up to the Hendricks Dummy Load, I thought I'd check my power out on transmit and I measured my voltage at about 9 volts with key down, equating to about 1 watt out @ 12 volts through a power supply (Bummer). My VOM has a 10M ohm impedance and not the suggested 11M's.
>
>
>
> Well, I think I burned out the LED because it is not lighting at all.
>
>
>
> Could I use any LED or should I order it from Hendricks?
>
>
>
> How would I troubleshoot the Tuner portion?
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> What should I do about the 1 watt output to get it up to the 5 watts out?
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> There's a part of me that just wants to send the radio to you with a check, but there's a bigger part of me which wants help in figuring out how these marvelous little radios work.
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>
> I'd like to have this puppy up and running by the 21st of March as my local club is having a QRP centered picnic and QRP is kind of "laughed at" in the club. I've also seen NG9d's little yellow radio and its capabilities, HA! I wouldn't laugh at what a person could do with QRP.
>
>
>
> Thank you Steve,
>
> Ren
>
> KG4BAS
>

2046. RE: [pfr3_group] Almost done....Question on T3

Yahoo group: pfr3_group
Date: 2011-02-26 21:49:56 UTC
From: N. A. Monllor
Topic: 2043 Message: 2046

I'll be using the binding posts to feed my end fed antennas.

Suspending the T3 coil is nothing more than soldering it a little above the contacts of S9 (so that T3 doesn't touch the contacts of the switch S9).

Hope this helps,

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of briznead
Sent: Saturday, February 26, 2011 4:32 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Almost done....Question on T3

Just about finished and had a quick question about the T3 winding....I understand that the CT (center tap) will be connected to the 6th turn of the 12 turn winding per instructions....The rest seems easy...

The question I have is about the binding posts (BP)....Where do these come into play? How do I suspend the core via the BP....? For some reason, Im a little confused on this....

Thanks
Dave
KC6ZBE

2047. Re: Almost done....Question on T3

Yahoo group: pfr3_group
Date: 2011-02-26 21:56:26 UTC
From: briznead
Topic: 2043 Message: 2047

Yes, Ren, it makes perfect sense...For some reason I couldnt put 2 and 2 together...

Thanks
Dave KC6ZBE

--- In pfr3_group@yahoogroups.com, "N. A. Monllor" <nmonllor@...> wrote:
>
> I'll be using the binding posts to feed my end fed antennas.
>
> Suspending the T3 coil is nothing more than soldering it a little above the
> contacts of S9 (so that T3 doesn't touch the contacts of the switch S9).
>
> Hope this helps,
>
> Ren
>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On
> Behalf Of briznead
> Sent: Saturday, February 26, 2011 4:32 PM
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Almost done....Question on T3
>
>
>
>
>
>
> Just about finished and had a quick question about the T3 winding....I
> understand that the CT (center tap) will be connected to the 6th turn of the
> 12 turn winding per instructions....The rest seems easy...
>
> The question I have is about the binding posts (BP)....Where do these come
> into play? How do I suspend the core via the BP....? For some reason, Im a
> little confused on this....
>
> Thanks
> Dave
> KC6ZBE
>

2048. real big goof again

Yahoo group: pfr3_group
Date: 2011-02-26 23:31:12 UTC
From: baldreyt
Topic: 2048 Message: 2048

Ren thanks but unfortunately there is no way this switch is coming off except in small pieces!

Tom

2049. Hendricks dummy load and PFR-3

Yahoo group: pfr3_group
Date: 2011-02-27 00:50:54 UTC
From: William MacCracken
Topic: 2049 Message: 2049

I would like to measure the power output of my PFR-3 with my Hendricks dummy load. The dummy load manual says, "A digital voltmeter with an 11 Megohm input resistance is needed to make the measurments." I have 2 multimeters. There's no relevant information in the manual for the really cheap one. For the not as cheap one, the specifications list an input impedance of 7.8 MOhm.

Can someone tell me if either or neither of these meters can be used to determine power output in watts using the chart in the dummy load manual? Also, why since the measurement made is DC voltage does the meter used need a 11 Megohm input resistance?

73 Bill W8EI

2050. Re: Hendricks dummy load and PFR-3

Yahoo group: pfr3_group
Date: 2011-02-27 02:36:22 UTC
From: Steven Weber
Topic: 2049 Message: 2050

The load on the detector diode detector to some extent influences the voltage drop across the diode. At very low power levels, this voltage drop will infulence the apparent power you measure.

However, in practice, the change in voltage drop between say a 11 meg load and even a 1 meg load will be pretty much insignificant compared to the natrual variation in voltage drop from device to device, so I wouldn't worry about it.

Figure what ever power you measure, it will only be accurate to about +/- 10%

Steve KD1JV

2051. Re: Hendricks dummy load and PFR-3

Yahoo group: pfr3_group
Date: 2011-02-27 03:11:17 UTC
From: William MacCracken
Topic: 2049 Message: 2051

Great information! Thanks.

73, Bill

2052. Re: [pfr3_group] real big goof again

Yahoo group: pfr3_group
Date: 2011-02-27 03:58:04 UTC
From: Steve Smith
Topic: 2048 Message: 2052

Hi Tom,

There is no need to destroy the switch and then have to wait for one to be shipped by QRP Kits.

Try Solder Wick first. You should be able to wick out almost all of the solder. Then carefully twist the switch pins to break whatever solder connection remains. DONT use a lot of twisting. If the solder connection doesn't break with only gentle twisting, STOP and try something else.

OR

Using an iron with a big tip, blob up a lot of solder around the switch pins. Heat all of the blobs of solder and keep them melted while gently pulling on the switch. Again, if it doesn't come out easily, STOP. The iron doesn't need to be high powered (40W will be fine) as long as it has a BIG tip to hold the heat.

Best of luck with the repair.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "baldreyt" <baldreyt@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] real big goof again
Date: Sat, 26 Feb 2011 23:31:12 -0000

Ren thanks but unfortunately there is no way this switch is coming off except in small pieces!

Tom

2053. RE: [pfr3_group] real big goof

Yahoo group: pfr3_group
Date: 2011-02-27 16:51:21 UTC
From: Dale Putnam
Topic: 2041 Message: 2053

With a lot of patience, and a source for hot air, like an embossing tool, and a lot of patience, one could slowly heat
the board directly over that switch, and very carefully, and slowly, with a lot of patience, remove the switch, then with
all that pent up alacrity, speedily move the switch to the other side of the board, and reinsert it. Of course when the switch comes out.. the hot air is removed. The switch can then be resoldered into place.. and if it doesn't fit into the board very well, that would be a really good time to apply or use the desoldering technique available.
Good Luck,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: w5hns@...
Date: Sat, 26 Feb 2011 13:37:18 -0800
Subject: RE: [pfr3_group] real big goof

I had a very kind soul build my PFR3 for me as I could not overcome procrastination. He confessed to me that he inserted the big chip in backwards but wired the socket backwards to accomodate. Rig works fine.

--- On Sat, 2/26/11, N. A. Monllor <nmonllor@tampabay.rr.com> wrote:

From: N. A. Monllor <nmonllor@...>
Subject: RE: [pfr3_group] real big goof
To: pfr3_group@yahoogroups.com
Date: Saturday, February 26, 2011, 3:31 PM

What I’ve done in the past is, I Dremeled a notch in one of the plastic tips of my solder suckering tool, big enough to fit the soldering tip into and used the tip to melt the solder; then hit the little button on the side of the sucker. It took a couple of tries, but I was able to get the solder out that way. Be patient with it.
What’s funny is, I thought crap like this only happened to me!!
Hope this helps.
Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of baldreyt
Sent: Saturday, February 26, 2011 4:21 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] real big goof

I installed one of the slide switches on the wrong side of the board.
Is there any way of removing this type of switch short of pulling it out in pieces ?

Tom VA6WP

2054. RE: [pfr3_group] real big goof

Yahoo group: pfr3_group
Date: 2011-02-27 19:11:58 UTC
From: Steven Weber
Topic: 2041 Message: 2054

Actually, the best way to remove a part like this is with a good quality solder sucker and an iron which can throughly heat up the pins and solder. But if your lacking the proper tools, you are best off the break apart the switch and remove each pin individually from the board. That is about the only way to ensure you don't damage the plate through holes.

Steve KD1JV

2055. Re: [pfr3_group] real big goof

Yahoo group: pfr3_group
Date: 2011-02-27 21:52:18 UTC
From: arthurok
Topic: 2041 Message: 2055

i agree steve
----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Sunday, February 27, 2011 1:11 PM
Subject: RE: [pfr3_group] real big goof

Actually, the best way to remove a part like this is with a good quality solder sucker and an iron which can throughly heat up the pins and solder. But if your lacking the proper tools, you are best off the break apart the switch and remove each pin individually from the board. That is about the only way to ensure you don't damage the plate through holes.

Steve KD1JV

2056. Finished...but only 1w output

Yahoo group: pfr3_group
Date: 2011-02-28 03:06:55 UTC
From: briznead
Topic: 2056 Message: 2056

Hey guys,
Just finished just about everything today...On air test into a dummy load only produced 1 watt on all 3 bands...I was just happy it worked!

Hooked it up to my 40m dipole and still the same...

Does this sound like I screwd up on winding the cores...? Tried to keep them even and snug as possible...Any ideas? If their is a way to post a picture on here, let me know....

Any other suggestions, Im all ears...

Thanks
Dave KC6ZBE

2057. Re: [pfr3_group] Finished...but only 1w output

Yahoo group: pfr3_group
Date: 2011-02-28 03:54:57 UTC
From: Steve Smith
Topic: 2056 Message: 2057

Is your RF Wattmeter accurate at QRP levels?

Are you operating the rig in the "Coax" switch position or "BLT"?

Did you inadvertently leave the 'Tune-Operate' switch in "Tune"?

What is your power source (voltage and type)? Have you made certain it's not 'sagging' under the load of the transmitter?

What is the current drawn (in mA) by the rig in transmit? (continuous carrier)

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "briznead" <briznead@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Finished...but only 1w output
Date: Mon, 28 Feb 2011 03:06:55 -0000

Hey guys,
Just finished just about everything today...On air test into a dummy load only produced 1 watt on all 3 bands...I was just happy it worked!

Hooked it up to my 40m dipole and still the same...

Does this sound like I screwd up on winding the cores...? Tried to keep them even and snug as possible...Any ideas? If their is a way to post a picture on here, let me know....

Any other suggestions, Im all ears...

Thanks
Dave KC6ZBE

Yahoo! Groups Links

2058. RE: [pfr3_group] Finished...but only 1w output

Yahoo group: pfr3_group
Date: 2011-02-28 04:04:27 UTC
From: N. A. Monllor
Topic: 2056 Message: 2058

I'm in the exact same boat.

Tell me, were you able tune it using the BLT?

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steve Smith
Sent: Sunday, February 27, 2011 10:55 PM
To: pfr3_group@yahoogroups.com
Cc: briznead@...
Subject: Re: [pfr3_group] Finished...but only 1w output

Is your RF Wattmeter accurate at QRP levels?

Are you operating the rig in the "Coax" switch position or "BLT"?

Did you inadvertently leave the 'Tune-Operate' switch in "Tune"?

What is your power source (voltage and type)? Have you made certain it's not 'sagging' under the load of the transmitter?

What is the current drawn (in mA) by the rig in transmit? (continuous carrier)

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "briznead" <briznead@... <mailto:briznead%40yahoo.com> >
To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
Subject: [pfr3_group] Finished...but only 1w output
Date: Mon, 28 Feb 2011 03:06:55 -0000

Hey guys,
Just finished just about everything today...On air test into a dummy load only produced 1 watt on all 3 bands...I was just happy it worked!

Hooked it up to my 40m dipole and still the same...

Does this sound like I screwd up on winding the cores...? Tried to keep them even and snug as possible...Any ideas? If their is a way to post a picture on here, let me know....

Any other suggestions, Im all ears...

Thanks
Dave KC6ZBE

Yahoo! Groups Links

2059. Re: Finished...but only 1w output

Yahoo group: pfr3_group
Date: 2011-02-28 06:15:05 UTC
From: briznead
Topic: 2056 Message: 2059

Steve,
I should have clarified what Im doing...
Operating in "Coax" position....Running on battery supply (8 brand new AA's)...Also in "Oper" position...

BNC on the back is attached to coax that runs to my tuner but that has outputs for my 40m dipole and my 20-10m beam....The tuner is set to "bypass" so it is a direct route....

40m= 1w
20m= 1w

I dont have anything that operates on 30m at the moment...

Will try to trouble shoot more in the morning...

Dave KC6ZBE

-- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Is your RF Wattmeter accurate at QRP levels?
>
> Are you operating the rig in the "Coax" switch position or "BLT"?
>
> Did you inadvertently leave the 'Tune-Operate' switch in "Tune"?
>
> What is your power source (voltage and type)? Have you made certain it's not 'sagging' under the load of the transmitter?
>
> What is the current drawn (in mA) by the rig in transmit? (continuous carrier)
>
> 73.......Steve Smith WB6TNL
>
>
>
> ---------- Original Message ----------
> From: "briznead" <briznead@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Finished...but only 1w output
> Date: Mon, 28 Feb 2011 03:06:55 -0000
>
> Hey guys,
> Just finished just about everything today...On air test into a dummy load only produced 1 watt on all 3 bands...I was just happy it worked!
>
> Hooked it up to my 40m dipole and still the same...
>

> Does this sound like I screwd up on winding the cores...? Tried to keep them even and snug as possible...Any ideas? If their is a way to post a picture on here, let me know....
>
> Any other suggestions, Im all ears...
>
> Thanks
> Dave KC6ZBE
>
>
>
> ---
>
> Yahoo! Groups Links
>

2060. Re: [pfr3_group] Finished...but only 1w output

Yahoo group: pfr3_group
Date: 2011-02-28 08:10:21 UTC
From: arthurok
Topic: 2056 Message: 2060

yes 1 watt is about right output on the "tune" position.
----- Original Message -----
From: Steve Smith
To: pfr3_group@yahoogroups.com
Cc: briznead@...
Sent: Sunday, February 27, 2011 9:54 PM
Subject: Re: [pfr3_group] Finished...but only 1w output

Is your RF Wattmeter accurate at QRP levels?

Are you operating the rig in the "Coax" switch position or "BLT"?

Did you inadvertently leave the 'Tune-Operate' switch in "Tune"?

What is your power source (voltage and type)? Have you made certain it's not 'sagging' under the load of the transmitter?

What is the current drawn (in mA) by the rig in transmit? (continuous carrier)

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "briznead" <briznead@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Finished...but only 1w output
Date: Mon, 28 Feb 2011 03:06:55 -0000

Hey guys,
Just finished just about everything today...On air test into a dummy load only produced 1 watt on all 3 bands...I was just happy it worked!

Hooked it up to my 40m dipole and still the same...

Does this sound like I screwd up on winding the cores...? Tried to keep them even and snug as possible...Any ideas? If their is a way to post a picture on here, let me know....

Any other suggestions, Im all ears...

Thanks
Dave KC6ZBE

Yahoo! Groups Links

2061. Success!!

Yahoo group: pfr3_group
Date: 2011-02-28 16:15:07 UTC
From: briznead
Topic: 2056 Message: 2061

Well, I got to thinking...Only 1w on all bands doesnt sound like a winding issue...S7 is a 3 position switch...When I had the switch all the way to the right (for operate) nothing happened...Looking deeper into the manual, it had mentioned that the left two postion on the switch are the same...So, I took a look at the board and their it was...

I had forgot to solder the 2 pins on S7 for the switch to work in the "operate" mode....After soldering, it now puts out the following:

40m= 4w
30m= 4w
20m= 5w

So, I am a happy camper..!

Thanks for the help, guys
73 de Dave KC6ZBE

--- In pfr3_group@yahoogroups.com, "arthurok" <arthurok@...> wrote:
>
> yes 1 watt is about right output on the "tune" position.
> ----- Original Message -----
> From: Steve Smith
> To: pfr3_group@yahoogroups.com
> Cc: briznead@...
> Sent: Sunday, February 27, 2011 9:54 PM
> Subject: Re: [pfr3_group] Finished...but only 1w output
>
>
>
> Is your RF Wattmeter accurate at QRP levels?
>
> Are you operating the rig in the "Coax" switch position or "BLT"?
>
> Did you inadvertently leave the 'Tune-Operate' switch in "Tune"?
>
> What is your power source (voltage and type)? Have you made certain it's not 'sagging' under the load of the transmitter?
>
> What is the current drawn (in mA) by the rig in transmit? (continuous carrier)
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "briznead" <briznead@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Finished...but only 1w output

> Date: Mon, 28 Feb 2011 03:06:55 -0000
>
> Hey guys,
> Just finished just about everything today...On air test into a dummy load only produced 1 watt on all 3 bands...I was just happy it worked!
>
> Hooked it up to my 40m dipole and still the same...
>
> Does this sound like I screwd up on winding the cores...? Tried to keep them even and snug as possible...Any ideas? If their is a way to post a picture on here, let me know....
>
> Any other suggestions, Im all ears...
>
> Thanks
> Dave KC6ZBE
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2062. RE: [pfr3_group] Success!!

Yahoo group: pfr3_group
Date: 2011-02-28 16:19:02 UTC
From: Dale Putnam
Topic: 2056 Message: 2062

Way to go Dave!!

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: briznead@...
Date: Mon, 28 Feb 2011 16:15:07 +0000
Subject: [pfr3_group] Success!!

Well, I got to thinking...Only 1w on all bands doesnt sound like a winding issue...S7 is a 3 position switch...When I had the switch all the way to the right (for operate) nothing happened...Looking deeper into the manual, it had mentioned that the left two postion on the switch are the same...So, I took a look at the board and their it was...

I had forgot to solder the 2 pins on S7 for the switch to work in the "operate" mode....After soldering, it now puts out the following:

40m= 4w
30m= 4w
20m= 5w

So, I am a happy camper..!

Thanks for the help, guys
73 de Dave KC6ZBE

--- In pfr3_group@yahoogroups.com, "arthurok" <arthurok@...> wrote:
>
> yes 1 watt is about right output on the "tune" position.
> ----- Original Message -----
> From: Steve Smith
> To: pfr3_group@yahoogroups.com
> Cc: briznead@...
> Sent: Sunday, February 27, 2011 9:54 PM
> Subject: Re: [pfr3_group] Finished...but only 1w output
>
>
>
> Is your RF Wattmeter accurate at QRP levels?
>
> Are you operating the rig in the "Coax" switch position or "BLT"?
>
> Did you inadvertently leave the 'Tune-Operate' switch in "Tune"?
>
> What is your power source (voltage and type)? Have you made certain it's not 'sagging' under the load of the transmitter?
>

> What is the current drawn (in mA) by the rig in transmit? (continuous carrier)
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "briznead" <briznead@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Finished...but only 1w output
> Date: Mon, 28 Feb 2011 03:06:55 -0000
>
> Hey guys,
> Just finished just about everything today...On air test into a dummy load only produced 1 watt on all 3 bands...I was just happy it worked!
>
> Hooked it up to my 40m dipole and still the same...
>
> Does this sound like I screwd up on winding the cores...? Tried to keep them even and snug as possible...Any ideas? If their is a way to post a picture on here, let me know....
>
> Any other suggestions, Im all ears...
>
> Thanks
> Dave KC6ZBE
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2063. Re: [pfr3_group] Success!!

Yahoo group: pfr3_group
Date: 2011-02-28 16:22:00 UTC
From: ckwishmeier@cs.com
Topic: 2056 Message: 2063

Congratulations, Dave!

Keith
WA9S

-----Original Message-----
From: briznead <briznead@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Feb 28, 2011 11:15 am
Subject: [pfr3_group] Success!!

Well, I got to thinking...Only 1w on all bands doesnt sound like a winding issue...S7 is a 3 position switch...When I had the switch all the way to the right (for operate) nothing happened...Looking deeper into the manual, it had mentioned that the left two postion on the switch are the same...So, I took a look at the board and their it was...

I had forgot to solder the 2 pins on S7 for the switch to work in the "operate" mode....After soldering, it now puts out the following:

40m= 4w
30m= 4w
20m= 5w

So, I am a happy camper..!

Thanks for the help, guys
73 de Dave KC6ZBE

--- In pfr3_group@yahoogroups.com, "arthurok" <arthurok@...> wrote:
>
> yes 1 watt is about right output on the "tune" position.
> ----- Original Message -----
> From: Steve Smith
> To: pfr3_group@yahoogroups.com
> Cc: briznead@...
> Sent: Sunday, February 27, 2011 9:54 PM
> Subject: Re: [pfr3_group] Finished...but only 1w output
>
>
>
> Is your RF Wattmeter accurate at QRP levels?
>
> Are you operating the rig in the "Coax" switch position or "BLT"?
>
> Did you inadvertently leave the 'Tune-Operate' switch in "Tune"?
>
> What is your power source (voltage and type)? Have you made certain it's not 'sagging'

under the load of the transmitter?
>
> What is the current drawn (in mA) by the rig in transmit? (continuous carrier)
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "briznead" <briznead@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Finished...but only 1w output
> Date: Mon, 28 Feb 2011 03:06:55 -0000
>
> Hey guys,
> Just finished just about everything today...On air test into a dummy load only produced 1 watt on all 3 bands...I was just happy it worked!
>
> Hooked it up to my 40m dipole and still the same...
>
> Does this sound like I screwd up on winding the cores...? Tried to keep them even and snug as possible...Any ideas? If their is a way to post a picture on here, let me know....
>
> Any other suggestions, Im all ears...
>
> Thanks
> Dave KC6ZBE
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2064. Re: [pfr3_group] Success!!

Yahoo group: pfr3_group
Date: 2011-02-28 16:23:24 UTC
From: Steve Smith
Topic: 2056 Message: 2064

Congratulations Dave and good troubleshooting!

Now, lets hear some operating reports!

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "briznead" <briznead@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Success!!
Date: Mon, 28 Feb 2011 16:15:07 -0000

I had forgot to solder the 2 pins on S7 for the switch to work in the "operate"
mode....After soldering, it now puts out the following:

40m= 4w
30m= 4w
20m= 5w

So, I am a happy camper..!

Thanks for the help, guys
73 de Dave KC6ZBE

2065. Re: Success!!

Yahoo group: pfr3_group
Date: 2011-02-28 17:35:22 UTC
From: briznead
Topic: 2056 Message: 2065

Thanks again, guys...!

Just had a QSO with KG6MU in Palm Coast, FL on 20m...My RST was 569...Not too shabby with only 5 watts from Houston, TX..Such a joy to get an answer after sending out that first CQ on this rig...Ive never operated QRP before...Im hooked, now!!

Now it's time to put the decals on and the rest of the knobs...

One thing I noticed, the external power receptacle doesnt fit the hole on the case...Seems like it is blocked by the threads...

Dave
KC6ZBE

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Congratulations Dave and good troubleshooting!
>
> Now, lets hear some operating reports!
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "briznead" <briznead@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Success!!
> Date: Mon, 28 Feb 2011 16:15:07 -0000
>
> I had forgot to solder the 2 pins on S7 for the switch to work in the "operate" mode....After soldering, it now puts out the following:
>
> 40m= 4w
> 30m= 4w
> 20m= 5w
>
> So, I am a happy camper..!
>
> Thanks for the help, guys
> 73 de Dave KC6ZBE
>

2066. Re: [pfr3_group] Re: Success!!

Yahoo group: pfr3_group
Date: 2011-02-28 17:58:22 UTC
From: Carey Magee (K2RNY)
Topic: 2056 Message: 2066

Hi Dave:

I came across this exact issue. I was able to widen the hole with my drill press. Caution is the word here. Go slow no matter what method you use.

PFR-3A is a great rig. I also get 4,4 and 5 watts out on mine. Hope to work you in the future.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

----- "briznead" <briznead@...> wrote:

Thanks again, guys...!

Just had a QSO with KG6MU in Palm Coast, FL on 20m...My RST was 569...Not too shabby with only 5 watts from Houston, TX..Such a joy to get an answer after sending out that first CQ on this rig...Ive never operated QRP before...Im hooked, now!!

Now it's time to put the decals on and the rest of the knobs...

One thing I noticed, the external power receptacle doesnt fit the hole on the case...Seems like it is blocked by the threads...

Dave
KC6ZBE

--- In pfr3_group@yahoogroups.com , "Steve Smith" <sigcom@...> wrote:
>
> Congratulations Dave and good troubleshooting!
>
> Now, lets hear some operating reports!
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "briznead" <briznead@...>

> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Success!!
> Date: Mon, 28 Feb 2011 16:15:07 -0000
>
> I had forgot to solder the 2 pins on S7 for the switch to work in the "operate" mode....After soldering, it now puts out the following:
>
> 40m= 4w
> 30m= 4w
> 20m= 5w
>
> So, I am a happy camper..!
>
> Thanks for the help, guys
> 73 de Dave KC6ZBE
>

2067. Re: [pfr3_group] Re: Success!!

Yahoo group: pfr3_group
Date: 2011-02-28 17:57:53 UTC
From: Steve Smith
Topic: 2056 Message: 2067

That's great news Dave!

The problem with the power connector fit is likely interference from paint buildup on the inside of the hole.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "briznead" <briznead@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Success!!
Date: Mon, 28 Feb 2011 17:35:22 -0000

Thanks again, guys...!

Just had a QSO with KG6MU in Palm Coast, FL on 20m...My RST was 569...Not too shabby with only 5 watts from Houston, TX..Such a joy to get an answer after sending out that first CQ on this rig...Ive never operated QRP before...Im hooked, now!!

Now it's time to put the decals on and the rest of the knobs...

One thing I noticed, the external power receptacle doesnt fit the hole on the case...Seems like it is blocked by the threads...

Dave
KC6ZBE

2068. RE: [pfr3_group] Re: Success!!

Yahoo group: pfr3_group
Date: 2011-02-28 18:06:20 UTC
From: N. A. Monllor
Topic: 2056 Message: 2068

Congratulations Dave!!

God job!!!

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of briznead
Sent: Monday, February 28, 2011 12:35 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Success!!

Thanks again, guys...!

Just had a QSO with KG6MU in Palm Coast, FL on 20m...My RST was 569...Not too shabby with only 5 watts from Houston, TX..Such a joy to get an answer after sending out that first CQ on this rig...Ive never operated QRP before...Im hooked, now!!

Now it's time to put the decals on and the rest of the knobs...

One thing I noticed, the external power receptacle doesnt fit the hole on the case...Seems like it is blocked by the threads...

Dave
KC6ZBE

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , "Steve Smith" <sigcom@...> wrote:
>
> Congratulations Dave and good troubleshooting!
>
> Now, lets hear some operating reports!
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "briznead" <briznead@...>
> To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
> Subject: [pfr3_group] Success!!
> Date: Mon, 28 Feb 2011 16:15:07 -0000
>
> I had forgot to solder the 2 pins on S7 for the switch to work in the "operate" mode....After soldering, it now puts out the following:
>
> 40m= 4w
> 30m= 4w

> 20m= 5w
>
> So, I am a happy camper..!
>
> Thanks for the help, guys
> 73 de Dave KC6ZBE
>

2069. RE: [pfr3_group] Re: Success!!

Yahoo group: pfr3_group
Date: 2011-02-28 20:28:46 UTC
From: Dale Putnam
Topic: 2056 Message: 2069

Some of the cases have just a touch extra paint in the holes, a quick brushing with the round file.. will make it all better..
And if you have a tap and die set, running the threads clean on the case screws makes those work lots better too.
Congratulations,
Qrp rocks!!

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Mon, 28 Feb 2011 13:06:20 -0500
Subject: RE: [pfr3_group] Re: Success!!

Congratulations Dave!!
God job!!!
Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of briznead
Sent: Monday, February 28, 2011 12:35 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Success!!

Thanks again, guys...!

Just had a QSO with KG6MU in Palm Coast, FL on 20m...My RST was 569...Not too shabby with only 5 watts from Houston, TX..Such a joy to get an answer after sending out that first CQ on this rig...Ive never operated QRP before...Im hooked, now!!

Now it's time to put the decals on and the rest of the knobs...

One thing I noticed, the external power receptacle doesnt fit the hole on the case...Seems like it is blocked by the threads...

Dave
KC6ZBE

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Congratulations Dave and good troubleshooting!
>
> Now, lets hear some operating reports!
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "briznead" <briznead@...>

> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Success!!
> Date: Mon, 28 Feb 2011 16:15:07 -0000
>
> I had forgot to solder the 2 pins on S7 for the switch to work in the "operate" mode....After soldering, it now puts out the following:
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> 40m= 4w
> 30m= 4w
> 20m= 5w
>
> So, I am a happy camper..!
>
> Thanks for the help, guys
> 73 de Dave KC6ZBE
>

2070. Re: Success!!

Yahoo group: pfr3_group
Date: 2011-03-01 00:17:09 UTC
From: briznead
Topic: 2056 Message: 2070

Will give that shot soon....Thanks Dale....

Went and bought some 18 gauge insulated wire and cut 34ft of it and installed a bannana plug on one end and a fishing weight on the other and tossed it up in the tree....Counterpoise was about 15ft of wire thrown on the floor....

The BLT works GREAT! I thought it was going to take a lot of work to get a match but it really went pretty smooth...Made a contact to Tuscon, AZ on 20m....Switched over to 30meters and lots of DX activity going on...Tried and tried to get through to SB9CVQ but couldnt bust through....Started getting cool outside so packed it up and headed in....

This little box is so much fun!

Dave
KC6ZBE
--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Some of the cases have just a touch extra paint in the holes, a quick brushing with the round file.. will make it all better..
> And if you have a tap and die set, running the threads clean on the case screws makes those work lots better too.
> Congratulations,
> Qrp rocks!!
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: nmonllor@...
> Date: Mon, 28 Feb 2011 13:06:20 -0500
> Subject: RE: [pfr3_group] Re: Success!!
>
>
>
>
>
>
>
>
>
> Congratulations Dave!!
> God job!!!
> Ren

>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of briznead
> Sent: Monday, February 28, 2011 12:35 PM
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Success!!
>
>
>
>
>
> Thanks again, guys...!
>
> Just had a QSO with KG6MU in Palm Coast, FL on 20m...My RST was 569...Not too shabby with only 5 watts from Houston, TX..Such a joy to get an answer after sending out that first CQ on this rig...Ive never operated QRP before...Im hooked, now!!
>
> Now it's time to put the decals on and the rest of the knobs...
>
> One thing I noticed, the external power receptacle doesnt fit the hole on the case...Seems like it is blocked by the threads...
>
> Dave
> KC6ZBE
>
> --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:
> >
> > Congratulations Dave and good troubleshooting!
> >
> > Now, lets hear some operating reports!
> >
> > 73.......Steve Smith WB6TNL
> >
> > ---------- Original Message ----------
> > From: "briznead" <briznead@>
> > To: pfr3_group@yahoogroups.com
> > Subject: [pfr3_group] Success!!
> > Date: Mon, 28 Feb 2011 16:15:07 -0000
> >
> > I had forgot to solder the 2 pins on S7 for the switch to work in the "operate" mode....After soldering, it now puts out the following:
> >
> > 40m= 4w
> > 30m= 4w
> > 20m= 5w
> >
> > So, I am a happy camper..!
> >

> > Thanks for the help, guys
> > 73 de Dave KC6ZBE
> >
>

2071. RE: [pfr3_group] Re: Success!!

Yahoo group: pfr3_group
Date: 2011-03-01 01:12:33 UTC
From: Dale Putnam
Topic: 2056 Message: 2071

OH good Dave, you're going to love that Brighty Yellow Fellow. It is so much fun.
Good luck, maybe we'll catch a 3 - 3 Q one of these days,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: briznead@yahoo.com
Date: Tue, 1 Mar 2011 00:17:09 +0000
Subject: [pfr3_group] Re: Success!!

Will give that shot soon....Thanks Dale....

Went and bought some 18 gauge insulated wire and cut 34ft of it and installed a bannana plug on one end and a fishing weight on the other and tossed it up in the tree....Counterpoise was about 15ft of wire thrown on the floor....

The BLT works GREAT! I thought it was going to take a lot of work to get a match but it really went pretty smooth...Made a contact to Tuscon, AZ on 20m....Switched over to 30meters and lots of DX activity going on...Tried and tried to get through to SB9CVQ but couldnt bust through....Started getting cool outside so packed it up and headed in....

This little box is so much fun!

Dave
KC6ZBE
--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Some of the cases have just a touch extra paint in the holes, a quick brushing with the round file.. will make it all better..
> And if you have a tap and die set, running the threads clean on the case screws makes those work lots better too.
> Congratulations,
> Qrp rocks!!
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: nmonllor@...
> Date: Mon, 28 Feb 2011 13:06:20 -0500
> Subject: RE: [pfr3_group] Re: Success!!
>
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>
> Congratulations Dave!!
> God job!!!
> Ren
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>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of briznead
> Sent: Monday, February 28, 2011 12:35 PM
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Success!!
>
>
>
>
>
> Thanks again, guys...!
>
> Just had a QSO with KG6MU in Palm Coast, FL on 20m...My RST was 569...Not too shabby with only 5 watts from Houston, TX..Such a joy to get an answer after sending out that first CQ on this rig...Ive never operated QRP before...Im hooked, now!!
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> One thing I noticed, the external power receptacle doesnt fit the hole on the case...Seems like it is blocked by the threads...
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> Dave
> KC6ZBE
>
> --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:
> >
> > Congratulations Dave and good troubleshooting!
> >
> > Now, lets hear some operating reports!
> >
> > 73.......Steve Smith WB6TNL
> >
> > ---------- Original Message ----------
> > From: "briznead" <briznead@>
> > To: pfr3_group@yahoogroups.com
> > Subject: [pfr3_group] Success!!
> > Date: Mon, 28 Feb 2011 16:15:07 -0000
> >

> > I had forgot to solder the 2 pins on S7 for the switch to work in the "operate" mode....After soldering, it now puts out the following:
> >
> > 40m= 4w
> > 30m= 4w
> > 20m= 5w
> >
> > So, I am a happy camper..!
> >
> > Thanks for the help, guys
> > 73 de Dave KC6ZBE
> >
>

2072. SCAF filter

Yahoo group: pfr3_group
Date: 2011-03-01 04:55:53 UTC
From: MAXXOUT2@AOL.COM
Topic: 2072 Message: 2072

I no longer need this unit.
It works very well and if you live in a high QRM area this will let you null out most of the QRM.
At 1 time I was very impressed and recorded how much better this worked on my FT 817-D with a CW filter.
I phoned in the recording to Idiom press.
The unit is the Idiom Press SCAF filter
You can read about it on Eham
http://www.eham.net/reviews/detail/3075
(http://www.eham.net/reviews/detail/3075)
No cables or paper work since I always operate all my gear from 12 volt batteries.
This SCAF filter is a must especially for CW OP's
Also this is factory built.
$60.00 Shipped to your door.
Contact me off list.
No pay pal so a Postal money order will work fine
BOB
AF2Q

2073. Re: [pfr3_group] SCAF filter

Yahoo group: pfr3_group
Date: 2011-03-01 20:45:18 UTC
From: arthurok
Topic: 2072 Message: 2073

http://idiompress.com/scaf-1.php

ive had one that i purchased as a kit an assembled
the kit is well made and works well.
our pfr3s have a very tight filter + a simple audio filter.
on something like the drake tr4 that i had used it on the scaf works very well
i also used it on my tr7.
the pfr3 has very sharp filtering.
its a mixed blessing when band crusing.
my kenwood 950sd has a scaf filter on the secondary reciver.
$60 is a good price for an assembled unit with shipping thrown in and its a factory built unit too
"$135 from idion" my construction workmanship is fairly good
i have purchased kits that wernt very well constructed .
----- Original Message -----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Sent: Monday, February 28, 2011 10:55 PM
Subject: [pfr3_group] SCAF filter

I no longer need this unit.
It works very well and if you live in a high QRM area this will let you null out most of the QRM.
At 1 time I was very impressed and recorded how much better this worked on my FT 817-D with a CW filter.
I phoned in the recording to Idiom press.
The unit is the Idiom Press SCAF filter
You can read about it on Eham
http://www.eham.net/reviews/detail/3075
No cables or paper work since I always operate all my gear from 12 volt batteries.
This SCAF filter is a must especially for CW OP's
Also this is factory built.
$60.00 Shipped to your door.
Contact me off list.
No pay pal so a Postal money order will work fine
BOB
AF2Q

2074. Re: [pfr3_group] SCAF filter

Yahoo group: pfr3_group
Date: 2011-03-01 22:01:46 UTC
From: MAXXOUT2@AOL.COM
Topic: 2072 Message: 2074

No problem,.
You didn't make me lose the sale
BTW,As four your filters check the specs
BOB
AF2Q

In a message dated 3/1/2011 12:45:36 P.M. Pacific Standard Time,
arthurok@... writes:

my kenwood 950sd has a scaf filter on the secondary reciver.
$60 is a good price for an assembled unit with shipping thrown in and
its a factory built unit too
"$135 from idion" my construction workmanship is fairly good
i have purchased kits that wernt very well constructed

2075. real big goof ad nausium

Yahoo group: pfr3_group
Date: 2011-03-02 00:01:03 UTC
From: baldreyt
Topic: 2075 Message: 2075

Thanks Steve that is what I did. pulled the switch apart one pin at a time. now all I need is a replacement. Where do I get a new switch?
Doug hendriks is not returning my emails. He still owes me a battery status indicator kit.

Yours truly
Tom Va6wp

2076. Re: [pfr3_group] real big goof ad nausium

Yahoo group: pfr3_group
Date: 2011-03-02 01:31:44 UTC
From: Steven Weber
Topic: 2075 Message: 2076

He'll get back to you eventually - it can take awhile for him to catch up with all the demands on his time, being a school teacher and all..

Thanks Steve that is what I did. pulled the switch apart one pin at a time. now all I need is a replacement. Where do I get a new switch?
Doug hendriks is not returning my emails. He still owes me a battery status indicator kit.

Yours truly
Tom Va6wp

2077. Power for the PFR-3

Yahoo group: pfr3_group
Date: 2011-03-02 15:53:52 UTC
From: Richard Powers
Topic: 2077 Message: 2077

What do most of you PFR-3 owners use to power your PFR-3?
I will only use mine at home. I am 75 so my Camping days are long gone.
I know Batteries are one option, but I may want to use something else.
Thanks, Dick

2078. RE: [pfr3_group] Power for the PFR-3

Yahoo group: pfr3_group
Date: 2011-03-02 16:05:00 UTC
From: Dale Putnam
Topic: 2077 Message: 2078

Hi Dick,
I've used some of hte "larger" wall warts... that are regulated and are clean, not noisy or have a high hum, that most of the smaller ones do... however, to me.. the most fun is with a small solar charger, and batteries. Otherwise, I also use the station's 12V rail. That is a large dc regulated supply feeding a distribution system for all of the 12v stuff that needs power at different times.
And.. once in a while... I'll use a 9v battery, especially one that is deemed to be "dead"... and aimed at the trash can,...
then I take it.. and use it to talk to...?? And sometimes.. if it is an "ornery" day....
I'll report back that the "dead" battery talked all the way to..... :0)

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: powers_richard@...
Date: Wed, 2 Mar 2011 07:53:52 -0800
Subject: [pfr3_group] Power for the PFR-3

What do most of you PFR-3 owners use to power your PFR-3?
I will only use mine at home. I am 75 so my Camping days are long gone.
I know Batteries are one option, but I may want to use something else.
Thanks, Dick

2079. Re: [pfr3_group] Power for the PFR-3

Yahoo group: pfr3_group
Date: 2011-03-02 21:36:37 UTC
From: ckwishmeier@cs.com
Topic: 2077 Message: 2079

Dick,

I just usually use a 12V gel cell both in the shack and when out in the field. It is easy to charge, lasts a very long time at 5 watts and is very "clean."

Keith
WA9S

-----Original Message-----
From: Richard Powers <powers_richard@...>
To: PF3 Group QRP <pfr3_group@yahoogroups.com>
Sent: Wed, Mar 2, 2011 10:54 am
Subject: [pfr3_group] Power for the PFR-3

What do most of you PFR-3 owners use to power your PFR-3?
I will only use mine at home. I am 75 so my Camping days are long gone.
I know Batteries are one option, but I may want to use something else.
Thanks, Dick

2080. Re: [pfr3_group] Power for the PFR-3

Yahoo group: pfr3_group
Date: 2011-03-02 22:06:55 UTC
From: Richard Powers
Topic: 2077 Message: 2080

HI Keith;
Tell me more. Where can I get these Gel Cells? What do you need to re-charge them? I don't imagine just anybody carries them.
I should be getting my radio any day now and to start with I'm sure I will use batteries. It may even come with Batteries I don't know.
Anyway, I'll see when it gets here.
Dick

From: "ckwishmeier@..." <ckwishmeier@...>
To: pfr3_group@yahoogroups.com
Sent: Wed, March 2, 2011 3:36:37 PM
Subject: Re: [pfr3_group] Power for the PFR-3

Dick,

I just usually use a 12V gel cell both in the shack and when out in the field. It is easy to charge, lasts a very long time at 5 watts and is very "clean."

Keith
WA9S

-----Original Message-----
From: Richard Powers <powers_richard@...>
To: PF3 Group QRP <pfr3_group@yahoogroups.com>
Sent: Wed, Mar 2, 2011 10:54 am
Subject: [pfr3_group] Power for the PFR-3

What do most of you PFR-3 owners use to power your PFR-3?
I will only use mine at home. I am 75 so my Camping days are long gone.
I know Batteries are one option, but I may want to use something else.
Thanks, Dick

2081. Re: Power for the PFR-3

Yahoo group: pfr3_group
Date: 2011-03-03 00:39:08 UTC
From: ad1os808
Topic: 2077 Message: 2081

Either the main 12v on the bench, or my solar charged batteries.
I also have a bunch of 12V-7AH sealed batteries that I get from an alarm system tech. They changeout several a week as part of PMing the systems. They're about 2.5 x 3.5 x 6 inches and have 1/4 faston terminals. I charge those off the solar system. I know it's not the best way, but they didn't cost me a lot.
Mike AD1OS

--- In pfr3_group@yahoogroups.com, Richard Powers <powers_richard@...> wrote:
>
> What do most of you PFR-3 owners use to power your PFR-3?
> I will only use mine at home. I am 75 so my Camping days are long gone.
> I know Batteries are one option, but I may want to use something else.
> Thanks, Dick
>

2082. RE: [pfr3_group] Power for the PFR-3

Yahoo group: pfr3_group
Date: 2011-03-03 00:39:18 UTC
From: Jerry Haigwood
Topic: 2077 Message: 2082

Richard,

Here is the external battery and charger I use. The PFR-3 can also be run off the AA internal batteries.

Battery is 12V @7.2A and cost is $13.40.

http://www.gruberpower.com/gruberpower/advertising/batteries/cutsheets/UPS-58-GPS-1270.asp

1A Charger is here at $15.99

http://www.gruberpower.com/gruberpower/advertising/batteries/cutsheets/55-805000.asp

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Richard Powers
Sent: Wednesday, March 02, 2011 4:07 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Power for the PFR-3

HI Keith;

Tell me more. Where can I get these Gel Cells? What do you need to re-charge them? I don't imagine just anybody carries them.

I should be getting my radio any day now and to start with I'm sure I will use batteries. It may even come with Batteries I don't know.

Anyway, I'll see when it gets here.

Dick

From: "ckwishmeier@cs.com" <ckwishmeier@...>
To: pfr3_group@yahoogroups.com
Sent: Wed, March 2, 2011 3:36:37 PM
Subject: Re: [pfr3_group] Power for the PFR-3

Dick,

I just usually use a 12V gel cell both in the shack and when out in the field. It is easy to charge, lasts a very long time at 5 watts and is very "clean."

Keith

WA9S

-----Original Message-----
From: Richard Powers <powers_richard@...>
To: PF3 Group QRP <pfr3_group@yahoogroups.com>
Sent: Wed, Mar 2, 2011 10:54 am
Subject: [pfr3_group] Power for the PFR-3

What do most of you PFR-3 owners use to power your PFR-3?

I will only use mine at home. I am 75 so my Camping days are long gone.

I know Batteries are one option, but I may want to use something else.

Thanks, Dick

2083. RE: [pfr3_group] Re: Power for the PFR-3

Yahoo group: pfr3_group
Date: 2011-03-03 00:52:14 UTC
From: N. A. Monllor
Topic: 2077 Message: 2083

Mike,

I don't know squat about solar power for QRP rigs. Could you give me some info on it or a link please?

Thank you,

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ad1os808
Sent: Wednesday, March 02, 2011 7:39 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Power for the PFR-3

Either the main 12v on the bench, or my solar charged batteries.
I also have a bunch of 12V-7AH sealed batteries that I get from an alarm system tech. They changeout several a week as part of PMing the systems. They're about 2.5 x 3.5 x 6 inches and have 1/4 faston terminals. I charge those off the solar system. I know it's not the best way, but they didn't cost me a lot.
Mike AD1OS

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , Richard Powers <powers_richard@...> wrote:
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> What do most of you PFR-3 owners use to power your PFR-3?
> I will only use mine at home. I am 75 so my Camping days are long gone.
> I know Batteries are one option, but I may want to use something else.
> Thanks, Dick
>

2084. Re: [pfr3_group] Re: Power for the PFR-3

Yahoo group: pfr3_group
Date: 2011-03-03 02:01:32 UTC
From: Larry Makoski
Topic: 2077 Message: 2084

Here's a link to a good charger kit. It can be used with a solar cell
or a wall wart:

http://acmeqrp.com/

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

2085. Re: Power for the PFR-3

Yahoo group: pfr3_group
Date: 2011-03-03 03:15:57 UTC
From: ad1os808
Topic: 2077 Message: 2085

GE Ren - My solar/battery system is a fixed one, on the roof of the radio shed. It isn't a portable system. The link that W2LJ posted is a good start. There are a few QRPers out there that have done a lot of building and operating different panel/controller/battery systems. Try searching "solar portable qrp" lotsa hits.
Mike AD1OS

--- In pfr3_group@yahoogroups.com, "N. A. Monllor" <nmonllor@...> wrote:
>
> Mike,
>
> I don't know squat about solar power for QRP rigs. Could you give me some
> info on it or a link please?
>
> Thank you,
>
> Ren
>
>
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> >
>
>
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>
>
> >

2086. Re: Power for the PFR-3

Yahoo group: pfr3_group
Date: 2011-03-03 15:16:10 UTC
From: wb9dlc
Topic: 2077 Message: 2086

Dick

The key is, don't use a poorly regulated 12v wal-wart that puts out more than 12v.

I found some high end AC Supplies at a ham fast - Sony MPA-AC1. I've been using it since day one.

I see that you can buy them online (Google sony mpa ac1) :

http://www.usadapter.com/LCD-AC-Adapters/4708.html?gclid=CIjyn7TWsqcCFYjsKgodLxrBBQ

You just need to put the correct connector on it.

Mike / WB9DLC

--- In pfr3_group@yahoogroups.com, Richard Powers <powers_richard@...> wrote:
>
> What do most of you PFR-3 owners use to power your PFR-3?
> I will only use mine at home. I am 75 so my Camping days are long gone.
> I know Batteries are one option, but I may want to use something else.
> Thanks, Dick
>

2087. Power for the PFR-3

Yahoo group: pfr3_group
Date: 2011-03-03 16:14:05 UTC
From: Richard Powers
Topic: 2077 Message: 2087

Thanks Very Much Everybody for your responses. I will ponder each one and hopefully chose one that works for me.
Thanks again, Dick

2088. PFR-3 power

Yahoo group: pfr3_group
Date: 2011-03-04 22:33:03 UTC
From: peter mudgett
Topic: 2088 Message: 2088

At the home shack, I use the 12V gel-cell option with the UPS APC-200 doing double duty for my computer and PFR-3A at the same time. I added the 2 silicon rectifier diodes (and fuse) in series as suggested in the PFR-3A manual. Sometimes I run it from a 9.6v power tool NiCad battery and sometimes from 9 AA NiMH batteries usually in the field. Have also used my car cigarette lighter socket when camping. I always keep 8 AA alkaline batteries in the internal compartment, but because of the expense, I only use those for receiving when other power sources are not convenient.

Good luck and lots o fun,
Peter - KB1PBA

2089. First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-08 05:36:27 UTC
From: Ren
Topic: 2089 Message: 2089

Okay folks,
I just had my first QSO ever with KB3AZS.
The fellow was ever so patient with me.
It's all true...my heart raced in overdrive the whole QSO, my mind went blank, I couldn't remember jack----.
I looked him up on QRZ and the address was very different from what I received...
Cincinnati, Ohio is what I copied (twice), I couldn't beleive my ears. I received a 599 and his signal was gang-buster.
I could have sworn he sent Mike as his name, but not according to QRZ.
I'd like to send him a QSL card, but I'm not sure if I can with the info I copied (guys, I was shaking like a leaf).
BTW From my QTH to either address, my signal traveled between 800 and 900 miles from Lakeland, Fl.

and I guess I'm supposed to try to sleep now,
yeah right,
Ren
KG4BAS

2090. RE: [pfr3_group] First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-08 12:49:03 UTC
From: Dale Putnam
Topic: 2089 Message: 2090

Congratulations Ren, sounds to me like you did a fine job of it.
The nerves get easier to handle, they really do. It took me a quite a while to get past the shaking.. but it does happen.
The lack of sleep tho, may become a bit of a problem... shortly after the first Q, the second one follows, and shortly after that one,
the next, then the next, then well, pretty soon, the sun comes up...
As far as what you copied to what's in QRZ... he may have been on a trip, or maybe QRZ isn't up to date...I'd send a card anyway. If you copied a mailing address.. I'd use it. If now use QRZ.
Then.. before very long.. I'd get back on.. and see if the nerves are as bad the second time?
When might that be?
Maybe someone would be waiting for you?
Have a great day, full of fond memories that will always be dear,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@tampabay.rr.com
Date: Tue, 8 Mar 2011 05:36:27 +0000
Subject: [pfr3_group] First real QSO ever, and man did I blow it.....

Okay folks,
I just had my first QSO ever with KB3AZS.
The fellow was ever so patient with me.
It's all true...my heart raced in overdrive the whole QSO, my mind went blank, I couldn't remember jack----.
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Cincinnati, Ohio is what I copied (twice), I couldn't beleive my ears. I received a 599 and his signal was gang-buster.
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BTW From my QTH to either address, my signal traveled between 800 and 900 miles from Lakeland, Fl.

and I guess I'm supposed to try to sleep now,
yeah right,
Ren
KG4BAS

2091. Re: [pfr3_group] First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-08 12:55:54 UTC
From: Carey Magee (K2RNY)
Topic: 2089 Message: 2091

Same here for my first time as well, Ren. Send him your QSL card with a return SASE and I am sure he'd respond. Maybe, send him an email first to see if he copied you ok.

By the way, they get easier.

Glad to read that the rig is working FB. Good luck on the air. Hpe to work you sometime soon.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

----- "Ren" <nmonllor@...> wrote:

Okay folks,
I just had my first QSO ever with KB3AZS.
The fellow was ever so patient with me.
It's all true...my heart raced in overdrive the whole QSO, my mind went blank, I couldn't remember jack----.
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BTW From my QTH to either address, my signal traveled between 800 and 900 miles from Lakeland, Fl.

and I guess I'm supposed to try to sleep now,
yeah right,
Ren
KG4BAS

2092. RE: [pfr3_group] First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-08 13:19:32 UTC
From: Paul Feltz
Topic: 2089 Message: 2092

Ren:
Your experience mirrors mine back in 1966 with an old tube rig as a novice. From Colorado I contacted Minnesota and boy was I scared! Exact same experience. But since I have had the pleasure to be on the other side of several "firsts". As Carey says, they do get easier, so get right back on! Welcome!

72 es 73
Paul
WA0VDM

To: pfr3_group@yahoogroups.com
From: k2rny@...
Date: Tue, 8 Mar 2011 12:55:54 +0000
Subject: Re: [pfr3_group] First real QSO ever, and man did I blow it.....

Same here for my first time as well, Ren. Send him your QSL card with a return SASE and I am sure he'd respond. Maybe, send him an email first to see if he copied you ok.

By the way, they get easier.

Glad to read that the rig is working FB. Good luck on the air. Hpe to work you sometime soon.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
==========

----- "Ren" <nmonllor@...> wrote:

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BTW From my QTH to either address, my signal traveled between 800 and 900 miles from Lakeland, Fl.

and I guess I'm supposed to try to sleep now,
yeah right,
Ren
KG4BAS

2093. Re: [pfr3_group] First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-08 18:11:25 UTC
From: Rockinghorse Winner
Topic: 2089 Message: 2093

On Tue, Mar 08, 2011 at 05:36:27AM -0000, Ren wrote:
> Okay folks,
> I just had my first QSO ever with KB3AZS.
> The fellow was ever so patient with me.
> It's all true...my heart raced in overdrive the whole QSO, my mind went blank, I couldn't remember jack----.
> I looked him up on QRZ and the address was very different from what I received... Cincinnati, Ohio is what I copied (twice), I couldn't beleive my ears. I received a 599 and his signal was gang-buster.
> I could have sworn he sent Mike as his name, but not according to QRZ.
> I'd like to send him a QSL card, but I'm not sure if I can with the info I copied (guys, I was shaking like a leaf).
> BTW From my QTH to either address, my signal traveled between 800 and 900 miles from Lakeland, Fl.
>
> and I guess I'm supposed to try to sleep now,
> yeah right,
> Ren
> KG4BAS

Hi, Ren, thanks for the update. Glad to hear you got your kit completed and on the air successfully. Congratulations on your first! Yes, the first is always a bit shaky. You didn't say what band your QSO was on.

I would drop him an email (you can get it off QRZ) to confirm your info. He may have moved or been operating portable.

Best of luck with the new rig, and I'll be listening for you.

Terry
NY6P

--
Powered by Linux |/ 2.6.32.26-175 Fedora 12
"No spyware. No viruses. No nags." |/ 2.6.31.12-0.2 OpenSUSE 11.2
http://www.jamendo.com |/
"Preach the gospel always; when necessary use words." St. Francis

2094. Re: [pfr3_group] First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-08 18:23:10 UTC
From: Steven Weber
Topic: 2089 Message: 2094

So long as you got the call correct, that's all that really matters. But since the name and address don't seem to match, maybe the call isn't correct? Hate to bring that up as a possability.

But anyway, congrats on the first QSO and many more to follow.

Steve KD1JV

2095. RE: [pfr3_group] First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-08 18:39:55 UTC
From: N. A. Monllor
Topic: 2089 Message: 2095

Thank you Steve,

Thank you for having designed such an incredible little radio and for your help with my build, I really appreciate it truly. I'd also like to thank Dale in Wy. for having checked it out to make sure I didn't screw it up too badly and make the final adjustments.

All I can say is that I love this little yellow box so much that I had my daughter make a cover for my Kenwood TS-530 and it now sits respectfully in repose, on its space on the shelf. Bravo to you Steve.

As far as the call sign goes, I really think I got it down correctly, as he sent it many times and they just so happen to be letters I know real well. I did have my doubts though, so I inserted pretty much the entire alphabet into QRZ, where I might have made a mistake and still came up with "somewhere in the United States". That's not to say though that you're not correct in the possibility of miscopy.

Thank you all for the kind words of encouragement,

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steven Weber
Sent: Tuesday, March 08, 2011 1:23 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] First real QSO ever, and man did I blow it.....

So long as you got the call correct, that's all that really matters. But since the name and address don't seem to match, maybe the call isn't correct? Hate to bring that up as a possability.

But anyway, congrats on the first QSO and many more to follow.

Steve KD1JV

2096. Re: First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-08 18:46:37 UTC
From: kd0qv
Topic: 2089 Message: 2096

CONGRATS KG4BAS--REN!
WAY TO JUMP IN THERE & GET THAT FIRST QSO!

ONE THING I ALWAYS TRY TO TEACH MY HAM STUDENTS IS: THE BASIC QSO
FOR ANY CREDIT OR CONFIRMATION REQUIRES THE CORRECT CALL, BOTH WAYS,
AND THE CORRECT RST REPORT BOTH WAYS, PERIOD !
ALL THE OTHER STUFF IS PART OF THE RAG CHEW, NAME, QTH, WX, RIG, ECT.
IF YOU MISS ANY OF THAT INFO, QRZ IS A WONDERFUL RESOURCE FOR IT.
PEOPLE DO MOVE ABOUT A LOT, AND USE DIFFERENT NAMES, SO BE PREPARED TO COPY DIFFERENT INFO.
TRY TO KEEP THAT INFO SIMPLE & TO THE POINT.
73 & GUD DX, CUL. DE, KD0QV/7--JIM, SNOWBIRD IN AZ.
==========

> I just had my first QSO ever with KB3AZS.
> The fellow was ever so patient with me.
> It's all true...my heart raced in overdrive the whole QSO, my mind went blank, I couldn't remember jack----.
> I looked him up on QRZ and the address was very different from what I received... Cincinnati, Ohio is what I copied (twice), I couldn't beleive my ears. I received a 599 and his signal was gang-buster.
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> BTW From my QTH to either address, my signal traveled between 800 and 900 miles from Lakeland, Fl.
>
> and I guess I'm supposed to try to sleep now,
> yeah right,
> Ren
> KG4BAS
>

2097. Re: [pfr3_group] Re: First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-08 20:16:02 UTC
From: Stewart Whitehouse
Topic: 2089 Message: 2097

>
>
> > I just had my first QSO ever with KB3AZS.
> > The fellow was ever so patient with me.
> > It's all true...my heart raced in overdrive the whole QSO, my mind
> went blank, I couldn't remember jack----.
> > I looked him up on QRZ and the address was very different from what
> I received... Cincinnati, Ohio is what I copied (twice), I couldn't
> beleive my ears. I received a 599 and his signal was gang-buster.
> > I could have sworn he sent Mike as his name, but not according to
> QRZ.
> > I'd like to send him a QSL card, but I'm not sure if I can with the
> info I copied (guys, I was shaking like a leaf).
> > BTW From my QTH to either address, my signal traveled between 800
> and 900 miles from Lakeland, Fl.
> >
> > and I guess I'm supposed to try to sleep now,
> > yeah right,
> > Ren
> > KG4BAS
KB8AZS is named Mike and lives near Cincinnati.
73
Stew ke4yh

2098. RE: [pfr3_group] First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-08 20:58:00 UTC
From: Dale Putnam
Topic: 2089 Message: 2098

You're very welcome Ren,
Happy to help,
One thought... if he sent his call.. repetitively, over and over... is it possible, that the number may be off by one ?
I have to send my call, over and over, when folks try to put me in California.. or 5 land....
just a thought.
Good Luck and Have a great time with it... Steve makes it a real kick to operate,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@tampabay.rr.com
Date: Tue, 8 Mar 2011 13:39:55 -0500
Subject: RE: [pfr3_group] First real QSO ever, and man did I blow it.....

Thank you Steve,
Thank you for having designed such an incredible little radio and for your help with my build, I really appreciate it truly. I'd also like to thank Dale in Wy. for having checked it out to make sure I didn't screw it up too badly and make the final adjustments.
All I can say is that I love this little yellow box so much that I had my daughter make a cover for my Kenwood TS-530 and it now sits respectfully in repose, on its space on the shelf. Bravo to you Steve.
As far as the call sign goes, I really think I got it down correctly, as he sent it many times and they just so happen to be letters I know real well. I did have my doubts though, so I inserted pretty much the entire alphabet into QRZ, where I might have made a mistake and still came up with "somewhere in the United States". That's not to say though that you're not correct in the possibility of miscopy.
Thank you all for the kind words of encouragement,
Ren
KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steven Weber
Sent: Tuesday, March 08, 2011 1:23 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] First real QSO ever, and man did I blow it.....

So long as you got the call correct, that's all that really matters. But
since the name and address don't seem to match, maybe the call isn't
correct? Hate to bring that up as a possability.

But anyway, congrats on the first QSO and many more to follow.

Steve KD1JV

2099. RE: [pfr3_group] First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-08 21:45:53 UTC
From: N. A. Monllor
Topic: 2089 Message: 2099

I just got a reply from Stew, KE4YH, and I think he hit it right on the head.

There is a fellow near Cincinnati that goes by the name of Mike whose callsign is KB8AZS. I copied KB3AZS, How much would you like to bet??

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Tuesday, March 08, 2011 3:58 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] First real QSO ever, and man did I blow it.....

You're very welcome Ren,
Happy to help,
One thought... if he sent his call.. repetitively, over and over... is it possible, that the number may be off by one ?
I have to send my call, over and over, when folks try to put me in California.. or 5 land....
just a thought.
Good Luck and Have a great time with it... Steve makes it a real kick to operate,

--... ...-- Dale - WC7S in Wy

_____

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Tue, 8 Mar 2011 13:39:55 -0500
Subject: RE: [pfr3_group] First real QSO ever, and man did I blow it.....

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But anyway, congrats on the first QSO and many more to follow.

Steve KD1JV

2100. RE: [pfr3_group] Re: First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-08 21:54:23 UTC
From: N. A. Monllor
Topic: 2089 Message: 2100

This is just too cool.

Thank you Stew

From: pfr3_group@...m [mailto:pfr3_group@yahoogroups.com] On Behalf Of Stewart Whitehouse
Sent: Tuesday, March 08, 2011 3:16 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: First real QSO ever, and man did I blow it.....

>
>
> > I just had my first QSO ever with KB3AZS.
> > The fellow was ever so patient with me.
> > It's all true...my heart raced in overdrive the whole QSO, my mind
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> info I copied (guys, I was shaking like a leaf).
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> and 900 miles from Lakeland, Fl.
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> > and I guess I'm supposed to try to sleep now,
> > yeah right,
> > Ren
> > KG4BAS
KB8AZS is named Mike and lives near Cincinnati.
73
Stew ke4yh

2101. The ERRATA is making me crazy!!!

Yahoo group: pfr3_group
Date: 2011-03-10 01:31:11 UTC
From: k2ytj
Topic: 2101 Message: 2101

Just received my PFR-3 kit today and am anxious to get building; however, the Errata published on Dougs website page for the PFR-3 has me confused..., well at least the first two items do:

[1] "* There are two caps marked C48 on board with different values. One is between the phone and paddle jack and the other is just below U9. Note that the cap between the phone and paddle jack should be C30 (.01 uFD)"

[2] "* The color coding in the instructions for R6 and R7 are incorrect and should be orange orange yellow instead of red red orange."

After checking the manual, the board, and the parts in the parts bag, I came to the following conclusions:

[1] The cap between the phone and paddle jacks is actually C49 on the board and should be designated C49, not C30, which is actually 100 uF, not 0.01 uF. Can I assume that the manual, which lists C48 as type 104 and C49 as type 102 is correct?

[2] R6 and R7 are actually shown as 470K (Yellow Violet Yellow) in the manual, not "red red orange" (22K). Both 470K (Yel/Vio/Yel) and 22K (Red/Red/Orn) are in the parts kit, 330K (Orn/Orn/Yel) are not. Which to use?

Also, a number of resistors in the parts list are missing in the parts kit?

What is your experience and your advice?

It would seem simpler just to get the missing resistors out of my parts bin than pester Doug for them.

Resistors is a far as I've gotten, LOL... I am having fun.

2102. Re: [pfr3_group] The ERRATA is making me crazy!!!

Yahoo group: pfr3_group
Date: 2011-03-10 01:37:50 UTC
From: MAXXOUT2@AOL.COM
Topic: 2101 Message: 2102

When I used to do a lot of kit building I replaced all resistors with the
RCA 1% tolerance type and I also do that with MFJ rigs
Something you might consider
Just my 2 cents worth on the topic
BOB
AF2Q

In a message dated 3/9/2011 5:31:14 P.M. Pacific Standard Time,
djeberl@... writes:

Just received my PFR-3 kit today and am anxious to get building; however,
the Errata published on Dougs website page for the PFR-3 has me
confused..., well at least the first two items do:

[1] "* There are two caps marked C48 on board with different values. One
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bin than pester Doug for them.

Resistors is a far as I've gotten, LOL... I am having fun.

2103. Re: [pfr3_group] The ERRATA is making me crazy!!!

Yahoo group: pfr3_group
Date: 2011-03-10 02:06:35 UTC
From: Steve Smith
Topic: 2101 Message: 2103

Don't use the errata. Even it has mistakes.

What manual are you using?

Use the latest manual (says "updated 3/1/10" on the cover sheet). It shows 470K in two places for R6 & R7.

Best of luck with your kit!

73.......Steve Smith WB6TNL

2104. Re: [pfr3_group] The ERRATA is making me crazy!!!

Yahoo group: pfr3_group
Date: 2011-03-10 02:39:01 UTC
From: arthurok
Topic: 2101 Message: 2104

i would use the latest revision schematic as a guide
----- Original Message -----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Sent: Wednesday, March 09, 2011 7:37 PM
Subject: Re: [pfr3_group] The ERRATA is making me crazy!!!

When I used to do a lot of kit building I replaced all resistors with the RCA 1% tolerance type and I also do that with MFJ rigs
Something you might consider
Just my 2 cents worth on the topic
BOB
AF2Q

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After checking the manual, the board, and the parts in the parts bag, I came to the following conclusions:

[1] The cap between the phone and paddle jacks is actually C49 on the board and should be designated C49, not C30, which is actually 100 uF, not 0.01 uF. Can I assume that the manual, which lists C48 as type 104 and C49 as type 102 is correct?

[2] R6 and R7 are actually shown as 470K (Yellow Violet Yellow) in the manual, not "red red orange" (22K). Both 470K (Yel/Vio/Yel) and 22K (Red/Red/Orn) are in the parts kit, 330K (Orn/Orn/Yel) are not. Which to use?

Also, a number of resistors in the parts list are missing in the parts kit?

What is your experience and your advice?

It would seem simpler just to get the missing resistors out of my parts bin than pester Doug for them.

Resistors is a far as I've gotten, LOL... I am having fun.

2105. Possible manual error #01???

Yahoo group: pfr3_group
Date: 2011-03-11 02:20:38 UTC
From: k2ytj
Topic: 2105 Message: 2105

Re: PFR-3A manual (updated 3/2/10)

Page 6: "* R24, R52 -- 22K (RED/..."

R52 does not seem to exist.

Can anyone confirm/comment?

2106. Re: Possible manual error #01???

Yahoo group: pfr3_group
Date: 2011-03-11 02:46:43 UTC
From: Steven Weber
Topic: 2105 Message: 2106

R52 is above U7 (the processor) and below the display, a little to the left of center between them.

Steve KD1JV

2107. Re: Possible manual error #01???

Yahoo group: pfr3_group
Date: 2011-03-11 04:31:01 UTC
From: k2ytj
Topic: 2105 Message: 2107

Wow, thanks, Steve. I must be going blind!

Dennis K2YTJ

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> R52 is above U7 (the processor) and below the display, a little to the left
> of center between them.
>
> Steve KD1JV
>

2108. Decal application

Yahoo group: pfr3_group
Date: 2011-03-11 05:33:07 UTC
From: k2ytj
Topic: 2108 Message: 2108

Can someone tell me the best way to clean the panel to remove any oils or contamination before applying the decals?

2109. Re: [pfr3_group] Decal application

Yahoo group: pfr3_group
Date: 2011-03-11 06:07:47 UTC
From: Steve Smith
Topic: 2108 Message: 2109

IMO, the safest way is a light solution of dish detergent and warm water followed by clear water rinse, dry. Use rubber gloves to handle the dried housing.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "k2ytj" <djeberl@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Decal application
Date: Fri, 11 Mar 2011 05:33:07 -0000

Can someone tell me the best way to clean the panel to remove any oils or contamination before applying the decals?

2110. RE: [pfr3_group] Decal application

Yahoo group: pfr3_group
Date: 2011-03-11 12:57:18 UTC
From: Dale Putnam
Topic: 2108 Message: 2110

I've had good experience with everclear, or alcohol, let it air dry, then handle the inside of the panel, apply the decals, then
after they dry, apply two coats of Clearcoat. Each time the panel is moved handling from the inside.
Good Luck, and Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Fri, 11 Mar 2011 06:07:47 +0000
Subject: Re: [pfr3_group] Decal application

IMO, the safest way is a light solution of dish detergent and warm water followed by clear water rinse, dry. Use rubber gloves to handle the dried housing.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "k2ytj" <djeberl@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Decal application
Date: Fri, 11 Mar 2011 05:33:07 -0000

Can someone tell me the best way to clean the panel to remove any oils or contamination before applying the decals?

2111. Re: [pfr3_group] Possible manual error #01???

Yahoo group: pfr3_group
Date: 2011-03-11 13:20:24 UTC
From: Carey Magee (K2RNY)
Topic: 2105 Message: 2111

Hi:

R52 is just above the ATMEGA chip

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

----- "k2ytj" <djeberl@...> wrote:

Re: PFR-3A manual (updated 3/2/10)

Page 6: "* R24, R52 -- 22K (RED/..."

R52 does not seem to exist.

Can anyone confirm/comment?

2112. Thanks

Yahoo group: pfr3_group
Date: 2011-03-12 01:59:11 UTC
From: k2ytj
Topic: 2112 Message: 2112

Thanks to all for your encouraging help. I'm having fun. What a beautiful little kit!

2113. Inductors

Yahoo group: pfr3_group
Date: 2011-03-12 05:35:03 UTC
From: Rockinghorse Winner
Topic: 2112 Message: 2113

I was just wondering: are the instructions for winding the inductors straight forward, so there is no ambiguity? I am considering a kit for mt topping, and this seems like the ticket. I've wound inductors before and it helps if the instructions are clear with illustrations, etc.

--
Powered by Linux |/ 2.6.32.26-175 Fedora 12
"No spyware. No viruses. No nags." |/ 2.6.31.12-0.2 OpenSUSE 11.2
http://www.jamendo.com |/ Mutt 1.5.21 slrn0.9.9p1 Irssi 0.8.15
"Preach the gospel always; when necessary use words." St. Francis

2114. RE: [pfr3_group] Inductors

Yahoo group: pfr3_group
Date: 2011-03-12 15:10:13 UTC
From: Dale Putnam
Topic: 2112 Message: 2114

Yes, they are straightforward, and informative. There are a number of experienced builders here to help, and one more thing,
IF after you get the kit, and you look at the instructions.. and decide you don't want to wind the toroids. I can do that for you,
no problem.
Good radio for mountain topping. It won't likely get left behind, for not seein it.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ny6p01@...
Date: Fri, 11 Mar 2011 21:35:03 -0800
Subject: [pfr3_group] Inductors

I was just wondering: are the instructions for winding the inductors
straight forward, so there is no ambiguity? I am considering a kit for mt
topping, and this seems like the ticket. I've wound inductors before and it
helps if the instructions are clear with illustrations, etc.

--
Powered by Linux |/ 2.6.32.26-175 Fedora 12
"No spyware. No viruses. No nags." |/ 2.6.31.12-0.2 OpenSUSE 11.2
http://www.jamendo.com |/ Mutt 1.5.21 slrn0.9.9p1 Irssi 0.8.15
"Preach the gospel always; when necessary use words." St. Francis

2115. Re: [pfr3_group] Inductors

Yahoo group: pfr3_group
Date: 2011-03-14 02:31:34 UTC
From: Rockinghorse Winner
Topic: 2112 Message: 2115

On Sat, Mar 12, 2011 at 08:10:13AM -0700, Dale Putnam wrote:
>
> Yes, they are straightforward, and informative. There are a number of experienced builders here to help, and one more thing,
> IF after you get the kit, and you look at the instructions.. and decide you don't want to wind the toroids. I can do that for you,
> no problem.
> Good radio for mountain topping. It won't likely get left behind, for not seein it.
>
> --... ...-- Dale - WC7S in Wy

Thanks, will give it a go as soon as funds become available.

73

Terry
NY6P

--
Powered by Linux |/ 2.6.32.26-175 Fedora 12
"No spyware. No viruses. No nags." |/ 2.6.31.12-0.2 OpenSUSE 11.2
http://www.jamendo.com |/ Mutt 1.5.21 slrn0.9.9p1 Irssi 0.8.15
"Preach the gospel always; when necessary use words." St. Francis

2116. Home brew paddles

Yahoo group: pfr3_group
Date: 2011-03-15 17:46:24 UTC
From: Ren
Topic: 2116 Message: 2116

Hi guys,
I just uploaded 2 pics to KG4BAS's album of some real cheapie paddles made of cheap materials I had laying around the house. They work beautifully but would like to produce them in aluminum. As you can see they are quite small but fit the bill beautifully.
Happy Times!!!!
Ren
KG4BAS

2117. Your homebrew paddles

Yahoo group: pfr3_group
Date: 2011-03-16 13:06:42 UTC
From: k2ytj
Topic: 2117 Message: 2117

Intriguing photos. How about telling us how to make paddles out of a "bulldog" clip?

2118. Re: Home brew paddles

Yahoo group: pfr3_group
Date: 2011-03-16 21:33:19 UTC
From: pileupjunkie
Topic: 2116 Message: 2118

Ren,
I found the album but it only had 2 pictures of the ig and no paddles
BOB
AF2Q

--- In pfr3_group@yahoogroups.com, "Ren" <nmonllor@...> wrote:
>
> Hi guys,
> I just uploaded 2 pics to KG4BAS's album of some real cheapie paddles made of cheap materials I had laying around the house. They work beautifully but would like to produce them in aluminum. As you can see they are quite small but fit the bill beautifully.
> Happy Times!!!!
> Ren
> KG4BAS
>

2119. PFR KIT

Yahoo group: pfr3_group
Date: 2011-03-16 21:39:54 UTC
From: pileupjunkie
Topic: 2119 Message: 2119

I sure like to get one of these kits but i'm not sure if I would have the skills to build it up.
Is this all SMT mounted parts?
All these small kits are the same just like the SW series but you have 10 hams building them and more then half have a problem they can't find.
Can someone mail me a large close up of the parts mounted on the board?
Thanks
BOB
AF2Q

2120. RE: [pfr3_group] Re: Home brew paddles

Yahoo group: pfr3_group
Date: 2011-03-16 21:52:16 UTC
From: N. A. Monllor
Topic: 2116 Message: 2120

Hi Bob,

The paddles are mounted on to the radio.

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of pileupjunkie
Sent: Wednesday, March 16, 2011 5:33 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Home brew paddles

Ren,
I found the album but it only had 2 pictures of the ig and no paddles
BOB
AF2Q

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , "Ren" <nmonllor@...> wrote:
>
> Hi guys,
> I just uploaded 2 pics to KG4BAS's album of some real cheapie paddles made of cheap materials I had laying around the house. They work beautifully but would like to produce them in aluminum. As you can see they are quite small but fit the bill beautifully.
> Happy Times!!!!
> Ren
> KG4BAS
>

2121. Re: [pfr3_group] Re: Home brew paddles

Yahoo group: pfr3_group
Date: 2011-03-16 22:00:41 UTC
From: MAXXOUT2@AOL.COM
Topic: 2116 Message: 2121

OK,
I will check them out later.I have mouse problems here and I think I have a spare.
BOB
AF2Q

In a message dated 3/16/2011 2:52:42 P.M. Pacific Daylight Time, nmonllor@... writes:

Hi Bob,
The paddles are mounted on to the radio.

2122. NEScaf filter

Yahoo group: pfr3_group
Date: 2011-03-16 23:43:01 UTC
From: orangelite
Topic: 2122 Message: 2122

I see that the New England QRP club just had a successful kitting party for their GREAT NEScaf audio filter. The filter also gives a good bit of audio gain and makes an ideal and efficient audio amp for the PFR, in addtion to giving more selectvity when needed.

I built mine in a small project box from Mouser and it gives of plenty of audio when plugged into the headphone jack of the PFR. Their www page says they are sold out (http://newenglandqrp.org/) but since their kitting party was for "future orders" it will be offered again... keep an eye peeled because they go FAST. It is an easy and fun build and is a great addition to the PFR (and/or any other rig)

72 de k7hv

2123. Re: NEScaf filter

Yahoo group: pfr3_group
Date: 2011-03-17 01:18:01 UTC
From: n3ham1
Topic: 2122 Message: 2123

Got one mated to my TS430S, it really helps to pull out the weak ones along with the 500hz filter. Who needs DSP? hi. Jerry N3HAM

--- In pfr3_group@yahoogroups.com, "orangelite" <jparnell@...> wrote:
>
> I see that the New England QRP club just had a successful kitting party for their GREAT NEScaf audio filter. The filter also gives a good bit of audio gain and makes an ideal and efficient audio amp for the PFR, in addtion to giving more selectvity when needed.
>
> I built mine in a small project box from Mouser and it gives of plenty of audio when plugged into the headphone jack of the PFR. Their www page says they are sold out (http://newenglandqrp.org/) but since their kitting party was for "future orders" it will be offered again... keep an eye peeled because they go FAST. It is an easy and fun build and is a great addition to the PFR (and/or any other rig)
>
> 72 de k7hv
>

2124. Re: [pfr3_group] PFR KIT

Yahoo group: pfr3_group
Date: 2011-03-17 01:20:06 UTC
From: Steve Smith
Topic: 2119 Message: 2124

Hi Bob,

It is mostly through-hole parts and what SMT parts there are come pre-mounted to the board. If you've built any other kit with through-hole and toroids you should be able to handle this one. If not, there are guys out there who will assemble it for you.

How did you come up with 10 builders? We don't hear from the builders who are not on this list and I'd bet there are plenty of builders who have successfully built the PFR and haven't said anything.

You can see a relatively close-up of the board here: http://qrpkits.com/pfr3.html
It will expand into something still quite viewable.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "pileupjunkie" <MAXXOUT2@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR KIT
Date: Wed, 16 Mar 2011 21:39:54 -0000

I sure like to get one of these kits but i'm not sure if I would have the skills to build it up.
Is this all SMT mounted parts?
All these small kits are the same just like the SW series but you have 10 hams building them and more then half have a problem they can't find.
Can someone mail me a large close up of the parts mounted on the board?
Thanks
BOB
AF2Q

2125. Re: [pfr3_group] PFR KIT

Yahoo group: pfr3_group
Date: 2011-03-17 05:58:37 UTC
From: ckwishmeier@cs.com
Topic: 2119 Message: 2125

Bob,

If you have built any Heathkits before you can do this one. I had assembled my SB-102, its power supply and the SB-200 linear. Also the HW-7 QRP kit, keyers, an FM radio and its amplifier. Also homebrewed quite a few QRP transmitters. I had studied the QRP radios out in ham radio land and met Steve who designed the PFR-3A among his other kits at Dayton last year. He answered my questions with quite specific answers and I was duly impressed. I am 62 years old, my eyes are weak and my hands shake a bit. My only problem was that I had to use a magnifying hood to read the color codes on the resistors and the very tiny numbers on the caps. No SMT parts to solder.

Just get a good small tip and temperature adjustable soldering iron and a magnifying hood (Harbor Freight is cheap). And go for it. You might find the torroids a challenge because of their small size, but they are doable. Trust me. The PFR-3A is worth every penney and then some. I will probably sell my FT-817 because I much prefer the PFR-3A. For one thing it is much easier on batteries and the antenna tuner is self contained and will tune about anything. I had so much fun building this little transceiver that I went on to build a 40M Softrock receiver with SMT parts and am about ready to start another SMT receiver project with even smaller SMT parts. Check out NG9D's videos on YouTube. Just can't get any better than his instructions. Have fun.

Keith
WA9S

-----Original Message-----
From: Steve Smith <sigcom@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Mar 16, 2011 9:22 pm
Subject: Re: [pfr3_group] PFR KIT

Hi Bob,

It is mostly through-hole parts and what SMT parts there are come pre-mounted to the board. If you've built any other kit with through-hole and toroids you should be able to handle this one. If not, there are guys out there who will assemble it for you.

How did you come up with 10 builders? We don't hear from the builders who are not on this list and I'd bet there are plenty of builders who have successfully built the PFR and haven't said anything.

You can see a relatively close-up of the board here: http://qrpkits.com/pfr3.html
It will expand into something still quite viewable.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "pileupjunkie" <MAXXOUT2@...>

To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR KIT
Date: Wed, 16 Mar 2011 21:39:54 -0000

I sure like to get one of these kits but i'm not sure if I would have the skills to build it up.
Is this all SMT mounted parts?
All these small kits are the same just like the SW series but you have 10 hams building them and more then half have a problem they can't find.
Can someone mail me a large close up of the parts mounted on the board?
Thanks
BOB
AF2Q

2126. PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-17 17:22:49 UTC
From: dl1egr
Topic: 2126 Message: 2126

Hi Folks,
powering on my PFR3 no frequency is not to read, no tuning at all.
BUT - after switching band select to 30m or 20m this little nice rig works quite well! also on 40m. Any suggestions?

cheers, Raimund, DL1EGR

2127. Recommended Headphones

Yahoo group: pfr3_group
Date: 2011-03-17 19:26:53 UTC
From: James
Topic: 2127 Message: 2127

If you want "headphones", not earbuds, look at the Sony MDR-W08L. It is very light, sensitive(102dB), has a tiny headband, and fits the ear very well without fitting into the ear canal.

Price is $10-13 and Target has them in their stores. Also decent for iPod use. Very comfortable for those long CW contests.

Also has a right-angle plug which is nice if you are using the BabyBlack Widow with your PFR-3

72
K5ACO
JB Ford

2128. Re: [pfr3_group] PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 03:38:19 UTC
From: Steve Smith
Topic: 2126 Message: 2128

Hello Raimund,

Do you have the PFR3 or the PFR3A?

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "dl1egr" <raimund.reh@web.de>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3 do not start oscillate by powering on
Date: Thu, 17 Mar 2011 17:22:49 -0000

Hi Folks,
powering on my PFR3 no frequency is not to read, no tuning at all.
BUT - after switching band select to 30m or 20m this little nice rig works quite well! also on 40m. Any suggestions?

cheers, Raimund, DL1EGR

2129. Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 10:48:54 UTC
From: dl1egr
Topic: 2126 Message: 2129

how to identify the version? board is BAC-G 94V-0 14/08

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hello Raimund,
>
> Do you have the PFR3 or the PFR3A?
>
> 73.......Steve Smith WB6TNL
>
>
>
> ---------- Original Message ----------
> From: "dl1egr" <raimund.reh@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] PFR3 do not start oscillate by powering on
> Date: Thu, 17 Mar 2011 17:22:49 -0000
>
> Hi Folks,
> powering on my PFR3 no frequency is not to read, no tuning at all.
> BUT - after switching band select to 30m or 20m this little nice rig works quite well!
also on 40m. Any suggestions?
>
> cheers, Raimund, DL1EGR
>

2130. Re: [pfr3_group] Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 11:35:13 UTC
From: Larry Makoski
Topic: 2126 Message: 2130

Raimund,

If your enclosure came pre-screened it is a PFR3. If you had to apply decals, it's a PFR3A.

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

2131. Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 11:52:19 UTC
From: dl1egr
Topic: 2126 Message: 2131

the enclosure came in nice yellow without decals, right. Found the manual yet NOT showing any version. So I think it is the "A" release. Bought this about beginning 2009.

--- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@...> wrote:
>
> Raimund,
>
> If your enclosure came pre-screened it is a PFR3. If you had to apply
> decals, it's a PFR3A.
>
> Larry W2LJ
>
> --
> 73 de Larry W2LJ
> QRP - When you care to send the very least!
>
> http://w2lj.blogspot.com/
> http://www.w2lj.qrpradio.com/
>

2132. Re: [pfr3_group] Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 12:30:13 UTC
From: Steve Smith
Topic: 2126 Message: 2132

Hello Raimund,

Yes, it appears that you have a PRF3A. Some of the PFR3 had software issues.

Has your radio done this since you finished constructing it or is this a problem that started now?

What have you done to troubleshoot this problem? Have you made any voltage measurements?

At this point I recommend removing U7 from its socket, check for any bent or folded-over pins the re-insert it into the socket.

Hopefully Steve Weber or someone with more experience than I have will check in here.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "dl1egr" <raimund.reh@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: PFR3 do not start oscillate by powering on
Date: Fri, 18 Mar 2011 11:52:19 -0000

the enclosure came in nice yellow without decals, right. Found the manual yet NOT showing any version. So I think it is the "A" release. Bought this about beginning 2009.

--- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@...> wrote:
>
> Raimund,
>
> If your enclosure came pre-screened it is a PFR3. If you had to apply
> decals, it's a PFR3A.
>
> Larry W2LJ
>
> --
> 73 de Larry W2LJ
> QRP - When you care to send the very least!
>
> http://w2lj.blogspot.com/
> http://www.w2lj.qrpradio.com/
>

Yahoo! Groups Links

2133. RE: [pfr3_group] Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 12:47:48 UTC
From: Dale Putnam
Topic: 2126 Message: 2133

Hi Raimund,
The PFR3 had a couple issues with starting, fresh after a new build, most of those could be corrected with careful inspection of soldering, and as Steve said, reseating the chip. Is this a recently developing issue, or is this a new build?
Other questions also, include battery voltage, or internal or external supply.
Would be helpful to discribe your conditions, new/used, voltages, selector switches exercised or cleaned with deoxit, and such.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Fri, 18 Mar 2011 12:30:13 +0000
Subject: Re: [pfr3_group] Re: PFR3 do not start oscillate by powering on

Hello Raimund,

Yes, it appears that you have a PRF3A. Some of the PFR3 had software issues.

Has your radio done this since you finished constructing it or is this a problem that started now?

What have you done to troubleshoot this problem? Have you made any voltage measurements?

At this point I recommend removing U7 from its socket, check for any bent or folded-over pins the re-insert it into the socket.

Hopefully Steve Weber or someone with more experience than I have will check in here.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "dl1egr" <raimund.reh@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: PFR3 do not start oscillate by powering on
Date: Fri, 18 Mar 2011 11:52:19 -0000

the enclosure came in nice yellow without decals, right. Found the manual yet NOT showing any version. So I think it is the "A" release. Bought this about beginning 2009.

--- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@...> wrote:
>
> Raimund,
>
> If your enclosure came pre-screened it is a PFR3. If you had to apply
> decals, it's a PFR3A.
>

> Larry W2LJ
>
> --
> 73 de Larry W2LJ
> QRP - When you care to send the very least!
>
> http://w2lj.blogspot.com/
> http://www.w2lj.qrpradio.com/
>

Yahoo! Groups Links

2134. Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 14:42:22 UTC
From: dl1egr
Topic: 2126 Message: 2134

yes - the rig done this since finishing.
powersupply is solid 12v external.
in state of "non-running" all voltage are at U7, no pins left or foldet - this small rig works after a while switching the right band-select from band-select. that's what confuse me.
I start me new investigation now with "resoldering" U7 and around. maybe this helps...

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hello Raimund,
>
> Yes, it appears that you have a PRF3A. Some of the PFR3 had software issues.
>
> Has your radio done this since you finished constructing it or is this a problem that started now?
>
> What have you done to troubleshoot this problem? Have you made any voltage measurements?
>
> At this point I recommend removing U7 from its socket, check for any bent or folded-over pins the re-insert it into the socket.
>
> Hopefully Steve Weber or someone with more experience than I have will check in here.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "dl1egr" <raimund.reh@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: PFR3 do not start oscillate by powering on
> Date: Fri, 18 Mar 2011 11:52:19 -0000
>
> the enclosure came in nice yellow without decals, right. Found the manual yet NOT showing any version. So I think it is the "A" release. Bought this about beginning 2009.
>
> --- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@> wrote:
> >
> > Raimund,
> >
> > If your enclosure came pre-screened it is a PFR3. If you had to apply
> > decals, it's a PFR3A.
> >
> > Larry W2LJ
> >
> > --
> > 73 de Larry W2LJ

> > QRP - When you care to send the very least!
> >
> > http://w2lj.blogspot.com/
> > http://www.w2lj.qrpradio.com/
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2135. Re: [pfr3_group] Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 15:02:52 UTC
From: arthurok
Topic: 2126 Message: 2135

make sure you have the proper value resistors installed and that the slide switches are properly soldered.
----- Original Message -----
From: dl1egr
To: pfr3_group@yahoogroups.com
Sent: Friday, March 18, 2011 9:42 AM
Subject: [pfr3_group] Re: PFR3 do not start oscillate by powering on

yes - the rig done this since finishing.
powersupply is solid 12v external.
in state of "non-running" all voltage are at U7, no pins left or foldet - this small rig works after a while switching the right band-select from band-select. that's what confuse me.
I start me new investigation now with "resoldering" U7 and around. maybe this helps...

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hello Raimund,
>
> Yes, it appears that you have a PRF3A. Some of the PFR3 had software issues.
>
> Has your radio done this since you finished constructing it or is this a problem that started now?
>
> What have you done to troubleshoot this problem? Have you made any voltage measurements?
>
> At this point I recommend removing U7 from its socket, check for any bent or folded-over pins the re-insert it into the socket.
>
> Hopefully Steve Weber or someone with more experience than I have will check in here.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "dl1egr" <raimund.reh@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: PFR3 do not start oscillate by powering on
> Date: Fri, 18 Mar 2011 11:52:19 -0000
>
> the enclosure came in nice yellow without decals, right. Found the manual yet NOT showing any version. So I think it is the "A" release. Bought this about beginning 2009.
>
> --- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@> wrote:
> >
> > Raimund,

> >
> > If your enclosure came pre-screened it is a PFR3. If you had to apply
> > decals, it's a PFR3A.
> >
> > Larry W2LJ
> >
> > --
> > 73 de Larry W2LJ
> > QRP - When you care to send the very least!
> >
> > http://w2lj.blogspot.com/
> > http://www.w2lj.qrpradio.com/
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2136. Re: [pfr3_group] Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 16:48:43 UTC
From: hzp_electronics@juno.com
Topic: 2126 Message: 2136
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

2137. Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 17:34:29 UTC
From: dl1egr
Topic: 2126 Message: 2137

Hi Bill & all the group
let me resume what's all the buzz...

I checked all hints to keep rig working.
By finishing this rig it has this starting problems.
Band switch operates normaly. Let me describe powering up sequence:

1. I use external power 12V

2. Both Band-Switch set to 40m
3. power on
3.1 no display but audio
3.2 setting right band-switch to 30m
3.3 most of the times display starts working
4. rig can now operate on all bands without any problems

this sequence can be altered as followed (small chances)

2. Both Band-Switch set to 30m
3. power on
3.1 no display but audio
3.2 setting right band-switch to 20m
3.3 most of the times display starts working
4. rig can now operate on all bands without any problems

that's all.
any suggestions?

--- In pfr3_group@yahoogroups.com, "hzp_electronics@..." <hzp_electronics@...> wrote:
>
>
> Raimund, Possibly one or both of the bandswitches are bad. The bandswitches must be in the correct position for the processor to operate correctly. ... Bill K3HZP .
> _____
> Groupon™ Official Site
> 1 ridiculously huge coupon a day. Get 50-90% off your city's best!
> http://thirdpartyoffers.juno.com/TGL3131/4d838d5cec8ab21ae08st02vuc
>

2138. Re: [pfr3_group] Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 18:07:21 UTC
From: Steve Smith
Topic: 2126 Message: 2138

OK that is good information.

Please check the voltage on each position of S6 (left band switch) at the junction of R52 - R30.. It should be 2.5/1.6/0.22 V for 40/30/20. Also, the junction of S4 and R27 must be 5.0 volts with no buttons depressed. These must be very close to these voltages as that sets the A-D input voltages to U7. Anything out of range on either of these measurements may cause problems with U7 correctly initializing.

This should give us a clue as to what is causing the problem.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "dl1egr" <raimund.reh@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: PFR3 do not start oscillate by powering on
Date: Fri, 18 Mar 2011 14:42:22 -0000

yes - the rig done this since finishing.
powersupply is solid 12v external.
in state of "non-running" all voltage are at U7, no pins left or foldet - this small rig works after a while switching the right band-select from band-select. that's what confuse me.
I start me new investigation now with "resoldering" U7 and around. maybe this helps...

2139. Steve Weber: Question about U7 Analog inputs

Yahoo group: pfr3_group
Date: 2011-03-18 18:16:49 UTC
From: Steve Smith
Topic: 2139 Message: 2139

Hi Steve,

What is the tolerance of the analog inputs to U7 for the buttons and switch S6; i.e. how far off +/- can the voltage be before it is interpreted it as a mode change?

73.......Steve Smith WB6TNL

2140. Re: [pfr3_group] Recommended Headphones

Yahoo group: pfr3_group
Date: 2011-03-18 19:47:39 UTC
From: Richard Powers
Topic: 2127 Message: 2140

Hi James;
I checked those headphones out - they look great, but the cord is only 3 feet long, doesn't exactly give much room to get comfortable, so beware you may need an extension for a long session.
I am going to try them out, but I am going to get an extension to go with them.
3 feet seems pretty close quarters to me. Just FYI.
73, Dick

From: James <jecford@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, March 17, 2011 2:26:53 PM
Subject: [pfr3_group] Recommended Headphones

If you want "headphones", not earbuds, look at the Sony MDR-W08L. It is very light, sensitive(102dB), has a tiny headband, and fits the ear very well without fitting into the ear canal.

Price is $10-13 and Target has them in their stores. Also decent for iPod use. Very comfortable for those long CW contests.

Also has a right-angle plug which is nice if you are using the BabyBlack Widow with your PFR-3

72
K5ACO
JB Ford

2141. Re: Recommended Headphones

Yahoo group: pfr3_group
Date: 2011-03-18 21:03:15 UTC
From: James
Topic: 2127 Message: 2141

that is plenty long for me as the headphone jack on my "big rig" is on the front and i generally take the 'phones off when it is time to get up and stretch.

my only real complaint about most headphones is that the freq. response is too good and thumps and hiss are audible.

hoping to win a nescaf filter at OzarkCon next month!

Also looking for a passive filter plan that does not use the huge and hard to find 88mH phone toroids and will fit in an altoids box. I'm wondering if a single stage filter would be good enough to make listening more pleasant.

2142. Re: Recommended Headphones

Yahoo group: pfr3_group
Date: 2011-03-18 21:07:11 UTC
From: James
Topic: 2127 Message: 2142

that is plenty long for me as the headphone jack on my "big rig" is on the front and i generally take the 'phones off when it is time to get up and stretch.

my only real complaint about most headphones is that the freq. response is too good and thumps and hiss are audible.

hoping to win a nescaf filter at OzarkCon next month!

Also looking for a passive filter plan that does not use the huge and hard to find 88mH phone toroids and will fit in an altoids box. I'm wondering if a single stage filter would be good enough to make listening more pleasant.

2143. Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 21:10:18 UTC
From: dl1egr
Topic: 2126 Message: 2143

Hi Steve
recalculating junktion
R52-R30 should result as 22k / 2k2 = 0.5Volts (you wrote 0.22v)
I start with S6b in 30m position.
ok for that - all voltages are present at this junction
40m - 2.48v
30m - 1.54v
20m - 0.45v
(this needs to switch S6b through the bands)

also
at the open end of R27 their is 4.97v present.

with this measure I took a look on the display - dark.
switching several times through the bands - no display
I turn to 30m for S6b. power off. 15seconds to wait. power on.
no display.switching to 20m display shows 20 and 060.0 - from this moment on I can run all other bands.

It drives me carzy... it's 10:10pm local and for me I am ill with strong coughing, some liquids behind my right eardrum. Have to take some amoxi 1000 for tonight - I'll leave for now returning tomorow.
thanks to you all folks for your kind assistance!
take care - Raimund.

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> OK that is good information.
>
> Please check the voltage on each position of S6 (left band switch) at the junction of R52 - R30.. It should be 2.5/1.6/0.22 V for 40/30/20. Also, the junction of S4 and R27 must be 5.0 volts with no buttons depressed. These must be very close to these voltages as that sets the A-D input voltages to U7. Anything out of range on either of these measurements may cause problems with U7 correctly initializing.
>
> This should give us a clue as to what is causing the problem.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "dl1egr" <raimund.reh@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: PFR3 do not start oscillate by powering on
> Date: Fri, 18 Mar 2011 14:42:22 -0000
>
> yes - the rig done this since finishing.

> powersupply is solid 12v external.
> in state of "non-running" all voltage are at U7, no pins left or foldet - this small rig works after a while switching the right band-select from band-select. that's what confuse me.
> I start me new investigation now with "resoldering" U7 and around. maybe this helps...
>

2144. Re: Steve Weber: Question about U7 Analog inputs

Yahoo group: pfr3_group
Date: 2011-03-18 21:57:07 UTC
From: Steven Weber
Topic: 2139 Message: 2144

Actually, there is a very wide tollerance to the voltages.

40 meters: any voltage greater than 2.35 volts
30 meters: any voltage between 1.37 and 2.35 volts
20 meters: any voltage less than 1.37 volts.

Raimund's voltages are well with in these ranges.

The fact the display does not come on until the band switch is changed is a mystery. The display should come on regardless of anything else happening. The display not comming on implies either the reset pin is floating and being pulled low or the processor is not getting one of its supply voltages.

Raimnud - make sure pin 1 (reset) of the processor (MEGA48) is at 5 volts and not floating and that the two 5V supply pins are okay, along with the grounds.

Steve KD1JV

2145. Re: [pfr3_group] Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-18 22:33:58 UTC
From: Steve Smith
Topic: 2126 Message: 2145

Hi Raimund,

The manuals for the PFR3A show 1K for R30 which would make the voltage 0.22 V.

Yes, I can understand that this drives you crazy! Hope you are well soon.

Steve: It almost sounds like he has a PRF3 not an 'A'. Is it possible that he received a PFR3 parts kit with the new style housing or were early PFR3s shipped with 2.2K resistors for R30? He said that he got his kit in late 2009 but it has the decal housing.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "dl1egr" <raimund.reh@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: PFR3 do not start oscillate by powering on
Date: Fri, 18 Mar 2011 21:10:18 -0000

Hi Steve
recalculating junktion
R52-R30 should result as 22k / 2k2 = 0.5Volts (you wrote 0.22v)
I start with S6b in 30m position.
ok for that - all voltages are present at this junction
40m - 2.48v
30m - 1.54v
20m - 0.45v
(this needs to switch S6b through the bands)

also
at the open end of R27 their is 4.97v present.

with this measure I took a look on the display - dark.
switching several times through the bands - no display
I turn to 30m for S6b. power off. 15seconds to wait. power on.
no display.switching to 20m display shows 20 and 060.0 - from this moment on I can run all other bands.

It drives me carzy... it's 10:10pm local and for me I am ill with strong coughing, some liquids behind my right eardrum. Have to take some amoxi 1000 for tonight - I'll leave for now returning tomorow.
thanks to you all folks for your kind assistance!
take care - Raimund.

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> OK that is good information.
>

> Please check the voltage on each position of S6 (left band switch) at the junction of R52 - R30.. It should be 2.5/1.6/0.22 V for 40/30/20. Also, the junction of S4 and R27 must be 5.0 volts with no buttons depressed. These must be very close to these voltages as that sets the A-D input voltages to U7. Anything out of range on either of these measurements may cause problems with U7 correctly initializing.
>
> This should give us a clue as to what is causing the problem.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "dl1egr" <raimund.reh@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: PFR3 do not start oscillate by powering on
> Date: Fri, 18 Mar 2011 14:42:22 -0000
>
> yes - the rig done this since finishing.
> powersupply is solid 12v external.
> in state of "non-running" all voltage are at U7, no pins left or foldet - this small rig works after a while switching the right band-select from band-select. that's what confuse me.
> I start me new investigation now with "resoldering" U7 and around. maybe this helps...
>

Yahoo! Groups Links

2146. Re: [pfr3_group] Re: Steve Weber: Question about U7 Analog inputs

Yahoo group: pfr3_group
Date: 2011-03-18 22:39:52 UTC
From: Steve Smith
Topic: 2139 Message: 2146

Steve,

I re-read Raimund's emails and he says he got the kit in early 2009. Is that before the 3A was released? Maybe it's a PFR3 and he's got U7 problems or didn't make the board mod's, or both?

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Steven Weber" <steve.kd1jv@...>
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Re: Steve Weber: Question about U7 Analog inputs
Date: Fri, 18 Mar 2011 17:57:07 -0400

Actually, there is a very wide tollerance to the voltages.

40 meters: any voltage greater than 2.35 volts
30 meters: any voltage between 1.37 and 2.35 volts
20 meters: any voltage less than 1.37 volts.

Raimund's voltages are well with in these ranges.

The fact the display does not come on until the band switch is changed is a mystery. The display should come on regardless of anything else happening. The display not comming on implies either the reset pin is floating and being pulled low or the processor is not getting one of its supply voltages.

Raimnud - make sure pin 1 (reset) of the processor (MEGA48) is at 5 volts and not floating and that the two 5V supply pins are okay, along with the grounds.

Steve KD1JV

Yahoo! Groups Links

2147. RE: [pfr3_group] Re: Steve Weber: Question about U7 Analog inputs

Yahoo group: pfr3_group
Date: 2011-03-19 00:33:52 UTC
From: Dale Putnam
Topic: 2139 Message: 2147

Thanks Steve, that jolted a memory, for me, I've seen this... same situation, maybe not the same cause.
But for me, it was the soldering around the display module, specifically the supply to the display was suspect.
So resoldering the entire display cured the problem.
And the 5v rails have an effect, that I've see too.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Fri, 18 Mar 2011 22:39:52 +0000
Subject: Re: [pfr3_group] Re: Steve Weber: Question about U7 Analog inputs

Steve,

I re-read Raimund's emails and he says he got the kit in early 2009. Is that before the 3A was released? Maybe it's a PFR3 and he's got U7 problems or didn't make the board mod's, or both?

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Steven Weber" <steve.kd1jv@...>
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Re: Steve Weber: Question about U7 Analog inputs
Date: Fri, 18 Mar 2011 17:57:07 -0400

Actually, there is a very wide tollerance to the voltages.

40 meters: any voltage greater than 2.35 volts
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20 meters: any voltage less than 1.37 volts.

Raimund's voltages are well with in these ranges.

The fact the display does not come on until the band switch is changed is a
mystery. The display should come on regardless of anything else happening.
The display not comming on implies either the reset pin is floating and
being pulled low or the processor is not getting one of its supply voltages.

Raimnud - make sure pin 1 (reset) of the processor (MEGA48) is at 5 volts
and not floating and that the two 5V supply pins are okay, along with the
grounds.

Steve KD1JV

Yahoo! Groups Links

2148. RE: [pfr3_group] Re: Recommended Headphones

Yahoo group: pfr3_group
Date: 2011-03-19 00:54:20 UTC
From: Dale Putnam
Topic: 2127 Message: 2148

the Scaf filter fits into an Altoids box...

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jecford@...
Date: Fri, 18 Mar 2011 21:03:15 +0000
Subject: [pfr3_group] Re: Recommended Headphones

that is plenty long for me as the headphone jack on my "big rig" is on the front and i generally take the 'phones off when it is time to get up and stretch.

my only real complaint about most headphones is that the freq. response is too good and thumps and hiss are audible.

hoping to win a nescaf filter at OzarkCon next month!

Also looking for a passive filter plan that does not use the huge and hard to find 88mH phone toroids and will fit in an altoids box. I'm wondering if a single stage filter would be good enough to make listening more pleasant.

2149. Re: [pfr3_group] Re: Recommended Headphones

Yahoo group: pfr3_group
Date: 2011-03-19 01:08:35 UTC
From: MAXXOUT2@AOL.COM
Topic: 2127 Message: 2149

Actually you can put 2 on them in the same box.
BTW,
I see the title bar and I tried many different ear buds.
The best ones so far are the $19.99 Phillips and GET READY,
Radio shack AUVIO PEARL BUDS 96 dB and 16 ohms
A super close 2nd to the Phillips and on sale for $9.99 and then come with
3 different size foam ear pieces.

BOB
AF2Q

In a message dated 3/18/2011 5:55:39 P.M. Pacific Daylight Time,
daleputnam@... writes:

the Scaf filter fits into an Altoids box...

--... ...-- Dale - WC7S in Wy

2150. New hams looking for a contact

Yahoo group: pfr3_group
Date: 2011-03-19 01:22:35 UTC
From: N. A. Monllor
Topic: 2127 Message: 2150

Hi Guys,

Tomorrow my children and I will be on our QRP and QRPp rigs from 8am e.s.t. till 2 pm e.s.t.

We'll be on our RockMites and PFR3A.

If you can listen for their callsigns as it will be their first time on the air sending CW and I thought it would be neat if they made a couple of contacts.

Their call signs are:

KJ4ZRU and KK4ASD

It'll be slow , so please be patient.

Thank you all,

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

2151. Forgot to give frequencies,

Yahoo group: pfr3_group
Date: 2011-03-19 01:29:36 UTC
From: N. A. Monllor
Topic: 2117 Message: 2151

7,106, 7,110, 7,122, 7,028, 7,027

Thank you

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

2152. PFR3 vs PFR 3A

Yahoo group: pfr3_group
Date: 2011-03-19 01:38:11 UTC
From: MAXXOUT2@AOL.COM
Topic: 2152 Message: 2152

I mailed several list members more then once yesterday and I saw them post
to the list so I guess I have to post it the pray for an answer
What is the difference between the prf3 and prf3A and can the prf3 be
upgraded to the prf3A?
BOB
AF2Q

2153. Re: PFR3 vs PFR 3A

Yahoo group: pfr3_group
Date: 2011-03-19 02:01:25 UTC
From: Steven
Topic: 2152 Message: 2153

The differences are minor. Some mechanical changes were made to make assembly in some areas easier. The major difference was the addition of an audio AGC circuit instead of passive diode clipping of strong signals.

No, the PFR3 can not be ungraded to a PFR-3A and there really isn't any need to.

>
> I mailed several list members more then once yesterday and I saw them post
> to the list so I guess I have to post it the pray for an answer
> What is the difference between the prf3 and prf3A and can the prf3 be
> upgraded to the prf3A?
> BOB
> AF2Q
>

2154. Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-19 02:08:20 UTC
From: Steven
Topic: 2126 Message: 2154

> Steve: It almost sounds like he has a PRF3 not an 'A'.

Yes, looking back he says he got the kit in early 09 and did not come with decals.

Raimund,

There is a cut and jump mod which needs to be done. Pin 7 of U6 (the mega48 processor) needs to be connected to pin 20, NOT to pin 21 as it is wired on the board.

This mod is made to the bottom of the board, so it does not need to be removed from the case. Cut the track between pins 7 and 21. Add a jumper to connect pin 7 to pin 20.

This should fix up the problem. I'm sorry this mod never made it into one of the manuals for the original PFR-3. I think there is a errata about it in the group files section.

2155. Re: [pfr3_group] Re: PFR3 vs PFR 3A

Yahoo group: pfr3_group
Date: 2011-03-19 02:12:29 UTC
From: MAXXOUT2@AOL.COM
Topic: 2152 Message: 2155

OK Steve,
Thanks for responding.
BOB
AF2Q

In a message dated 3/18/2011 7:01:27 P.M. Pacific Daylight Time,
steve.kd1jv@... writes:

The differences are minor. Some mechanical changes were made to make
assembly in some areas easier. The major difference was the addition of an audio
AGC circuit instead of passive diode clipping of strong signals.

No, the PFR3 can not be ungraded to a PFR-3A and there really isn't any
need to.

2156. Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-19 09:57:29 UTC
From: dl1egr
Topic: 2126 Message: 2156

Hi Steve & the group
this final reply fix this thread. the pfr-3 act as it should.
please at this to all manuals aspecially the online editions!
after 2 years (not continouly!) looking I decide to yoin the group!
I never would imagine that wrong routing on the PCB was the fault.
So many thanks to all folks assisting me! you all did a brilliant job!
wow - I like this citrone - bitter sweet! really!
72 es 52 de Raimund, DL1EGR

--- In pfr3_group@yahoogroups.com, "Steven" <steve.kd1jv@...> wrote:
>
>
> > Steve: It almost sounds like he has a PRF3 not an 'A'.
>
> Yes, looking back he says he got the kit in early 09 and did not come with decals.
>
> Raimund,
>
> There is a cut and jump mod which needs to be done. Pin 7 of U6 (the mega48 processor) needs to be connected to pin 20, NOT to pin 21 as it is wired on the board.
>
> This mod is made to the bottom of the board, so it does not need to be removed from the case. Cut the track between pins 7 and 21. Add a jumper to connect pin 7 to pin 20.
>
> This should fix up the problem. I'm sorry this mod never made it into one of the manuals for the original PFR-3. I think there is a errata about it in the group files section.
>

2157. Re: PFR3 do not start oscillate by powering on

Yahoo group: pfr3_group
Date: 2011-03-19 14:40:21 UTC
From: dl1egr
Topic: 2126 Message: 2157

Hi Steve
yup you got it right - according to the assembly manual it should be an early 09 edition (decal to install after assembly etc.).
problem is solved by doing the mod you can read within this thread below. (cut PCB U7 - pin7->>21 making a bridge pin7->>20 - as shown in schematic {which is right!})
so take care and thanks a lot for all your kind assistence.
72 es 52 de Raimund, DL1EGR

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Raimund,
>
> The manuals for the PFR3A show 1K for R30 which would make the voltage 0.22 V.
>
> Yes, I can understand that this drives you crazy! Hope you are well soon.
>
> Steve: It almost sounds like he has a PRF3 not an 'A'. Is it possible that he received a PFR3 parts kit with the new style housing or were early PFR3s shipped with 2.2K resistors for R30? He said that he got his kit in late 2009 but it has the decal housing.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "dl1egr" <raimund.reh@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: PFR3 do not start oscillate by powering on
> Date: Fri, 18 Mar 2011 21:10:18 -0000
>
> Hi Steve
> recalculating junktion
> R52-R30 should result as 22k / 2k2 = 0.5Volts (you wrote 0.22v)
> I start with S6b in 30m position.
> ok for that - all voltages are present at this junction
> 40m - 2.48v
> 30m - 1.54v
> 20m - 0.45v
> (this needs to switch S6b through the bands)
>
> also
> at the open end of R27 their is 4.97v present.
>
> with this measure I took a look on the display - dark.
> switching several times through the bands - no display
> I turn to 30m for S6b. power off. 15seconds to wait. power on.
> no display.switching to 20m display shows 20 and 060.0 - from this moment on I can run

all other bands.
>
> It drives me carzy... it's 10:10pm local and for me I am ill with strong coughing, some liquids behind my right eardrum. Have to take some amoxi 1000 for tonight - I'll leave for now returning tomorow.
> thanks to you all folks for your kind assistance!
> take care - Raimund.
>
> --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:
> >
> > OK that is good information.
> >
> > Please check the voltage on each position of S6 (left band switch) at the junction of R52 - R30.. It should be 2.5/1.6/0.22 V for 40/30/20. Also, the junction of S4 and R27 must be 5.0 volts with no buttons depressed. These must be very close to these voltages as that sets the A-D input voltages to U7. Anything out of range on either of these measurements may cause problems with U7 correctly initializing.
> >
> > This should give us a clue as to what is causing the problem.
> >
> > 73.......Steve Smith WB6TNL
> >
> > ---------- Original Message ----------
> > From: "dl1egr" <raimund.reh@>
> > To: pfr3_group@yahoogroups.com
> > Subject: [pfr3_group] Re: PFR3 do not start oscillate by powering on
> > Date: Fri, 18 Mar 2011 14:42:22 -0000
> >
> > yes - the rig done this since finishing.
> > powersupply is solid 12v external.
> > in state of "non-running" all voltage are at U7, no pins left or foldet - this small rig works after a while switching the right band-select from band-select. that's what confuse me.
> > I start me new investigation now with "resoldering" U7 and around. maybe this helps...
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2158. Need info

Yahoo group: pfr3_group
Date: 2011-03-19 19:35:59 UTC
From: MAXXOUT2@AOL.COM
Topic: 2158 Message: 2158

I would lie to start doing U tube videos but lost on what I need.
I have a cam corder but 1 10 second hold on the button with the pictures
set to the smallest size ends up being close to 80 megs
Some people told me that this would do what I want
Casio Exilim EXZ35 Digital Camera 12.1MP / 3X / LCD 2.5
Appreciate any suggestions
Thanks BOB
AF2Q

2159. Re: [pfr3_group] Need info

Yahoo group: pfr3_group
Date: 2011-03-19 20:21:47 UTC
From: lahagar1@aol.com
Topic: 2158 Message: 2159

Bob,

You have your station already - a digital camera and computer!

A university study in 2008 concluded there was over 400 years worth of video stored on YouTube! So don't worry about file size - they can handle it. And you don't even need an "FCC license" to broadcast yourself to entire planet Earth!

Of course none of us could ever live long enough to view even a small fraction of what is stored on YouTube, so we will need to know where to look for you, will your channel be "AF2Q"?

By the way, how is your PFR-3 doing?

73, Lynn / NG9D http://www.youtube.com/user/NG9D?feature=mhum

-----Original Message-----
From: MAXXOUT2@...
To: pfr3_group@yahoogroups.com
Cc: hb1a_radio_users@...
Sent: Sat, Mar 19, 2011 2:35 pm
Subject: [pfr3_group] Need info

I would lie to start doing U tube videos but lost on what I need.
I have a cam corder but 1 10 second hold on the button with the pictures set to the smallest size ends up being close to 80 megs
Some people told me that this would do what I want
Casio Exilim EXZ35 Digital Camera 12.1MP / 3X / LCD 2.5
Appreciate any suggestions
Thanks BOB
AF2Q

I would lie to start doing U tube videos but lost on what I need.
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Some people told me that this would do what I want
Casio Exilim EXZ35 Digital Camera 12.1MP / 3X / LCD 2.5
Appreciate any suggestions
Thanks BOB
AF2Q

2160. Re: [pfr3_group] Need info

Yahoo group: pfr3_group
Date: 2011-03-19 20:50:29 UTC
From: MAXXOUT2@AOL.COM
Topic: 2158 Message: 2160

Hi Lynn,I don't have a prf 3 but I may have someone selling me a built one. Is there a way my 3 minute videos can be downloaded to the drive so I can up load them? I did see one for 49.00 and another for 87.00. The girl said she had the same thing but I still had to buy a memory card and that was another 19.99 so maybe I will try my 6 year old big bulky Sony that takes a floppy or the 68 meg memory stick. Only one problem is I don't have the cord. Maybe I should just ask the girl for a date:-). But I don't feel like getting turned down:-). Bob AF2Q
Former Member of the 12 O'clock High Skydivers Team

-----Original Message-----
From: lahagar1@aol.com
Sender: pfr3_group@yahoogroups.com
Date: Sat, 19 Mar 2011 16:21:47
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Cc: <hb1a_radio_users@yahoogroups.ca>
Subject: Re: [pfr3_group] Need info

Bob,

You have your station already - a digital camera and computer!

A university study in 2008 concluded there was over 400 years worth of video stored on YouTube! So don't worry about file size - they can handle it. And you don't even need an "FCC license" to broadcast yourself to entire planet Earth!

Of course none of us could ever live long enough to view even a small fraction of what is stored on YouTube, so we will need to know where to look for you, will your channel be "AF2Q"?

By the way, how is your PFR-3 doing?

73, Lynn / NG9D http://www.youtube.com/user/NG9D?feature=mhum

-----Original Message-----
From: MAXXOUT2@AOL.COM
To: pfr3_group@yahoogroups.com
Cc: hb1a_radio_users@yahoogroups.ca
Sent: Sat, Mar 19, 2011 2:35 pm
Subject: [pfr3_group] Need info

I would lie to start doing U tube videos but lost on what I need.
I have a cam corder but 1 10 second hold on the button with the pictures set to the smallest size ends up being close to 80 megs
Some people told me that this would do what I want
Casio Exilim EXZ35 Digital Camera 12.1MP / 3X / LCD 2.5
Appreciate any suggestions

Thanks BOB
AF2Q

I would lie to start doing U tube videos but lost on what I need.
I have a cam corder but 1 10 second hold on the button with the pictures set to the smallest size ends up being close to 80 megs
Some people told me that this would do what I want
Casio Exilim EXZ35 Digital Camera 12.1MP / 3X / LCD 2.5
Appreciate any suggestions
Thanks BOB
AF2Q

2161. Sorry for the delay

Yahoo group: pfr3_group
Date: 2011-03-20 23:57:35 UTC
From: MAXXOUT2@AOL.COM
Topic: 2161 Message: 2161

Many thanks to the guys who responded to me about the Utube phone.
I almost picked one up today and the price was good but I had to pay extra
for the memory card and some other item so I went for it but realized I
have to pay for that PFR-3 that will be here Wednesday then I can be official.
I have a button badge machine so I just may start banging out PFR3 pin
badges.
If it oes arrive on WED. I will be on 7.035 + - 5KC at 5 PM EST or 19:00
UTC
It took som time to download the video to watch the rig in action but it
was worth it
Sounds great
BOB
AF2Q
PFR 3 member number pending <~~~~~~

2162. sending

Yahoo group: pfr3_group
Date: 2011-03-21 00:43:00 UTC
From: MAXXOUT2@AOL.COM
Topic: 2162 Message: 2162

I'm looking at this utube video.
At the start it shows the person using the squeeze method of the paddles
and his fingers are to far away from the finger pieces and you can see that
paddle moving around.
That guy needs some practice
BOB
AF2Q _http://www.youtube.com/watch?v=v0JYYZ9Ywng_
(http://www.youtube.com/watch?v=v0JYYZ9Ywng)

2163. RE: [pfr3_group] sending

Yahoo group: pfr3_group
Date: 2011-03-21 00:54:02 UTC
From: Dale Putnam
Topic: 2162 Message: 2163

Seems to me that he needs practice,... maybe a few years in a traffic net with real traffic. I have that Vibroplex brass racer too...and I have mine set so it doesn't move, and you don't have to lose touch with the paddles to release it.
Works fine. His isn't set up the way mine is.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: MAXXOUT2@AOL.COM
Date: Sun, 20 Mar 2011 20:43:00 -0400
Subject: [pfr3_group] sending

I'm looking at this utube video.
At the start it shows the person using the squeeze method of the paddles and his fingers are to far away from the finger pieces and you can see that paddle moving around.
That guy needs some practice
BOB
AF2Q http://www.youtube.com/watch?v=v0JYYZ9Ywng

2164. Re: [pfr3_group] sending

Yahoo group: pfr3_group
Date: 2011-03-21 00:58:48 UTC
From: MAXXOUT2@AOL.COM
Topic: 2162 Message: 2164

Yeah,
I agree,
I never lose contact from the finger pieces with my fingers.
Looks like he's slapping the finger pieces. I keep mine very light and very close.
BOB
AF2Q

In a message dated 3/20/2011 5:54:18 P.M. Pacific Daylight Time,
daleputnam@... writes:

Seems to me that he needs practice,... maybe a few years in a traffic net with real traffic. I have that Vibroplex brass racer too...and I have mine set so it doesn't move, and you don't have to lose touch with the paddles to release it.
Works fine. His isn't set up the way mine is.

--... ...-- Dale - WC7S in Wy

2165. Swr indicator

Yahoo group: pfr3_group
Date: 2011-03-21 01:15:24 UTC
From: W0JP
Topic: 2165 Message: 2165

Just built my PFR3 and testing components, so far everything seems fine except swr indicator. I have my radio going to external swr meter to a dummy load. Swr meter indicates 1:1 to 1 swr as expected. When I select tune on the PFR3 the LED lights up red. I have not mounted in the case yet. I have 52 ohm mini coax going to a bnc directly from mainboard connection for coax. Does anyone know if the SWR indicator is for the BLT tuner only and requires the case switch that feeds the coax connector through the blt tuner?

Thanks,
Dennis
W0JP

2166. RE: [pfr3_group] sending

Yahoo group: pfr3_group
Date: 2011-03-21 01:20:00 UTC
From: Dale Putnam
Topic: 2162 Message: 2166

Although, I have seen some of the old traffic handlers that learned on a bug.... like a sideswiper, do a quite a lot of slapping...
they sent well.. it just looks different than what I've been used to for a Brass Racer or paddle key.
Such is the way of things.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: MAXXOUT2@...
Date: Sun, 20 Mar 2011 20:58:48 -0400
Subject: Re: [pfr3_group] sending

Yeah,
I agree,
I never lose contact from the finger pieces with my fingers.
Looks like he's slapping the finger pieces. I keep mine very light and very close.
BOB
AF2Q

In a message dated 3/20/2011 5:54:18 P.M. Pacific Daylight Time, daleputnam@... writes:

Seems to me that he needs practice,... maybe a few years in a traffic net with real traffic. I have that Vibroplex brass racer too...and I have mine set so it doesn't move, and you don't have to lose touch with the paddles to release it.
Works fine. His isn't set up the way mine is.

--... ...-- Dale - WC7S in Wy

2167. Re: [pfr3_group] sending

Yahoo group: pfr3_group
Date: 2011-03-21 02:28:00 UTC
From: lahagar1@aol.com
Topic: 2162 Message: 2167

Hi Dale and Bob. Not sure if this has anything to do with PFR3_group ... but Dale, you hit the nail on the head - I learned on a bug in 1972 and only got a paddle many years later.

If you guys want to see some paddle slapping, watch this -- that kid Tarik can make some Morse music!
http://www.youtube.com/watch?v=CXAXrHJUqvk&feature=related

Bob, now that you are on YouTube, maybe you could give us short video tutorial on proper keying techniques. I read your pfr3_group postings with interest and bet your videos will be just as entertaining ;-)

73,
Lynn
NG9D

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, Mar 20, 2011 8:20 pm
Subject: RE: [pfr3_group] sending

Although, I have seen some of the old traffic handlers that learned on a bug.... like a sideswiper, do a quite a lot of slapping...
they sent well.. it just looks different than what I've been used to for a Brass Racer or paddle key.
Such is the way of things.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: MAXXOUT2@AOL.COM
Date: Sun, 20 Mar 2011 20:58:48 -0400
Subject: Re: [pfr3_group] sending

Yeah,
I agree,
I never lose contact from the finger pieces with my fingers.
Looks like he's slapping the finger pieces. I keep mine very light and very close.
BOB
AF2Q

In a message dated 3/20/2011 5:54:18 P.M. Pacific Daylight Time, daleputnam@... writes:

Seems to me that he needs practice,... maybe a few years in a traffic net with real traffic. I have that Vibroplex brass racer too...and I have mine set so it doesn't move, and you don't have to lose touch with the paddles to release it.

Works fine. His isn't set up the way mine is.

--... ...-- Dale - WC7S in Wy

2168. RE: [pfr3_group] sending

Yahoo group: pfr3_group
Date: 2011-03-21 02:43:10 UTC
From: Dale Putnam
Topic: 2162 Message: 2168

Hi Lynn,
I used to listen to a pair of fellows that played chess over the air, finally got to meet one of them, he had a bug, and slapped it too.
The folks in the Maritime Marine for the most part seemed to slap too... shoot for that matter, so do I when I come in from working with the horses, or building fence. And I need the horses to behave, when I take the PFR3 with me, in one of the saddle bags, and ride through the national forest, stopping to rest, let Sassy get a drink and a bite of mountain grass, while I play radio. It's a fun time. I'd do it mobile horse.. but I haven't gotten a good ground system figured out, under the whip..... you see.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: lahagar1@aol.com
Date: Sun, 20 Mar 2011 22:28:00 -0400
Subject: Re: [pfr3_group] sending

Hi Dale and Bob. Not sure if this has anything to do with PFR3_group ... but Dale, you hit the nail on the head - I learned on a bug in 1972 and only got a paddle many years later.

If you guys want to see some paddle slapping, watch this -- that kid Tarik can make some Morse music!
http://www.youtube.com/watch?v=CXAXrHJUqvk&feature=related

Bob, now that you are on YouTube, maybe you could give us short video tutorial on proper keying techniques. I read your pfr3_group postings with interest and bet your videos will be just as entertaining ;-)

73,
Lynn
NG9D

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, Mar 20, 2011 8:20 pm
Subject: RE: [pfr3_group] sending

Although, I have seen some of the old traffic handlers that learned on a bug.... like a sideswiper, do a quite a lot of slapping...
they sent well.. it just looks different than what I've been used to for a Brass Racer or paddle key.
Such is the way of things.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: MAXXOUT2@...
Date: Sun, 20 Mar 2011 20:58:48 -0400
Subject: Re: [pfr3_group] sending

Yeah,
I agree,
I never lose contact from the finger pieces with my fingers.
Looks like he's slapping the finger pieces. I keep mine very light and very close.
BOB
AF2Q

In a message dated 3/20/2011 5:54:18 P.M. Pacific Daylight Time, daleputnam@... writes:

Seems to me that he needs practice,... maybe a few years in a traffic net with real traffic. I have that Vibroplex brass racer too...and I have mine set so it doesn't move, and you don't have to lose touch with the paddles to release it.
Works fine. His isn't set up the way mine is.

--... ...-- Dale - WC7S in Wy

2169. Re: [pfr3_group] Swr indicator

Yahoo group: pfr3_group
Date: 2011-03-21 03:04:02 UTC
From: Steve Smith
Topic: 2165 Message: 2169

Hi Dennis,

You are configured correctly. With the switch in the "Tune" position the SWR indicator is in line with the transmitter output.

Assuming that everything is OK with the SWR indicator transformer and the bridge resistors, the only thing I can think of is that your dummy load is somewhat less than 50 Ohms. Since the bridge resistors in the PFR are 51 Ohms, that might make the LED light. But I can't believe it's that critical.

73.......Steve Smith WB6TNL

2170. Re: [pfr3_group] Swr indicator

Yahoo group: pfr3_group
Date: 2011-03-21 03:47:19 UTC
From: Dennis
Topic: 2165 Message: 2170

Hi Steve,
Thanks for the reply.
I have the Tayloe swr indicator from qrpkits which looks like the same circuit which works fine with both 100w dummy loads I use and did not fully light until I used a 100 ohm to simulate higher swr to test.
so if the same circuit , there appears to be some good tolerance if DL was off even 10 ohms.

I thought maybe using actual 50 ohm coax to test vs. Wire supplied with kit messing up some inductance or reactance compensated for on the board. Will mount in case in a few days and see what happens. Maybe stray RF getting in circuit without the case looking like reflected voltage.
Thanks,
Dennis

2171. Re: [pfr3_group] Swr indicator

Yahoo group: pfr3_group
Date: 2011-03-21 04:06:07 UTC
From: Steve Smith
Topic: 2165 Message: 2171

Hi Dennis,

Yeah, that's what I figured. It's good to have that information about the Tayloe circuit for future reference.

I doubt that the coax is causing your problem unless it's shorted or something. Have you checked to make sure that you have full rated power output with the switch in the Operate position and that it drops by about 1/2 when you move the switch from Operate to Tune. That might give you a clue as to what's going on.

73.......Steve Smith WB6TNL

2172. Re: [pfr3_group] Swr indicator

Yahoo group: pfr3_group
Date: 2011-03-21 04:14:30 UTC
From: Dennis
Topic: 2165 Message: 2172

Actually my power drops from 5 watts in operate to maybe 1/2w in tune.

Dennis
Sent from my iPhone

2173. Re: [pfr3_group] Swr indicator

Yahoo group: pfr3_group
Date: 2011-03-21 05:02:00 UTC
From: Steve Smith
Topic: 2165 Message: 2173

Oops, my mistake. The attenuation should be about 4:1 or 1.25W out with 5W in.

So yours sounds a little low. I'd double check the bridge resistors and T2 connections.

73.......Steve Smith WB6TNL

2174. Re: Steve Weber: Question about U7 Analog inputs

Yahoo group: pfr3_group
Date: 2011-03-21 07:32:00 UTC
From: dl1egr
Topic: 2139 Message: 2174

hi to the group
the mystery is just discovered by following this link within the group:
http://groups.yahoo.com/group/pfr3_group/message/2154
it relay to an error on the PCB!!! where U7-p7 is etched to p21 instead p20 as shown in the schematic. after modding rig runs for worldcup. so be patient and check-out you PCB bottem-side. BUT first find pin 1 (use a marker), counting to pin 7...

tolerance to the voltages should be within a 10% range (according the resistors used....). voltage can be calculate because it results ratio the resistore devide the 5V supply.

thanks for the moment - take care
Raimund, DL1EGR
--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> Actually, there is a very wide tollerance to the voltages.
>
> 40 meters: any voltage greater than 2.35 volts
> 30 meters: any voltage between 1.37 and 2.35 volts
> 20 meters: any voltage less than 1.37 volts.
>
> Raimund's voltages are well with in these ranges.
>
> The fact the display does not come on until the band switch is changed is a
> mystery. The display should come on regardless of anything else happening.
> The display not comming on implies either the reset pin is floating and
> being pulled low or the processor is not getting one of its supply voltages.
>
> Raimnud - make sure pin 1 (reset) of the processor (MEGA48) is at 5 volts
> and not floating and that the two 5V supply pins are okay, along with the
> grounds.
>
> Steve KD1JV
>

2175. Re: [pfr3_group] sending

Yahoo group: pfr3_group
Date: 2011-03-21 08:13:34 UTC
From: MAXXOUT2@AOL.COM
Topic: 2162 Message: 2175

Hi Lynn,
I don't have Utube.
Lot of money for a phone and I really don't have much to post.
I can E mail videos with my phone.
That kid sending,Well he my be sending good but the way he sends is not right.
Holding a heavy key like that and slapping the paddles just is not the proper way
It is very hard to unlearn a mistake.
I use my old bencher and the setting are feather light and contacts very close.
BOB
AF2Q

In a message dated 3/20/2011 7:28:26 P.M. Pacific Daylight Time, lahagar1@... writes:

If you guys want to see some paddle slapping, watch this -- that kid Tarik can make some Morse music!
http://www.youtube.com/watch?v=CXAXrHJUqvk&feature=related
(http://www.youtube.com/watch?v=CXAXrHJUqvk&feature=related)

Bob, now that you are on YouTube, maybe you could give us short video tutorial on proper keying techniques. I read your pfr3_group postings with interest and bet your videos will be just as entertaining ;-)

73,
Lynn

2176. Re: [pfr3_group] Swr indicator

Yahoo group: pfr3_group
Date: 2011-03-22 01:46:27 UTC
From: Dennis Price
Topic: 2165 Message: 2176

Thanks for all the info Steve. I found wires on the transformer got wrapped under each other under the core and were shorting out where they were tinned and basically connecting primary winding to secondary circuit. Untwisted and it works fine now.

Think I'll do some resistor value testing as 1.5:1 lights up quite bright. I would prefer max brightness around 2:1 as long as I get some lighting down low. I think it will be a more effective indicator. I did some testing at 2:1 and final seems fine.

I now run 1w in tune mode and 5w operate with 50 ohm dummy load.

Dennis
Sent from my iPad

2177. Re: [pfr3_group] Swr indicator

Yahoo group: pfr3_group
Date: 2011-03-22 02:15:20 UTC
From: MAXXOUT2@AOL.COM
Topic: 2165 Message: 2177

Hi Dennis,
Glad you got the bug worked out.
I have a wire strung up indoors and 40 meters is really hopping away.
Didn't try for no contacts but bands should be good this weekend as the
flux keeps going up x1 every few hours.
And WED. I should have my prf-3:-)
BOB
AF2Q

In a message dated 3/21/2011 6:44:52 P.M. Pacific Daylight Time,
drp1960@... writes:

Thanks for all the info Steve. I found wires on the transformer got
wrapped under each other under the core and were shorting out where they were
tinned and basically connecting primary winding to secondary circuit.
Untwisted and it works fine now.

Think I'll do some resistor value testing as 1.5:1 lights up quite bright.
I would prefer max brightness around 2:1 as long as I get some lighting
down low. I think it will be a more effective indicator. I did some testing
at 2:1 and final seems fine.

I now run 1w in tune mode and 5w operate with 50 ohm dummy load.

Dennis

2178. Re: [pfr3_group] Swr indicator

Yahoo group: pfr3_group
Date: 2011-03-22 16:36:48 UTC
From: Steve Smith
Topic: 2165 Message: 2178

Hi Dennis,

Glad to be able to help, even if in a small way.

Yes, the final should be fine at 2:1 with the SWR indicator in line because the bridge resistors absorb most of the power.

Yes, you could try increasing the value of R48 to reduce the sensitivity somewhat. Of course, that would make it harder to 'read' the LED outdoors in the bright sun.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: Dennis Price <drp1960@...>

Thanks for all the info Steve. I found wires on the transformer got wrapped under each other under the core and were shorting out where they were tinned and basically connecting primary winding to secondary circuit. Untwisted and it works fine now.

Think I'll do some resistor value testing as 1.5:1 lights up quite bright. I would prefer max brightness around 2:1 as long as I get some lighting down low. I think it will be a more effective indicator. I did some testing at 2:1 and final seems fine.

I now run 1w in tune mode and 5w operate with 50 ohm dummy load.

Dennis

2179. RE: [pfr3_group] First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-23 04:21:30 UTC
From: Bert Thompson
Topic: 2089 Message: 2179

Ren,

Perhaps someone will read this and remember the "qso" and send you some e-mail. I use my ,little yellow box" everyday and the grand kids have put sticker on the box "hearts" ,"hello kitty" and others. I makes "cw" even more enjoyable.

Bert M. Thompson KB3MHB/0 73

--- On Tue, 3/8/11, N. A. Monllor <nmonllor@...> wrote:

From: N. A. Monllor <nmonllor@...>
Subject: RE: [pfr3_group] First real QSO ever, and man did I blow it.....
To: pfr3_group@yahoogroups.com
Date: Tuesday, March 8, 2011, 6:39 PM

Thank you Steve,
Thank you for having designed such an incredible little radio and for your help with my build, I really appreciate it truly. I'd also like to thank Dale in Wy. for having checked it out to make sure I didn't screw it up too badly and make the final adjustments.
All I can say is that I love this little yellow box so much that I had my daughter make a cover for my Kenwood TS-530 and it now sits respectfully in repose, on its space on the shelf. Bravo to you Steve.
As far as the call sign goes, I really think I got it down correctly, as he sent it many times and they just so happen to be letters I know real well. I did have my doubts though, so I inserted pretty much the entire alphabet into QRZ, where I might have made a mistake and still came up with "somewhere in the United States". That's not to say though that you're not correct in the possibility of miscopy.
Thank you all for the kind words of encouragement,
Ren
KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steven Weber
Sent: Tuesday, March 08, 2011 1:23 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] First real QSO ever, and man did I blow it.....

So long as you got the call correct, that's all that really matters. But since the name and address don't seem to match, maybe the call isn't correct? Hate to bring that up as a possability.

But anyway, congrats on the first QSO and many more to follow.

Steve KD1JV

2180. RE: [pfr3_group] First real QSO ever, and man did I blow it.....

Yahoo group: pfr3_group
Date: 2011-03-23 06:51:05 UTC
From: Raimund Reh
Topic: 2089 Message: 2180

Hi Bert
this is Raimund, DL1EGR, starting a thread on PFR-3 group.
Reading your message instandly - here in the EU with all the idiots around a 1.5wtts will be ignored as intruder or something like this. I have one the first PFR-3 without AGC. Last year I stay on a small island call "Juist" in the north sea reading a realy big sign you can't believe getting a 259 report from. I used twin lead and 2x9m...
What sort of antenna are you using???
What's your expereance using the coupling unit?

72 de raimund, DL1EGR

Von: "Bert Thompson" <bertthompson@...>
Gesendet: 23.03.2011 05:21:30
An: pfr3_group@yahoogroups.com
Betreff: RE: [pfr3_group] First real QSO ever, and man did I blow it.....

Ren,

Perhaps someone will read this and remember the "qso" and send you some e-mail. I use my ,little yellow box" everyday and the grand kids have put sticker on the box "hearts" ,"hello kitty" and others. I makes "cw" even more enjoyable.

Bert M. Thompson KB3MHB/0 73

--- On Tue, 3/8/11, N. A. Monllor <nmonllor@tampabay.rr.com> wrote:

From: N. A. Monllor <nmonllor@...>
Subject: RE: [pfr3_group] First real QSO ever, and man did I blow it.....
To: pfr3_group@yahoogroups.com
Date: Tuesday, March 8, 2011, 6:39 PM

Thank you Steve,

Thank you for having designed such an incredible little radio and for your help with my build, I really appreciate it truly. I'd also like to thank Dale in Wy. for having checked it out to make sure I didn't screw it up too badly and make the final adjustments.

All I can say is that I love this little yellow box so much that I had my daughter make a cover for my Kenwood TS-530 and it now sits respectfully in repose, on its space on the shelf. Bravo to you Steve.

As far as the call sign goes, I really think I got it down correctly, as he sent it many times and they just so happen to be letters I know real well. I did have my doubts though, so I inserted pretty much the entire alphabet into QRZ, where I might have made a mistake and still came up with "somewhere in the United States". That's not to say though that you're not correct in the possibility of miscopy.

Thank you all for the kind words of encouragement,
Ren
KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steven Weber
Sent: Tuesday, March 08, 2011 1:23 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] First real QSO ever, and man did I blow it.....

So long as you got the call correct, that's all that really matters. But since the name and address don't seem to match, maybe the call isn't correct? Hate to bring that up as a possability.

But anyway, congrats on the first QSO and many more to follow.

Steve KD1JV

<!-- |**|begin egp html banner|**| -->

<!-- |**|end egp html banner|**| -->

_____
Schon gehört? WEB.DE hat einen genialen Phishing-Filter in die Toolbar eingebaut! http://produkte.web.de/go/toolbar

2181. Paddles

Yahoo group: pfr3_group
Date: 2011-03-24 14:53:18 UTC
From: Ren
Topic: 2181 Message: 2181

Does anyone remember what the price of the last paddle kit sold for??
Thanks,
Ren

2182. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-03-24 15:05:06 UTC
From: arthurok
Topic: 2181 Message: 2182

$39.95?
----- Original Message -----
From: Ren
To: pfr3_group@yahoogroups.com
Sent: Thursday, March 24, 2011 9:53 AM
Subject: [pfr3_group] Paddles

Does anyone remember what the price of the last paddle kit sold for??
Thanks,
Ren

2183. RE: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-03-24 15:17:27 UTC
From: Dale Putnam
Topic: 2181 Message: 2183

I sure like my Baby Black Widow paddles...
Chuck does a great job, too.
http://www.w5jh.net/Paddles.htm

the paddles that come with the PFR-3 may be better when operation is expected in very cold...read-- gloved --

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: arthurok@...
Date: Thu, 24 Mar 2011 10:05:06 -0500
Subject: Re: [pfr3_group] Paddles

$39.95?

----- Original Message -----
From: Ren
To: pfr3_group@yahoogroups.com
Sent: Thursday, March 24, 2011 9:53 AM
Subject: [pfr3_group] Paddles

Does anyone remember what the price of the last paddle kit sold for??
Thanks,
Ren

2184. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-03-24 15:34:56 UTC
From: Steve Smith
Topic: 2181 Message: 2184

The QRPKits paddle kit was $40.00 plus shipping (free shipping if ordered with a PFR3).

http://tinyurl.com/4khw865

73.......Steve Smith WB6TNL

---------- Original Message ----------
Does anyone remember what the price of the last paddle kit sold for??

2185. RE: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-03-24 15:49:16 UTC
From: N. A. Monllor
Topic: 2181 Message: 2185

Okay, thank you .

About $40, excellent.

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steve Smith
Sent: Thursday, March 24, 2011 11:35 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Paddles

The QRPKits paddle kit was $40.00 plus shipping (free shipping if ordered with a PFR3).

http://tinyurl.com/4khw865

73.......Steve Smith WB6TNL

---------- Original Message ----------
Does anyone remember what the price of the last paddle kit sold for??

2186. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-03-24 15:52:35 UTC
From: MAXXOUT2@AOL.COM
Topic: 2181 Message: 2186

Ren,
That was $40.00 and free shipping with another pfr kit
So now you have a good excuse to order another pfr3:-)
BOB
AF2Q

In a message dated 3/24/2011 8:49:27 A.M. Pacific Daylight Time,
nmonllor@... writes:

Okay, thank you .
About $40, excellent.
Ren

2187. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-03-24 16:12:46 UTC
From: Dean Davis
Topic: 2181 Message: 2187

Paddles are no longer available from QRP kits. Doug only did one run of the paddles and they are all sold out. Doug told me that he will not be doing another run of the paddles.

Dean, N7XG

From: MAXXOUT2@...
Sent: Thursday, March 24, 2011 9:00 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Paddles

Ren,
That was $40.00 and free shipping with another pfr kit
So now you have a good excuse to order another pfr3:-)
BOB
AF2Q

In a message dated 3/24/2011 8:49:27 A.M. Pacific Daylight Time,
nmonllor@... writes:

Okay,
thank you .
About
$40, excellent.

Ren

2188. RE: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-03-24 16:15:07 UTC
From: Doug Hendricks
Topic: 2181 Message: 2188
Attachments: 2 described; binary payloads are missing from this source WARC

I recommend the Black Widow PFR3 paddle by Jerry Haigwood, W5JH. It is an excellent paddle at a great price. Doug

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dean Davis
Sent: Thursday, March 24, 2011 9:13 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Paddles

Paddles are no longer available from QRP kits. Doug only did one run of the paddles and they are all sold out. Doug told me that he will not be doing another run of the paddles.

Dean, N7XG

From: MAXXOUT2@...
Sent: Thursday, March 24, 2011 9:00 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Paddles

Ren,

That was $40.00 and free shipping with another pfr kit

So now you have a good excuse to order another pfr3:-)

BOB

AF2Q

In a message dated 3/24/2011 8:49:27 A.M. Pacific Daylight Time, nmonllor@tampabay.rr.com writes:

Okay, thank you .

About $40, excellent.

Ren

2189. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-03-24 16:19:57 UTC
From: arthurok
Topic: 2181 Message: 2189

i think the bbw paddles are much better and a much better value too
always rememberber that a pfr3 is not a ruggedized weather tight rig
----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Thursday, March 24, 2011 10:17 AM
Subject: RE: [pfr3_group] Paddles

I sure like my Baby Black Widow paddles...
Chuck does a great job, too.
http://www.w5jh.net/Paddles.htm

the paddles that come with the PFR-3 may be better when operation is expected in very cold...read-- gloved --

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: arthurok@...
Date: Thu, 24 Mar 2011 10:05:06 -0500
Subject: Re: [pfr3_group] Paddles

$39.95?
----- Original Message -----
From: Ren
To: pfr3_group@yahoogroups.com
Sent: Thursday, March 24, 2011 9:53 AM
Subject: [pfr3_group] Paddles

Does anyone remember what the price of the last paddle kit sold for??
Thanks,
Ren

2190. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-03-24 17:03:41 UTC
From: Lee Mairs (SAG)
Topic: 2181 Message: 2190

Obviously, the paddles were way under priced at $40!
73 de Lee
KM4YY

On 3/24/2011 12:12 PM, Dean Davis wrote:
>
>
> Paddles are no longer available from QRP kits. Doug only did one run of
> the paddles and they are all sold out. Doug told me that he will not be
> doing another run of the paddles.
>
> Dean, N7XG
>
> ---
> *From*: MAXXOUT2@...
> *Sent*: Thursday, March 24, 2011 9:00 AM
> *To*: pfr3_group@yahoogroups.com
> *Subject*: Re: [pfr3_group] Paddles
>
> Ren,
> That was $40.00 and free shipping with another pfr kit
> So now you have a good excuse to order another pfr3:-)
> BOB
> AF2Q
> In a message dated 3/24/2011 8:49:27 A.M. Pacific Daylight Time,
> nmonllor@... writes:
>
>
>
> Okay, thank you .
>
> About $40, excellent.
>
> Ren
>
>
>
>

2191. RE: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-03-24 17:23:44 UTC
From: Dale Putnam
Topic: 2181 Message: 2191

But the Baby Black Widow is available.. and it doesn't cost much over that.
Works pretty nice too.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
CC: dean@...
From: lmairs@...
Date: Thu, 24 Mar 2011 13:03:41 -0400
Subject: Re: [pfr3_group] Paddles

Obviously, the paddles were way under priced at $40!
73 de Lee
KM4YY

On 3/24/2011 12:12 PM, Dean Davis wrote:
Paddles are no longer available from QRP kits. Doug only did one run of the paddles and they are all sold out. Doug told me that he will not be doing another run of the paddles.

Dean, N7XG

From: MAXXOUT2@...
Sent: Thursday, March 24, 2011 9:00 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Paddles

Ren,
That was $40.00 and free shipping with another pfr kit
So now you have a good excuse to order another pfr3:-)
BOB
AF2Q

In a message dated 3/24/2011 8:49:27 A.M. Pacific Daylight Time, nmonllor@... writes:

Okay, thank you .
About $40, excellent.

Ren

2192. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-03-24 17:51:10 UTC
From: arthurok
Topic: 2181 Message: 2192

the baby black widows paddles are a bargain
----- Original Message -----
From: Lee Mairs (SAG)
To: pfr3_group@yahoogroups.com
Cc: Dean Davis
Sent: Thursday, March 24, 2011 12:03 PM
Subject: Re: [pfr3_group] Paddles

Obviously, the paddles were way under priced at $40!
73 de Lee
KM4YY

On 3/24/2011 12:12 PM, Dean Davis wrote:

Paddles are no longer available from QRP kits. Doug only did one run of the paddles and they are all sold out. Doug told me that he will not be doing another run of the paddles.

Dean, N7XG

From: MAXXOUT2@...
Sent: Thursday, March 24, 2011 9:00 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Paddles

Ren,
That was $40.00 and free shipping with another pfr kit
So now you have a good excuse to order another pfr3:-)
BOB
AF2Q

In a message dated 3/24/2011 8:49:27 A.M. Pacific Daylight Time, nmonllor@... writes:

Okay, thank you .

About $40, excellent.

Ren

2193. New Paddles for the PFR3A I made...

Yahoo group: pfr3_group
Date: 2011-03-24 22:16:21 UTC
From: Ren
Topic: 2193 Message: 2193

Hi guys,

I just uploaded a couple of pictures of the new paddles I made. They are in the KG4BAS album.

The base is 6061 Aircraft aluminum and the paddles themselves are of the BullDog type design.

My personal design criteria for these paddles were:

1. A much, much smaller footprint than presently available, with the paddles against the base, the difference is a mere 3/4" from the bare radio.

2. A unit that could be either a permanent fixture to the radio case or taken off, if I wanted to use one of my straight keys.

3. Weight. They weigh in at a mere 1 ounce.

All in all, a successfull homebrew.

I contacted Louis Petkus of BullDog keys, as I didn't want to infringe on his idea without permission and he said that if there was enough interest, he would like to offer these paddles on his website.
Any feedback, as always, is appreciated.

Be well,
Ren
KG4BAS

2194. Returning pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-25 19:38:39 UTC
From: pileupjunkie
Topic: 2194 Message: 2194

Dale was nice enough to let me try this rig out.
I boxed it up once but hated to return it so the next day I did some more test.
Below are the things I found that may help others.
1.I turn rig on then hit tune button.No power on 40 or 30 meters but 5 watts on 20 meters.
I tapped tune button again and when I saw the display I started sending into the dummy load and I had just about 5 watts on all 3 bands
So I used an end fed wire to try making a QSO.
Tuning is to sharp to be of any use because I would spend most of my time trying to get that light out.
I did get it out on 40 meters and almost out on 20 meters but the tuner had no affect on 30 meters.
So I tried again to get a contact and the rig just went dead,
Everything off with the switch on.
I had to shut down and wait 30-45 seconds before I could power up again.
Another thing I noticed is that some times I was sending then my power dropped down to 3 watts then go back to 5.
I did down load the manual and I tuned for max RX then peaked the receiver
I did an A/B test for audio against the HB1A China rig.
The China rig audio was very much louder when tuned with a simple end fed tuner.
From what I know about electronics I think most of the problem with the prf3 is the tuner.
SWR goes up,draws to much current so the rig shuts down.
Also when I finish sending my call I went back to tune and all bands had 5 watts
It only shows power on 20 meters on the first turn on,then tap tune then check the power.
I hated to pack it back up again but it does have a problem.
Maybe Steve will read this and can figure out what the bug is,shut down,power only on 1 band in tune position then changes back to full power on all bands when I tap the tune button and start sending.
That 5 watts on all 3 bands put a big grin on my face but then when I started sending power dropped then the rig shut down.
STEVE,YOU READING THIS?
73
BOB
AF2Q

2195. Re: [pfr3_group] Returning pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-25 19:56:53 UTC
From: ckwishmeier@cs.com
Topic: 2194 Message: 2195

Bob,

This sounds to me like a bad solder connection, probably at one of the torroids. Once the problem is fixed, you will find that the tuner works very well when you catch on to the technique. It will tune almost anything.

With the PFR-3 I used the old-fashioned method of just scraping the enamel from the wire with my pen knife. That worked great.No solder problems. A couple of weeks ago I built a Softrock 40 receiver and thought I would get fancy and sand the enamel from the wire. That did not work well at all. I had to take the wound torroid back out, rewind it, scrape the wires with my knife then solder it back in. That worked. Frustrating isn't it?

Keith
WA9S

-----Original Message-----
From: pileupjunkie <MAXXOUT2@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Mar 25, 2011 3:38 pm
Subject: [pfr3_group] Returning pfr3 rig

Dale was nice enough to let me try this rig out.
I boxed it up once but hated to return it so the next day I did some more test.
Below are the things I found that may help others.
1.I turn rig on then hit tune button.No power on 40 or 30 meters but 5 watts on 20 meters.
I tapped tune button again and when I saw the display I started sending into the dummy load and I had just about 5 watts on all 3 bands
So I used an end fed wire to try making a QSO.
Tuning is to sharp to be of any use because I would spend most of my time trying to get that light out.
I did get it out on 40 meters and almost out on 20 meters but the tuner had no affect on 30 meters.
So I tried again to get a contact and the rig just went dead,
Everything off with the switch on.
I had to shut down and wait 30-45 seconds before I could power up again.
Another thing I noticed is that some times I was sending then my power dropped down to 3 watts then go back to 5.
I did down load the manual and I tuned for max RX then peaked the receiver
I did an A/B test for audio against the HB1A China rig.
The China rig audio was very much louder when tuned with a simple end fed tuner.
From what I know about electronics I think most of the problem with the prf3 is the tuner.
SWR goes up,draws to much current so the rig shuts down.
Also when I finish sending my call I went back to tune and all bands had 5 watts
It only shows power on 20 meters on the first turn on,then tap tune then check the power.
I hated to pack it back up again but it does have a problem.
Maybe Steve will read this and can figure out what the bug is,shut down,power only on 1

band in tune position then changes back to full power on all bands when I tap the tune button and start sending.
That 5 watts on all 3 bands put a big grin on my face but then when I started sending power dropped then the rig shut down.
STEVE,YOU READING THIS?
73
BOB
AF2Q

2196. Re: [pfr3_group] Returning pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-25 20:49:41 UTC
From: MAXXOUT2@AOL.COM
Topic: 2194 Message: 2196

Hi Keith,
Well your thinking like I did.
However three different bugs but 2 point to the tuner.
I did not build the rig and it smells factory new.
Flawless paint.
It is just no power on TUNE when I first fire it up and I don't think that is a tuner problem.
However I have built up several ZM-2 tuners from Emtec but I was able to get some tuning room with them.
I don't want to open the rig because it is going back unless Steve reads this and maybe I can send it to him for needed repairs if he still does them.
I think the FEE is $35.00
Got to admit it has a hot RX and it is tight.
But I think it's more then a solder joint on a core that makes it shut down.
BOB
AF2Q

http://groups.yahoo.com/group/CW-QRP-Homebrewers/
(http://groups.yahoo.com/group/CW-QRP-Homebrewers/)
QRP_L #1437-N.J.QRP-#126-ARS #350-FISTS #4916-SKCC #4570-ARCI-
#4600-NOR-CAL ZOMBI-#243-CW-CODE-WARRIOR # 1 ARRL A1-OP

In a message dated 3/25/2011 1:39:20 P.M. Pacific Daylight Time,
ckwishmeier@... writes:

Bob,

This sounds to me like a bad solder connection, probably at one of the torroids. Once the problem is fixed, you will find that the tuner works very well when you catch on to the technique. It will tune almost anything.

With the PFR-3 I used the old-fashioned method of just scraping the enamel from the wire with my pen knife. That worked great.No solder problems. A couple of weeks ago I built a Softrock 40 receiver and thought I would get fancy and sand the enamel from the wire. That did not work well at all. I had to take the wound torroid back out, rewind it, scrape the wires with my knife then solder it back in. That worked. Frustrating isn't it?

Keith
WA9S

2197. Re: [pfr3_group] Returning pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-25 22:00:29 UTC
From: Steven Weber
Topic: 2194 Message: 2197

Yes, I did read that. But you got the rig from Dale and I'm sure it was working 100% when he shipped it. I don't know what you were powering it with, but it sounds like it was batteries which weren't in too good of shape.

Also there are two "tune" modes. One is the slide switch on the front panel which switches in the SWR bridge and reduces power out by 3/4. You also have to remember that switch has 3 positions, but with the center and left positions connected together.

The second "tune mode" is activated by the menu switch and allows using the paddle like a straight key. Which were you using or both?

Steve KD1JV

2198. Re: [pfr3_group] Returning pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-25 23:50:33 UTC
From: MAXXOUT2@AOL.COM
Topic: 2194 Message: 2198

Steve,
I took my time and down loaded the manual and read that word by word.
I also know about the switches and the high and low Z settings.
Internal batteries are giving me 3 watts for a short time and 5 watts
hanging in with no problem,but it still shut down after sending CQ about 5 times
on 40 meters with the LD out
I used the tune mode to check for power as a straight key with a dummy load
What would cause the rig to show no power on 40,30 but full power on 20
meters?
The rig also tunes but the tuning is more like trying to split a hair..
I built several BLT tuners in the past and 3 that Etech sells.
They are sharp tuning but I do have tuning room about the width between the
2 tick marks.
I was thinking others would come in with input on the tuner but so far no
one has.
The tuner had zero effect on 30 meters and yes it was in the menu tune
mode.
It just stays half lit no matter where the tuner settings were.
I tune for max RX noise then go to the tune mode.
I start with the top knob since that is the one that is a little broader
then I peak the bottom.
20 Meters I can get the LED to almost nothing
I'm willing to send this to you and pay you to look at it.
BOB
AF2Q

In a message dated 3/25/2011 3:00:42 P.M. Pacific Daylight Time,
steve.kd1jv@... writes:

Yes, I did read that. But you got the rig from Dale and I'm sure it was
working 100% when he shipped it. I don't know what you were powering it
with, but it sounds like it was batteries which weren't in too good of
shape.

Also there are two "tune" modes. One is the slide switch on the front
panel
which switches in the SWR bridge and reduces power out by 3/4. You also
have
to remember that switch has 3 positions, but with the center and left
positions connected together.

The second "tune mode" is activated by the menu switch and allows using
the
paddle like a straight key. Which were you using or both?

Steve KD1JV

2199. Re: [pfr3_group] Returning pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-25 21:45:01 UTC
From: ckwishmeier@cs.com
Topic: 2194 Message: 2199

Bob,

I'm pretty sure Steve still will correct any problems with the rig for that $35 fee. As an aside, I'm very thankful that purchased the original Hendricks paddle before they went out of production. It's a great design and perfect for the PFR-3. I wonder if the Elecraft paddle will fit the PFR-3 by some miracle? Might have to rework the connecting holes in the paddle to match the holes in the PFR-3.

Keith

-----Original Message-----
From: MAXXOUT2 <MAXXOUT2@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Mar 25, 2011 4:50 pm
Subject: Re: [pfr3_group] Returning pfr3 rig

Hi Keith,
Well your thinking like I did.
However three different bugs but 2 point to the tuner.
I did not build the rig and it smells factory new.
Flawless paint.
It is just no power on TUNE when I first fire it up and I don't think that is a tuner problem.
However I have built up several ZM-2 tuners from Emtec but I was able to get some tuning room with them.
I don't want to open the rig because it is going back unless Steve reads this and maybe I can send it to him for needed repairs if he still does them.
I think the FEE is $35.00
Got to admit it has a hot RX and it is tight.
But I think it's more then a solder joint on a core that makes it shut down.
BOB
AF2Q

http://groups.yahoo.com/group/CW-QRP-Homebrewers/
QRP_L #1437-N.J.QRP-#126-ARS #350-FISTS #4916-SKCC #4570-ARCI- #4600-NOR-CAL ZOMBI-#243-CW-CODE-WARRIOR # 1 ARRL A1-OP

In a message dated 3/25/2011 1:39:20 P.M. Pacific Daylight Time, ckwishmeier@... writes:

Bob,

This sounds to me like a bad solder connection, probably at one of the torroids. Once the problem is fixed, you will find that the tuner works very well when you catch on to the technique. It will tune almost anything.

With the PFR-3 I used the old-fashioned method of just scraping the enamel from the wire with my pen knife. That worked great.No solder problems. A couple of weeks ago I built a

Softrock 40 receiver and thought I would get fancy and sand the enamel from the wire. That did not work well at all. I had to take the wound torroid back out, rewind it, scrape the wires with my knife then solder it back in. That worked. Frustrating isn't it?

Keith
WA9S

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Keith
WA9S

2200. Re: Fw: [pfr3_group] pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-26 01:23:09 UTC
From: MAXXOUT2@AOL.COM
Topic: 2200 Message: 2200

Steve,
I turn on the rig.
I tap the tune button.
Both switches are set for the band.
I try to tune 40 and 30 and have no power.
I then slide both switches back to 40,tap the tune button and now I have full 5 watts on all three bands.
It does this on the first start up
Several times while sending I noticed the power drop way down.
When it does this the power may go back up or the rig will just shut down.
Also does this with a dummy load hooked up.
When it shuts down I have to wait 30 to 45 seconds before I can power up again.
Enjoy your vacation.
73
BOB
AF2Q

Former Member of the 12 O'clock High Skydivers Team

From: "Steven Weber" <steve.kd1jv@...>
Date: Fri, 25 Mar 2011 21:05:12 -0400
To: <MAXXOUT2@...>
Subject: Re: [pfr3_group] Returning pfr3 rig

The only reason I can think of you had power out on 20 but not on 30 or 40 is that you didn't have both band select switches set properly. The switch on to the right tells the processor which band to set the oscillator to, but the switch in line to the left connects the output of the filter to the antenna. Both switches have to be set to the same position for any power output to occur.

You might still hear signals on receive due to capacitive coupling between the toriods in the filter, but the signal strength would be way down.

There is nothing in the rig which will cause it to "shut down" other then low voltage, and then it would have to be very low, less then 5 volts.

If you were not getting any power out on 40 or 30, how were you getting power to adjust the BLT or call CQ on 40 with? Might all these be related to having the second band select switch in the 20 meter position all the time?

If you indeed had both band select switches set properly, not being able to match on 30 could well be the antenna. What type antenna/feed line are you using?

You could send the rig to me to check out, but you'd better wait 2 months, as I head out of town next Tuesday and will not be back until June.

Steve

I took my time and down loaded the manual and read that word by word.

I also know about the switches and the high and low Z settings.
Internal batteries are giving me 3 watts for a short time and 5 watts hanging in with no problem,but it still shut down after sending CQ about 5 times on 40 meters with the LD out
I used the tune mode to check for power as a straight key with a dummy load
What would cause the rig to show no power on 40,30 but full power on 20 meters?
The rig also tunes but the tuning is more like trying to split a hair..
I built several BLT tuners in the past and 3 that Etech sells.
They are sharp tuning but I do have tuning room about the width between the 2 tick marks.
I was thinking others would come in with input on the tuner but so far no one has.
The tuner had zero effect on 30 meters and yes it was in the menu tune mode.
It just stays half lit no matter where the tuner settings were.
I tune for max RX noise then go to the tune mode.
I start with the top knob since that is the one that is a little broader then I peak the bottom.
20 Meters I can get the LED to almost nothing
I'm willing to send this to you and pay you to look at it.
BOB
AF2Q

In a message dated 3/25/2011 3:00:42 P.M. Pacific Daylight Time, steve.kd1jv@... writes:

Yes, I did read that. But you got the rig from Dale and I'm sure it was working 100% when he shipped it. I don't know what you were powering it with, but it sounds like it was batteries which weren't in too good of shape.

Also there are two "tune" modes. One is the slide switch on the front panel
which switches in the SWR bridge and reduces power out by 3/4. You also have
to remember that switch has 3 positions, but with the center and left positions connected together.

The second "tune mode" is activated by the menu switch and allows using the
paddle like a straight key. Which were you using or both?

Steve KD1JV

2201. Re: [pfr3_group] Returning pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-26 01:28:44 UTC
From: MAXXOUT2@AOL.COM
Topic: 2194 Message: 2201

Keith,
The paddles are different but I like my key with a cord so I can move it around and have my pad under my nose when writing.
Key to my right,rig to the left and pad in the center.
BOB
AF2Q

In a message dated 3/25/2011 6:19:35 P.M. Pacific Daylight Time, ckwishmeier@... writes:

Bob,

I'm pretty sure Steve still will correct any problems with the rig for that $35 fee. As an aside, I'm very thankful that purchased the original Hendricks paddle before they went out of production. It's a great design and perfect for the PFR-3. I wonder if the Elecraft paddle will fit the PFR-3 by some miracle? Might have to rework the connecting holes in the paddle to match the holes in the PFR-3.

Keith

2202. RE: Fw: [pfr3_group] pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-26 02:12:52 UTC
From: N. A. Monllor
Topic: 2200 Message: 2202

Bob,

If you're tapping the tune switch via the menu button and the display shows a "T" with the "T" morse character sound, that is for tuning with an external tuner and not the internal tuner.

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of MAXXOUT2@...
Sent: Friday, March 25, 2011 9:23 PM
To: pfr3_group@yahoogroups.com; steve.kd1jv@...
Subject: Re: Fw: [pfr3_group] pfr3 rig

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I tap the tune button.

Both switches are set for the band.

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When it does this the power may go back up or the rig will just shut down.

Also does this with a dummy load hooked up.

When it shuts down I have to wait 30 to 45 seconds before I can power up again.

Enjoy your vacation.

73

BOB

AF2Q

Former Member of the 12 O'clock High Skydivers Team

From: "Steven Weber" <steve.kd1jv@...>

Date: Fri, 25 Mar 2011 21:05:12 -0400

To: <MAXXOUT2@...>

Subject: Re: [pfr3_group] Returning pfr3 rig

The only reason I can think of you had power out on 20 but not on 30 or 40 is that you didn't have both band select switches set properly. The switch on to the right tells the processor which band to set the oscillator to, but the switch in line to the left connects the output of the filter to the antenna. Both switches have to be set to the same position for any power output to occur.

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I start with the top knob since that is the one that is a little broader
then I peak the bottom.

20 Meters I can get the LED to almost nothing

I'm willing to send this to you and pay you to look at it.

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AF2Q

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steve.kd1jv@... writes:

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to remember that switch has 3 positions, but with the center and left
positions connected together.

The second "tune mode" is activated by the menu switch and allows using the

paddle like a straight key. Which were you using or both?

Steve KD1JV

2203. Re: Fw: [pfr3_group] pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-26 02:40:05 UTC
From: MAXXOUT2@AOL.COM
Topic: 2200 Message: 2203

Hi Ren,
Yes I know that and I read the manual several times and also Eham before I even received the rig.
I had several members mail me but I still cannot get an answer about the tuner.
All i have to do is tune the knobs about the thickness of a business card.
Is your tuner that sharp?
Also remember for some reason my rig just shuts down
BOB
AF2Q

In a message dated 3/25/2011 7:13:03 P.M. Pacific Daylight Time, nmonllor@....com writes:

Bob,
If you’re tapping the tune switch via the menu button and the display shows a “T” with the “T” morse character sound, that is for tuning with an external tuner and not the internal tuner.
Ren

2204. Re: Fw: [pfr3_group] pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-26 04:56:17 UTC
From: Steve Smith
Topic: 2200 Message: 2204

The so-called BLT in the PFR3 is not exactly the same as other Z-Match tuners, including the stand-alone BLT so it will not perform the same, especially as compared to the Emtech ZM-2 which has a wider adjustment range.

According to Doug Hendricks, "Steve, KD1JV, made some mods to the PFR-3 BLT specifically for a 44 foot" (doublet) "using about 50 feet of 450 Ohm window line. L1= 11t CT at 5/1/2, L2=6t. L3=2t, L2 and L3 centered around the CT."

IMO, it is -not- a wide-range tuner and wasn't designed to be. It certainly will not handle end-fed half-wave wires without some external 'help' to get the high impedance down to something manageable by the built-in tuner. Same goes with very low impedance loads. Be that as it may, it's a decent tuner able to be squeezed into a small box.

I've personally found all Z-Match tuners to have 'touchy' tuning and the one in the PFR3 to be not much different than the others.

So, depending upon exactly what you have connected to the terminals it may indeed have a narrow adjustment range or not be able to match it at all.

73.......Steve Smith WB6TNL

2205. Re: Fw: [pfr3_group] pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-26 05:07:22 UTC
From: MAXXOUT2@AOL.COM
Topic: 2200 Message: 2205

OK Steve,
I understand all that but remember the power dropping out?
OK I decided to remove the weak recharge batteries and I put in all new good quality SONY batteries
Now the rig is dead but everything works fine on the external battery so I think a strand from one of the wires was touching another solder joint.
Looks tight where all those wires go but I tuned up on 40 meters and I had 5 watts and the RX is fine,display and all else is fine with external battery.
Nothing with internal batteries so you think that tiny diode could be the problem?
Both my meters are in my cargo trailer
BOB
AF2Q

In a message dated 3/25/2011 9:57:26 P.M. Pacific Daylight Time, sigcom@... writes:

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73.......Steve Smith WB6TNL

2206. Re: Fw: [pfr3_group] pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-26 05:28:21 UTC
From: Steve Smith
Topic: 2200 Message: 2206

I'd suspect a problem with a battery holder at this point. A high-resistance connection in a battery holder could cause the shutting off symptom you've described. If it got worse then the rig could possibly not power-up at all. Could also be a connecting wire problem but IMO that's less probable.

I seem to recall a complaint about battery holders a while back but I don't know if it was in this Group or I read it somewhere else.

Assuming that the 'tiny diode' you're referring to is D5, I very much doubt there's any problem with that. That's a reverse-polarity protection device and would also cause problems powering the rig from an external power source if it were to somehow malfunction.

73.......Steve Smith WB6TNL

2207. Re: Fw: [pfr3_group] pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-26 05:37:03 UTC
From: MAXXOUT2@AOL.COM
Topic: 2200 Message: 2207

Thanks Steve,
That was going through my mind also,the battery holder because everything works on external battery.
I have the bottom off now but those batteries are very snug but i'm going to tighten up the springs and scrape the contacts.
Going over things with a big glass I can see the small solder joints close together and no wires look broken so I'll work on the battery holder.
Thanks for the help.
Bob
AF2Q

In a message dated 3/25/2011 10:29:34 P.M. Pacific Daylight Time, sigcom@... writes:

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73.......Steve Smith WB6TNL

2208. Re: Fw: [pfr3_group] pfr3 rig THANKS STEVE !!!!!!!!!!!!!!!

Yahoo group: pfr3_group
Date: 2011-03-26 05:42:37 UTC
From: MAXXOUT2@AOL.COM
Topic: 2208 Message: 2208

You were right,
I put a bit of tension on the springs and the rig light up:-)
Now i'm going to give all the contacts a good scrapping down.
Thanks for hanging in with me
73
BOB
AF2Q<><

Thanks Steve,
That was going through my mind also,the battery holder because everything
works on external battery.
I have the bottom off now but those batteries are very snug but i'm going
to tighten up the springs and scrape the contacts.
Going over things with a big glass I can see the small solder joints
close together and no wires look broken so I'll work on the battery holder.
Thanks for the help.
Bob
AF2Q

2209. Re: [pfr3_group] pfr3 rig

Yahoo group: pfr3_group
Date: 2011-03-26 11:47:33 UTC
From: ckwishmeier@cs.com
Topic: 2200 Message: 2209

I had trouble with the original battery holders and solved the problem by changing to holders that had both battery ends touching the contacts rather than having one battery butted up against another. This guaranteed better contact. No further problems. Got the new holders at a hamfest.

Keith
WA9S

-----Original Message-----
From: Steve Smith <sigcom@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Mar 26, 2011 1:29 am
Subject: Re: Fw: [pfr3_group] pfr3 rig

I'd suspect a problem with a battery holder at this point. A high-resistance connection in a battery holder could cause the shutting off symptom you've described. If it got worse then the rig could possibly not power-up at all. Could also be a connecting wire problem but IMO that's less probable.

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73.......Steve Smith WB6TNL

2210. Re: [pfr3_group] BLT+EFHW = :-)

Yahoo group: pfr3_group
Date: 2011-03-26 15:36:52 UTC
From: lahagar1@aol.com
Topic: 2200 Message: 2210

Hi Steve,

Thanks for the explanation. But I found I could tune a 20m end fed half wave antenna with the built-in tuner. The antenna was a 34 ft wire with 15 ft counterpoise.

Yes, It tested my patience compared to my L-network tuner. I found the tuning was very sharp. But the tuner did work without any external help and held the match - the LED SWR indicator stayed completely dark any time I would check it.

Noting the approximate position of the tuner in my log book, allowed much faster re-tuning after band switching. Finding the initial setting point is the most time consuming, and needs to be done for every new tree support.

I found the 34 foot wire a convenient size to carry and position vertically. It also worked well on 30 and 40m with the built-in tuner.

I think others have been able to use the built-in tuner with EFHW antennas without external tuners added(?).

So, now you have me curious enough to try end fed half-wave antennas on 30m and 40m too --thanks for the new project idea!

73,

Lynn
NG9D

-----Original Message-----
From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, Mar 25, 2011 11:56 pm
Subject: Re: Fw: [pfr3_group] pfr3 rig

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So, depending upon exactly what you have connected to the terminals it may indeed have a narrow adjustment range or not be able to match it at all.

73.......Steve Smith WB6TNL

2211. Calibration problem

Yahoo group: pfr3_group
Date: 2011-03-26 23:15:28 UTC
From: Kumekazu Inoue
Topic: 2211 Message: 2211

Hi all, I□fm assembling PFR-3A. Group 1 was completed without problem.
Also Group 2 was done. It was received 7MHz CW. Then calibrated DDS by frequency counter. 1st time it□fs 10.0700MHz, I adjusted to 10.000MHz by □gTUNE DN□h switch and stored □gKEYER (Menu)□h switch.
Then power out due to other issue. After I restart assemble, I checked DDS , but no signal on TP1. Why ???? What happen???

```
Current status,
- LED display is fine ( count up/down by key )
- Side tone is fine
- RIT indicator is fine with counter
- No signal receive 7MHz ( normal antenna and SSG)

Please advice to me, how to fix this problem.

Regards.
JG3MVG
```

2212. Re: Paddles

Yahoo group: pfr3_group
Date: 2011-03-26 23:36:01 UTC
From: Bill
Topic: 2181 Message: 2212

--- In pfr3_group@yahoogroups.com, "Lee Mairs (SAG)" <lmairs@...> wrote:
>
> Obviously, the paddles were way under priced at $40!
> 73 de Lee
> KM4YY

Not when you never receive them.

2213. Re: Calibration problem

Yahoo group: pfr3_group
Date: 2011-03-27 14:24:23 UTC
From: Steven Weber
Topic: 2211 Message: 2213

The DDS frequency is rarely more then 100 Hz off at 10 MHz. Something is wrong if you measured 10.0700 MHz, or 70 kHz off frequency.

Unless you meant 10.000,070 MHz , I would re-enter the calibration mode which will restore the "factory" default values and use the default values.

Also, the only time there is a signal on TP1 is during calibration or during transmit. During receive, there is no signal there. When you click the menu (keyer) switch to advance to the offset calibartion, the signal on TP1 is turned off.

2214. BAttery

Yahoo group: pfr3_group
Date: 2011-03-27 22:01:56 UTC
From: OllySteed@aol.com
Topic: 2214 Message: 2214

Gang Radio Shack has a sale on a cam corder battery 10 volts and 2000 mAh for $4.97. A bit bigger then a pack of cigarettes ans thicker
Sent from my BlackBerry® by Boost Mobile

2215. Re: [pfr3_group] BAttery

Yahoo group: pfr3_group
Date: 2011-03-27 22:18:35 UTC
From: arthurok
Topic: 2214 Message: 2215

maybe i could design and machine a battery holder for a battery
like that one
----- Original Message -----
From: <OllySteed@...>
To: <pfr3_group@yahoogroups.com>
Sent: Sunday, March 27, 2011 5:01 PM
Subject: [pfr3_group] BAttery

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> for $4.97. A bit bigger then a pack of cigarettes ans thicker
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>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

2216. Re: [pfr3_group] BAttery

Yahoo group: pfr3_group
Date: 2011-03-27 22:43:30 UTC
From: Jim Harris
Topic: 2214 Message: 2216

Good evening, Folks.
*
*
Can anyone give the RS Catalog No. for this battery?
*
*
Thanks & Best 73.
*
*
Jim.....
WA4NTM

On Sun, Mar 27, 2011 at 5:01 PM, <OllySteed@...> wrote:

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2217. Re: [pfr3_group] BAttery

Yahoo group: pfr3_group
Date: 2011-03-27 22:54:39 UTC
From: OllySteed@aol.com
Topic: 2214 Message: 2217

23-379 price is $4.97 10 volts 2000 mAh
BOB
AF2Q

In a message dated 3/27/2011 3:43:33 P.M. Pacific Daylight Time,
capobs1@... writes:

Can anyone give the RS Catalog No. for this battery?

Thanks & Best 73.

Jim.....
WA4NTM

2218. Re: [pfr3_group] BAttery

Yahoo group: pfr3_group
Date: 2011-03-27 23:01:47 UTC
From: OllySteed@aol.com
Topic: 2214 Message: 2218

Maybe,
I went to the spell check on the phone and I hit send instead.
I just went i to get the 8 cell tray for the AA batteries but they no longer carry them.
I spotted that 2.0 mAh 10 volt battery.# 23-379
I also remembered I have my transmitters for my RC planes and they take 8 AA bateries.
I checked the one and it and it says 2.6 mAh so I can just use my 8 sets of batteries and use the TX built in charger because it has a light that goes on when the charge is full and also has a meter
BOB
AF2Q

In a message dated 3/27/2011 3:18:47 P.M. Pacific Daylight Time, arthurok@... writes:

maybe i could design and machine a battery holder for a battery like that one
----- Original Message -----
From: <OllySteed@...>
To: <pfr3_group@yahoogroups.com>
Sent: Sunday, March 27, 2011 5:01 PM
Subject: [pfr3_group] BAttery

2219. Re: [pfr3_group] BAttery

Yahoo group: pfr3_group
Date: 2011-03-27 23:22:07 UTC
From: Jim Harris
Topic: 2214 Message: 2219

Good evening, Bob.
*
*
Tnx for the Catalog No.
*
*
Best 72 & 73.
*
*
Jim.......
*WA4NTM
*
On Sun, Mar 27, 2011 at 5:54 PM, <OllySteed@...> wrote:

>
>
> 23-379 price is $4.97 10 volts 2000 mAh
> BOB
> AF2Q
>
>
>
>
> In a message dated 3/27/2011 3:43:33 P.M. Pacific Daylight Time,
> capobs1@... writes:
>
> *
> *
> *Can anyone give the RS Catalog No. for this battery?*
> *
> *
> *Thanks & Best 73.*
> *
> *
> *Jim.....*
> *WA4NTM*
>
>
>
>
>

2220. Re: [pfr3_group] BAttery

Yahoo group: pfr3_group
Date: 2011-03-27 23:33:53 UTC
From: Bill VanKirk
Topic: 2214 Message: 2220

*Radioshack

Model:* 23-379 | *Catalog #:* 23-379

On Sun, Mar 27, 2011 at 5:43 PM, Jim Harris <capobs1@...> wrote:

>
>
> *Good evening, Folks.*
> *
> *
> *Can anyone give the RS Catalog No. for this battery?*
> *
> *
> *Thanks & Best 73.*
> *
> *
> *Jim.....*
> *WA4NTM*
>
> On Sun, Mar 27, 2011 at 5:01 PM, <OllySteed@...> wrote:
>
>> Gang Radio Shack has a sale on a cam corder battery 10 volts and 2000 mAh
>> for $4.97. A bit bigger then a pack of cigarettes ans thicker
>> Sent from my BlackBerry® by Boost Mobile
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>>
>>
>
>

2221. Re: [pfr3_group] BAttery

Yahoo group: pfr3_group
Date: 2011-03-27 23:49:25 UTC
From: OllySteed@aol.com
Topic: 2214 Message: 2221

Hi Jim,
I just went back to RS.
Their right in back of where I live but he was closing up so I told him to hang on to the 4 he had left and i'll get those also.
I'll stack 2 packs together and use them as an external supply.
They also have some cheap but good audio ear buds there for $9.00
Part number 33-343, 16 ohms and sound just as good as the Phillips ear buds for double the price.
BOB
AF2Q

In a message dated 3/27/2011 4:22:09 P.M. Pacific Daylight Time, capobs1@... writes:

Good evening, Bob.

Tnx for the Catalog No.

Best 72 & 73.

Jim.......
WA4NTM

2222. Battery mod

Yahoo group: pfr3_group
Date: 2011-03-27 23:59:44 UTC
From: OllySteed@aol.com
Topic: 2222 Message: 2222

Any one know how to do the mod so the internal batteries can be charged without removing them? Bob AF2Q
Former member of the 12 O'clock skydiving team

2223. Re: [pfr3_group] Battery

Yahoo group: pfr3_group
Date: 2011-03-28 02:43:29 UTC
From: Steve Smith
Topic: 2223 Message: 2223

That Radio Shack battery is Lead Acid (SLA, I'd bet). Probably fairly weighty compared to other chemistries. Still a bargain though. The $x.97 price indicates it's a clearance item so get 'em while you can.

73.......Steve Smith WB6TNL

2224. Re: Calibration problem

Yahoo group: pfr3_group
Date: 2011-03-28 04:18:16 UTC
From: Kumekazu Inoue
Topic: 2211 Message: 2224

Thanks your quick reply.

I can not get any signal at TP1 in "CAL.r" mode. So my frequency counter and Radio. And It can not receive signal on normal mode.

What device have problem or damage ?

Regards.

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> The DDS frequency is rarely more then 100 Hz off at 10 MHz. Something is
> wrong if you measured 10.0700 MHz, or 70 kHz off frequency.
>
> Unless you meant 10.000,070 MHz , I would re-enter the calibration mode
> which will restore the "factory" default values and use the default values.
>
> Also, the only time there is a signal on TP1 is during calibration or during
> transmit. During receive, there is no signal there. When you click the menu
> (keyer) switch to advance to the offset calibartion, the signal on TP1 is
> turned off.
>

2225. Sending Speed

Yahoo group: pfr3_group
Date: 2011-03-28 16:24:32 UTC
From: Richard Powers
Topic: 2225 Message: 2225

Is Code Speed controlled from the PFR-3 or by some adjustment of the Vibrokeyer?
Whoops! One more - Where can I find info on how to wire my J38 to the PFR-3?
Thanks,
Dick WB9PWQ

2226. Re: Sending Speed

Yahoo group: pfr3_group
Date: 2011-03-28 17:59:15 UTC
From: James
Topic: 2225 Message: 2226

if you put a mono plug on the straight key, the rig will detect it and go to straight key mode when you power on. If all you have is stereo plugs, hook the two wires that go to the shaft together, this essentially makes it into a mono plug.

press the first button and release, it will go to set speed mode, and the display shows the speed. hit the dit paddle to decrease the speed or the dah paddle to increase the speed.

this is in the instructions.

2227. RE: [pfr3_group] Sending Speed

Yahoo group: pfr3_group
Date: 2011-03-28 20:25:56 UTC
From: Dale Putnam
Topic: 2225 Message: 2227

the speed of the keyer is on the second touch of hte menu button, where it pops up with "C20".. then by touching one side of the other of the paddle.... it will speed up.. "C24" or slow "c18" in 2 wpm steps. As for the wiring.. the tip of the plug is the contact to ground. And if you have the plug inserted as you turn it on.. the J38 will operate as a straight key...
I may have missed a note there... wire the "ring" of the stereo plug to ground. I use mine with a Baby Black Widow... and leave the Junkers Key for the "big" rig . (Didn't say it was QRO tho)
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: powers_richard@yahoo.com
Date: Mon, 28 Mar 2011 09:24:32 -0700
Subject: [pfr3_group] Sending Speed

Is Code Speed controlled from the PFR-3 or by some adjustment of the Vibrokeyer?
Whoops! One more - Where can I find info on how to wire my J38 to the PFR-3?
Thanks,
Dick WB9PWQ

2228. Re: PFR-3 mod

Yahoo group: pfr3_group
Date: 2011-03-28 21:18:08 UTC
From: OllySteed@aol.com
Topic: 2228 Message: 2228

THANK_____Q but wrong info:-)
Anyone ever open up one of the Radio Shack 1 million candle power spot lights?
I have one here and that small battery inside will keep that 55 watt bulb going for 45 minutes before it starts to dim.
They were on sale for $9.97 but back to $19.00 again
Another source of cheap battery power.
Later I will be breaking open on of the packs for the cam corder and see if 2 of those packs can be fitted inside.
BOB
AF2Q

In a message dated 3/28/2011 11:09:55 A.M. Pacific Daylight Time, jecford@... writes:

go to radio shack and get a second power plug. drill a hole for it right next to the first one. run wires from it (observe correct polarity) to the points on the board where the battery hooks in. Search "PFR-3 mods" using Yahoo and you will see a write-up of this, but it will not show exactly what to do.

2229. Re: [pfr3_group] Re: PFR-3 mod

Yahoo group: pfr3_group
Date: 2011-03-29 00:06:09 UTC
From: Steve Smith
Topic: 2228 Message: 2229

So, about 48 Watt-hours? That sounds good. Which model is it? The one currently in the RS catalog (Catalog #: 55030148) states:

Battery Type Product
Size Specialty
Voltage 6 Volts
Rechargeable Yes

Whatever that means :-P

73.......Steve Smith WB6TNL

>I have one here and that small battery inside will keep that 55 watt bulb going for 45 minutes before it starts to dim.
They were on sale for $9.97 but back to $19.00 again
Another source of cheap battery power.

2230. Re: [pfr3_group] Re: PFR-3 mod

Yahoo group: pfr3_group
Date: 2011-03-29 00:12:20 UTC
From: OllySteed@aol.com
Topic: 2228 Message: 2230

Don't know since mine is in the cargo trailer but I assume from the weight
of the light it must be a 6 volt system
BOB
AF2Q

In a message dated 3/28/2011 5:07:27 P.M. Pacific Daylight Time,
sigcom@... writes:

So, about 48 Watt-hours? That sounds good. Which model is it? The one
currently in the RS catalog (Catalog #: 55030148) states:

Battery Type Product
Size Specialty
Voltage 6 Volts
Rechargeable Yes

Whatever that means :-P

73.......Steve Smith WB6TNL

>I have one here and that small battery inside will keep that 55 watt bulb
going for 45 minutes before it starts to dim.
They were on sale for $9.97 but back to $19.00 again
Another source of cheap battery power.

2231. Logging Software

Yahoo group: pfr3_group
Date: 2011-03-29 22:13:32 UTC
From: Richard Powers
Topic: 2231 Message: 2231

Gents - or - Ladies;
What is some good low traffic Software for CW Logging? I am not into Contests or anything fancy like that - my code speed is slow & slower.

Thanks,
Dick WB9PWQ

2232. Re: [pfr3_group] Logging Software

Yahoo group: pfr3_group
Date: 2011-03-30 01:16:13 UTC
From: Rockinghorse Winner
Topic: 2231 Message: 2232

On Tue, Mar 29, 2011 at 03:13:32PM -0700, Richard Powers wrote:
> Gents - or - Ladies;
> What is some good low traffic Software for CW Logging? I am not into Contests or
> anything fancy like that - my code speed is slow & slower.
>
> Thanks,
> Dick WB9PWQ?
>
>
>

I personally don't use computer logging software anymore. At my rate of a couple of contacts a week, it's more intrusive than helpful. But if I were in your position, I'd be looking for a particular set of capabilities.

1. QRZ lookup is a big help, that will fill in QTH, Name, distance, azimuth heading for you. Saves you the hassle of looking up the call sign yourself.

2. Ability to export to cabrillo format, which is the format most contests require these days. ADIF is helpful for importing into other loggers, so I would look for at least this if Cabrillo export is not available.

3. Fast search. Computer loggers are useless unless they have this basic ability, IMO.

4. Dupe checker - you want to see all your previous contacts when you enter a call sign, so you can see all the info and comments.

5. Backup - You definitely want a simple way to back up your log, because you will need it later on. Trust me. :)

That would be my minimum list of features. However, if you want to go really minimal, you don't need anything but a spreadsheet program or word processing program.

Just my 2 cents worth.

Terry
NY6P
--
Powered by Linux |/ 2.6.32.26-175 Fedora 12
"No spyware. No viruses. No nags." |/ 2.6.31.12-0.2 OpenSUSE 11.2
http://www.jamendo.com |/Mutt 1.5.21 slrn 0.9.9p1 Irssi 0.8.15
"Preach the gospel always; when necessary use words." St. Francis

2233. RE: [pfr3_group] Logging Software

Yahoo group: pfr3_group
Date: 2011-03-30 13:42:22 UTC
From: Catalin Lazaroiu
Topic: 2231 Message: 2233

Hi !

Try the last version (v5) of Ham Radio Deluxe application (http://www.ham-radio-deluxe.com/) with the dedicated module for logging, HRDLogbook. At the first contact it looks very complicated, but in time you will find very useful and covers almost any request. In addition, you can use also this tool to put your LOG on the WEB, using the free service at http://www.hrdlog.net/. If you have eQSL account, you can use Ham Radio Deluxe to upload your QSOs on this site.

Best 73 !
Catalin, YO3FVR

To: pfr3_group@yahoogroups.com
From: ny6p01@...
Date: Tue, 29 Mar 2011 18:16:13 -0700
Subject: Re: [pfr3_group] Logging Software

On Tue, Mar 29, 2011 at 03:13:32PM -0700, Richard Powers wrote:

> Gents - or - Ladies;

> What is some good low traffic Software for CW Logging? I am not into Contests or

> anything fancy like that - my code speed is slow & slower.

>

> Thanks,

> Dick WB9PWQ

>

>

>

I personally don't use computer logging software anymore. At my rate of a

couple of contacts a week, it's more intrusive than helpful. But if I were

in your position, I'd be looking for a particular set of capabilities.

1. QRZ lookup is a big help, that will fill in QTH, Name, distance, azimuth

heading for you. Saves you the hassle of looking up the call sign yourself.

2. Ability to export to cabrillo format, which is the format most contests

require these days. ADIF is helpful for importing into other loggers, so I

would look for at least this if Cabrillo export is not available.

3. Fast search. Computer loggers are useless unless they have this basic ability, IMO.

4. Dupe checker - you want to see all your previous contacts when you enter a call sign, so you can see all the info and comments.

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That would be my minimum list of features. However, if you want to go really minimal, you don't need anything but a spreadsheet program or word processing program.

Just my 2 cents worth.

Terry

NY6P

--

Powered by Linux |/ 2.6.32.26-175 Fedora 12

"No spyware. No viruses. No nags." |/ 2.6.31.12-0.2 OpenSUSE 11.2

http://www.jamendo.com |/Mutt 1.5.21 slrn 0.9.9p1 Irssi 0.8.15

"Preach the gospel always; when necessary use words." St. Francis

2234. Re: [pfr3_group] Logging Software

Yahoo group: pfr3_group
Date: 2011-03-30 15:31:04 UTC
From: Richard Powers
Topic: 2231 Message: 2234

Hi Catalin;
Thanks very much for the reply. Thanks very much to all others also.
Do you use Ham Radio Deluxe?
I think a lot of people here in US Air Force MARS use it also & seem to like it fairly well but they use it for Digital communications.
I just wondered if you use it.
Thanks, Dick WB9PWQ

From: Catalin Lazaroiu <yo3fvr@hotmail.com>
To: pfr3_group@yahoogroups.com
Sent: Wed, March 30, 2011 8:42:22 AM
Subject: RE: [pfr3_group] Logging Software

Hi !

Try the last version (v5) of Ham Radio Deluxe application (http://www.ham-radio-deluxe.com/) with the dedicated module for logging, HRDLogbook. At the first contact it looks very complicated, but in time you will find very useful and covers almost any request. In addition, you can use also this tool to put your LOG on the WEB, using the free service at http://www.hrdlog.net/. If you have eQSL account, you can use Ham Radio Deluxe to upload your QSOs on this site.

Best 73 !
Catalin, YO3FVR

To: pfr3_group@yahoogroups.com
From: ny6p01@...
Date: Tue, 29 Mar 2011 18:16:13 -0700
Subject: Re: [pfr3_group] Logging Software

On Tue, Mar 29, 2011 at 03:13:32PM -0700, Richard Powers wrote:
> Gents - or - Ladies;
> What is some good low traffic Software for CW Logging? I am not into Contests
>or
>
> anything fancy like that - my code speed is slow & slower.
>
> Thanks,
> Dick WB9PWQ
>
>
>

I personally don't use computer logging software anymore. At my rate of a couple of contacts a week, it's more intrusive than helpful. But if I were in your position, I'd be looking for a particular set of capabilities.

1. QRZ lookup is a big help, that will fill in QTH, Name, distance, azimuth heading for you. Saves you the hassle of looking up the call sign yourself.

2. Ability to export to cabrillo format, which is the format most contests require these days. ADIF is helpful for importing into other loggers, so I would look for at least this if Cabrillo export is not available.

3. Fast search. Computer loggers are useless unless they have this basic ability, IMO.

4. Dupe checker - you want to see all your previous contacts when you enter a call sign, so you can see all the info and comments.

5. Backup - You definitely want a simple way to back up your log, because you will need it later on. Trust me. :)

That would be my minimum list of features. However, if you want to go really minimal, you don't need anything but a spreadsheet program or word processing program.

Just my 2 cents worth.

Terry
NY6P
--
Powered by Linux |/ 2.6.32.26-175 Fedora 12
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http://www.jamendo.com |/Mutt 1.5.21 slrn 0.9.9p1 Irssi 0.8.15
"Preach the gospel always; when necessary use words." St. Francis

2235. RE: [pfr3_group] Logging Software

Yahoo group: pfr3_group
Date: 2011-03-31 19:54:58 UTC
From: Catalin Lazaroiu
Topic: 2231 Message: 2235

Hi !
Yes, I use Ham Radio Deluxe and I'm very pleased. The application consists in a suite of modules, with specific functions, but all communicate with each other. Also, you can use only one module, without be affected.
For logbook feature, the database is very well structurated and allows you to save a lot of information, not only for QSO details but also for propagation conditions. Also, you can export in ADIF format in order to use these file with other applications or WEB services.
For those which own compatible RIGs, the application provides graphical control interface and all the tunings are visible in all software modules, even in HRD Logbook. Also, the Digital Master module works great, especially for PSK modes, but also for CW. The Digital Master module could be also used for SSTV. I don't try it so I can tell you how it works.
So, try it, I think you'll be happy, even at the beginning may seem a little complicated.
And if you like, try also to create an account on hrdlog.net. After the right setup of the application, your saved QSOs will be automatically uploaded (via an Internet connection) to this site. In manual mode you can upload your QSO details to eQSL.cc
Good luck and best 73 !
Catalin, YO3FVR
To: pfr3_group@yahoogroups.com
From: powers_richard@...
Date: Wed, 30 Mar 2011 08:31:04 -0700
Subject: Re: [pfr3_group] Logging Software

Hi Catalin;
Thanks very much for the reply. Thanks very much to all others also.
Do you use Ham Radio Deluxe?
I think a lot of people here in US Air Force MARS use it also & seem to like it fairly well but they use it for Digital communications.
I just wondered if you use it.
Thanks, Dick WB9PWQ

From: Catalin Lazaroiu <yo3fvr@...>
To: pfr3_group@yahoogroups.com
Sent: Wed, March 30, 2011 8:42:22 AM
Subject: RE: [pfr3_group] Logging Software

Hi !

Try the last version (v5) of Ham Radio Deluxe application (http://www.ham-radio-deluxe.com/) with the dedicated module for logging, HRDLogbook. At the first contact it looks very complicated, but in time you will find very useful and covers almost any request. In addition, you can use also this tool to put your LOG on the WEB, using the free service at http://www.hrdlog.net/. If you have eQSL account, you can use Ham Radio Deluxe to upload your QSOs on this site.

Best 73 !
Catalin, YO3FVR

To: pfr3_group@yahoogroups.com
From: ny6p01@...
Date: Tue, 29 Mar 2011 18:16:13 -0700
Subject: Re: [pfr3_group] Logging Software

On Tue, Mar 29, 2011 at 03:13:32PM -0700, Richard Powers wrote:
> Gents - or - Ladies;
> What is some good low traffic Software for CW Logging? I am not into Contests or
> anything fancy like that - my code speed is slow & slower.
>
> Thanks,
> Dick WB9PWQ
>
>
>

I personally don't use computer logging software anymore. At my rate of a
couple of contacts a week, it's more intrusive than helpful. But if I were
in your position, I'd be looking for a particular set of capabilities.

1. QRZ lookup is a big help, that will fill in QTH, Name, distance, azimuth
heading for you. Saves you the hassle of looking up the call sign yourself.

2. Ability to export to cabrillo format, which is the format most contests
require these days. ADIF is helpful for importing into other loggers, so I
would look for at least this if Cabrillo export is not
available.

3. Fast search. Computer loggers are useless unless they have this basic
ability, IMO.

4. Dupe checker - you want to see all your previous contacts when you enter
a call sign, so you can see all the info and comments.

5. Backup - You definitely want a simple way to back up your log, because
you will need it later on. Trust me. :)

That would be my minimum list of features. However, if you want to go really
minimal, you don't need anything but a spreadsheet program or word
processing program.

Just my 2 cents worth.

Terry
NY6P
--
Powered by Linux |/ 2.6.32.26-175 Fedora 12
"No spyware. No viruses. No nags." |/ 2.6.31.12-0.2 OpenSUSE 11.2
http://www.jamendo.com |/Mutt 1.5.21 slrn 0.9.9p1 Irssi 0.8.15
"Preach the gospel always; when necessary use words." St. Francis

2236. End Fed antenna and internal tuner

Yahoo group: pfr3_group
Date: 2011-03-31 20:09:21 UTC
From: FrancescoP
Topic: 2236 Message: 2236

Was wondering how internal tuner handles an end fed wire antenna (lambda/2 with a counterpoise of 0,05 lambda).
Thanks in advance.

2237. [pfr3_group] End Fed antenna and internal tuner

Yahoo group: pfr3_group
Date: 2011-03-31 20:49:45 UTC
From: OllySteed@aol.com
Topic: 2236 Message: 2237

I use nothing but the end fed tuner with 1/4 wires but almost all the time I just use the full 65 foot wire and I have one that is almost vertical so I just leave them. Never lost one yet. I use just about 1 meter attached to the rig to act as a counter poise My tuner is built up on steve yates design and any loss is measured out to almost nothing. Google Steve Yates how to make an end fed work. GK es 73 DXing Bob. AF2Q
Former member of the 12 O'clock skydiving team

2238. RE: [pfr3_group] End Fed antenna and internal tuner

Yahoo group: pfr3_group
Date: 2011-03-31 20:51:28 UTC
From: N. A. Monllor
Topic: 2236 Message: 2238

For myself, I use a 34' piece of 20 gauge extended on a Cappie pole, with a 15" counterpoise, and I am able to tune it just fine.

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of FrancescoP
Sent: Thursday, March 31, 2011 4:09 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] End Fed antenna and internal tuner

Was wondering how internal tuner handles an end fed wire antenna (lambda/2 with a counterpoise of 0,05 lambda).
Thanks in advance.

2239. Re: [pfr3_group] End Fed antenna and internal tuner

Yahoo group: pfr3_group
Date: 2011-03-31 20:53:29 UTC
From: OllySteed@aol.com
Topic: 2236 Message: 2239

Oh Sorry the built in tuner works like a champ with a 1/4 or any random wire Bob AF2Q
Former member of the 12 O'clock skydiving team

-----Original Message-----
From: OllySteed@...
Sender: pfr3_group@yahoogroups.com
Date: Thu, 31 Mar 2011 20:49:45
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] End Fed antenna and internal tuner

I use nothing but the end fed tuner with 1/4 wires but almost all the time I just use the full 65 foot wire and I have one that is almost vertical so I just leave them. Never lost one yet. I use just about 1 meter attached to the rig to act as a counter poise My tuner is built up on steve yates design and any loss is measured out to almost nothing. Google Steve Yates how to make an end fed work. GK es 73 DXing Bob. AF2Q
Former member of the 12 O'clock skydiving team

2240. Re: [pfr3_group] Re: Paddles

Yahoo group: pfr3_group
Date: 2011-04-03 18:33:22 UTC
From: Bert Thompson
Topic: 2181 Message: 2240

Bill,

Under priced paddles. I've used a "MK44" Whiterook from http://electronicsusa.com since I built the "PFR-3" and love it. Their paddles are under priced.

Bert M. Thompson KB3MHB/0 73

--- On Sat, 3/26/11, Bill <btrettin@...> wrote:

From: Bill <btrettin@billtrettin.com>
Subject: [pfr3_group] Re: Paddles
To: pfr3_group@yahoogroups.com
Date: Saturday, March 26, 2011, 11:36 PM

--- In pfr3_group@yahoogroups.com, "Lee Mairs (SAG)" <lmairs@...> wrote:
>
> Obviously, the paddles were way under priced at $40!
> 73 de Lee
> KM4YY

Not when you never receive them.

2241. Re: [pfr3_group] End Fed antenna and internal tuner

Yahoo group: pfr3_group
Date: 2011-04-04 04:06:32 UTC
From: Eric Gruber
Topic: 2236 Message: 2241

please unsubscribe me!

From: "OllySteed@..." <OllySteed@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, March 31, 2011 1:53:29 PM
Subject: Re: [pfr3_group] End Fed antenna and internal tuner

Oh Sorry the built in tuner works like a champ with a 1/4 or any random wire Bob AF2Q
Former member of the 12 O'clock skydiving team

From: OllySteed@...
Sender: pfr3_group@yahoogroups.com
Date: Thu, 31 Mar 2011 20:49:45 +0000
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: [pfr3_group] End Fed antenna and internal tuner

I use nothing but the end fed tuner with 1/4 wires but almost all the time I just use the full 65 foot wire and I have one that is almost vertical so I just leave them. Never lost one yet. I use just about 1 meter attached to the rig to act as a counter poise My tuner is built up on steve yates design and any loss is measured out to almost nothing. Google Steve Yates how to make an end fed work. GK es 73 DXing Bob. AF2Q
Former member of the 12 O'clock skydiving team

2242. Re: [pfr3_group] End Fed antenna and internal tuner

Yahoo group: pfr3_group
Date: 2011-04-04 04:07:29 UTC
From: Eric Gruber
Topic: 2236 Message: 2242

please unsubscribe me. thank you.

From: N. A. Monllor <nmonllor@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, March 31, 2011 1:51:28 PM
Subject: RE: [pfr3_group] End Fed antenna and internal tuner

For myself, I use a 34’ piece of 20 gauge extended on a Cappie pole, with a 15” counterpoise, and I am able to tune it just fine.
Ren

From:pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of FrancescoP
Sent: Thursday, March 31, 2011 4:09 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] End Fed antenna and internal tuner

Was wondering how internal tuner handles an end fed wire antenna (lambda/2 with a counterpoise of 0,05 lambda).

Thanks in advance.

2243. Alpha-Delta DX-CC 80 thru 10 meter Dipole

Yahoo group: pfr3_group
Date: 2011-04-04 21:45:19 UTC
From: Richard Powers
Topic: 2243 Message: 2243

I am not sure my DX-CC is doing me any favors on my PFR-3 for 40, 30 & 20 at my home QTH.
Of course I've only had the radio about a week but I can't seem to get out of the midwest.
Maybe it's me.
Are there a couple of popular dipole or vertical antennas for home qth use out there for about $150. or less?

Thanks,
Dick WB9PWQ

2244. Re: [pfr3_group] Alpha-Delta DX-CC 80 thru 10 meter Dipole

Yahoo group: pfr3_group
Date: 2011-04-04 21:56:52 UTC
From: LARRY MAKOSKI
Topic: 2243 Message: 2244

http://www.ve3sqb.com/hamaerials/w1gfh/

From: Richard Powers <powers_richard@...>
To: PF3 Group QRP <pfr3_group@yahoogroups.com>
Sent: Mon, April 4, 2011 5:45:19 PM
Subject: [pfr3_group] Alpha-Delta DX-CC 80 thru 10 meter Dipole

I am not sure my DX-CC is doing me any favors on my PFR-3 for 40, 30 & 20 at my home QTH.
Of course I've only had the radio about a week but I can't seem to get out of the midwest.
Maybe it's me.
Are there a couple of popular dipole or vertical antennas for home qth use out there for about $150. or less?

Thanks,
Dick WB9PWQ

2245. Newbie about to buy a PFR-3

Yahoo group: pfr3_group
Date: 2011-04-05 00:17:20 UTC
From: Felipe Barco
Topic: 2245 Message: 2245

Hello to you!

My name is Felipe, PU2OVA from Brazil.

I'm a First Time builder, and am a little worried. Have already accomplished some other VERY simple projects, non raio related.

I want to build my own QRP TRX, and I`m between the PFR-3 and the Weber Dual Band, from Hendricks as Well.

Doug Hendricks told me to get a PFR-3 because the group could help me if I needed... but I`m a little unsure if the PFR is actually easier than the other one.

Will I be able to build the PFR-3? If so, what`s the average time to do it? Maybe something around 30 Hours?

Well, thanks for your attention!

Kind Regards

Felipe
PU2OVA

2246. RE: [pfr3_group] Newbie about to buy a PFR-3

Yahoo group: pfr3_group
Date: 2011-04-05 00:35:40 UTC
From: Dale Putnam
Topic: 2245 Message: 2246

Yes Felipe,
To both questions, you can build it, in about 30 hours or so. It is completely hole through, no smd to worry about, they are already on the board. Careful attention to detail, and follow the instructions. That's all there is. Have a blast with it.
It works very well, too.
Good Luck, and have fun, both building and using,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: felipebarco@...
Date: Mon, 4 Apr 2011 21:17:20 -0300
Subject: [pfr3_group] Newbie about to buy a PFR-3

Hello to you!

My name is Felipe, PU2OVA from Brazil.

I'm a First Time builder, and am a little worried. Have already accomplished some other VERY simple projects, non raio related.

I want to build my own QRP TRX, and I`m between the PFR-3 and the Weber Dual Band, from Hendricks as Well.

Doug Hendricks told me to get a PFR-3 because the group could help me if I needed... but I`m a little unsure if the PFR is actually easier than the other one.

Will I be able to build the PFR-3? If so, what`s the average time to do it? Maybe something around 30 Hours?

Well, thanks for your attention!

Kind Regards

Felipe
PU2OVA

2247. Re: Alpha-Delta DX-CC 80 thru 10 meter Dipole

Yahoo group: pfr3_group
Date: 2011-04-05 02:46:34 UTC
From: Joel Meddings
Topic: 2243 Message: 2247

My favorite operating position with my PFR3a is from my deck overlooking my back yard. I use the W3EDP end fed wire antenna, which consists of an 85 foot wire up in a tree with 17 foot counterpoise. In the last couple of days I have worked an F5 station from France on 20m and UA3 from Russia on 30m with this antenna. I've been very happy with the PFR3a.

Good luck with your new PFR3a.

72

Joel

K0JEM

2248. Re: Newbie about to buy a PFR-3

Yahoo group: pfr3_group
Date: 2011-04-05 03:10:28 UTC
From: Joel Meddings
Topic: 2245 Message: 2248

Hello Felipe-I think you will enjoy building your PFR3a, and operating it will be even more fun. My advice to you is pretty simple-if this is your first kit, be sure you know how to create a good solder joint and be able to fix a bad solder joint. This is a skill anyone can acquire with a little practice and there are several good tutorials that you can google on the internet. Good soldering technique is critical when you're putting a kit together. You might get an experimenters circuit board and some wire and practice with those before you start your kit. Good luck Felipe, and hope to hear you soon on the air.

72

Joel

K0JEM

2249. Hendricks QRP Kits Announces 3 New Kits for Dayton (available now)

Yahoo group: pfr3_group
Date: 2011-04-06 04:48:46 UTC
From: KI6DS
Topic: 2249 Message: 2249

Hendricks QRP Kits is a regular attendee at Dayton, and this year is no different. If you are in the Ham Radio business, it is important to have new products at Dayton, and Hendricks QRP Kits has 3 new kits this year: The Super Tenna Dipper, the NADC 30, and the CPO, Code Practice Oscillator.

The Super Tenna Dipper is a great tool for finding the 50 ohm resonance of an antenna. It works without connecting the transmitter and is totally self contained in a custom case. An easy to read digital dial makes it a snap to use, and it is an easy build. The parts are through hole and it is a one evening kit. Designed by Steve Weber, it is an improved update of the popular kit sold several years ago by the 4States QRP Group. Price? $75 + shipping. Details, including the manual are on my web page: www.qrpkits.com Scroll down and click on the picture to get details.

The NADC30 is the Nearly All Discrete Components CW Transceiver designed by Steve Weber. It covers the 30 M band, and comes in a custom prepunched case, and features a digital readout. This is a great kit for the beginner, and it is one of the cheapest ways to get on 30 meters. Cost? $130 + shipping. Details are on the web page: www.qrpkits.com. Scroll down and click on the picture of the rig.

The Code Practice Oscillator was a result of my attending Pacificon last fall. Darrel Swenson and Dean Davis gave a presentation and were lamenting that there needed to be a simple kit that does something, and can be built by a beginner in about an hour or so. Ken Locasale designed the Code Practice Oscillator to fill the need. It is a simple kit, utilizing several construction practices. Soldering, wiring, identifying components, and following a schematic. This makes it a great kit for elmers to use to get someone started building. Plus it is also a great kit for clubs. There is a discount for group buys. The cost? $18 plus shipping. Details: www.qrpkits.com.

Not going to Dayton? Looking for a new kit to build? All 3 kits are in stock and ready to ship. Thanks, Doug

2250. PFR-3A For sale

Yahoo group: pfr3_group
Date: 2011-04-06 15:57:03 UTC
From: WF8O
Topic: 2250 Message: 2250

I have a fully assembled, properly working, PFR3A that I completed a year ago. I would like to offer it here first for sale. The unit works as designed, and I have had many fine QSOs with it. It includes the Hendricks Paddles which are now no longer available. I paid $240 for the kit and paddles. The assembly was uneventful, and the rig has worked flawlessly from the beginning. The night before last, from Northwest Ohio, I worked a KH6 station in Hawaii on 5 watts on 20 meters. I am selling this rig because I have my eye on another transceiver kit and I already have an FT-817 additionally. I will sell the rig for $235 plus shipping to U.S. locations.

Sincerely,

Mike Narges WF8O
mnarges@...

2251. Re: [pfr3_group] PFR-3A For sale

Yahoo group: pfr3_group
Date: 2011-04-06 16:55:51 UTC
From: arthurok
Topic: 2250 Message: 2251

i good deal for someone who dosent want or might have diffacullty assembling a unit.
its even a pfr3a so it has the valuable a version upgrades "the A"really is better ive examined both schematics and own a pfrr3a "it tooks me days to construct and im a fast work do a fair amount of electronics repair too but did if carefully and ended up with zero errors.
the manual is not at "heathkit" level
----- Original Message -----
From: WF8O
To: pfr3_group@yahoogroups.com
Sent: Wednesday, April 06, 2011 10:57 AM
Subject: [pfr3_group] PFR-3A For sale

I have a fully assembled, properly working, PFR3A that I completed a year ago. I would like to offer it here first for sale. The unit works as designed, and I have had many fine QSOs with it. It includes the Hendricks Paddles which are now no longer available. I paid $240 for the kit and paddles. The assembly was uneventful, and the rig has worked flawlessly from the beginning. The night before last, from Northwest Ohio, I worked a KH6 station in Hawaii on 5 watts on 20 meters. I am selling this rig because I have my eye on another transceiver kit and I already have an FT-817 additionally. I will sell the rig for $235 plus shipping to U.S. locations.

Sincerely,

Mike Narges WF8O
mnarges@...

2252. Re: PFR-3A For sale

Yahoo group: pfr3_group
Date: 2011-04-06 20:05:43 UTC
From: ad1os808
Topic: 2250 Message: 2252

I'm interested Mike. I PM'ed you.
Mike AD1OS

2253. Re: PFR-3A For sale

Yahoo group: pfr3_group
Date: 2011-04-06 22:45:06 UTC
From: WF8O
Topic: 2250 Message: 2253

--- In pfr3_group@yahoogroups.com, "ad1os808" <bb1300@...> wrote:
>
>
>
> I'm interested Mike. I PM'ed you.
> Mike AD1OS
>
Not sure where to find ur msg. Pse respond to my email mnarges@...

tnx es 73

Mike

2254. Re: PFR-3A For sale

Yahoo group: pfr3_group
Date: 2011-04-07 11:57:22 UTC
From: WF8O
Topic: 2250 Message: 2254

Rig is sold pending funds. Thanks for the responses! I may no longer have the PFR3-A but QRP is still a blast!

73/72

de Mike WF8O

2255. Re: PFR-3A For sale

Yahoo group: pfr3_group
Date: 2011-04-07 13:58:12 UTC
From: WF8O
Topic: 2250 Message: 2255

Rig is sold!

2256. Online MBA is never easy like before

Yahoo group: pfr3_group
Date: 2011-04-08 07:19:10 UTC
From: shaziafarrque
Topic: 2256 Message: 2256

Online MBA is never easy like before
<http://www.onlineschoolinghelp.com/onlinemba.html>

While in this program students the theoretical and practical skills that are needed for meeting the growing for information technology management professionals. more info...
<http://www.onlineschoolinghelp.com/onlinemba.html>

This is an excellent business program for those individuals who are looking to gain an entry-level position within as electronic commerce, information security, system integration. more info...
<http://www.onlineschoolinghelp.com/onlinemba.html>

During the course of this international business, students will build their knowledge of international marketing and international finance as you prepare to become a global manager. more info...
<http://www.onlineschoolinghelp.com/onlinemba.html>

2257. Re: [pfr3_group] Re: Newbie about to buy a PFR-3

Yahoo group: pfr3_group
Date: 2011-04-11 20:19:24 UTC
From: Felipe Barco
Topic: 2245 Message: 2257

Hello, Dale and Joel, and everybody who may be reading!

Thanks for your quick replies. I made a lot of thinking and searching, and bought a PFR-3 last week. I think it should be here in about a month, and, if everything goes OK, it should be ready to go by the end of May/beginning of June. So, I think I'll be able to be on the air this summer (winter here).

Thanks for your tips and support.

I hope to be on the air soon!

Kind regards

Felipe
PU2OVA

On Tue, Apr 5, 2011 at 12:10 AM, Joel Meddings <k0jem@...> wrote:

>
>
> Hello Felipe-I think you will enjoy building your PFR3a, and operating it
> will be even more fun. My advice to you is pretty simple-if this is your
> first kit, be sure you know how to create a good solder joint and be able to
> fix a bad solder joint. This is a skill anyone can acquire with a little
> practice and there are several good tutorials that you can google on the
> internet. Good soldering technique is critical when you’re putting a kit
> together. You might get an experimenters circuit board and some wire and
> practice with those before you start your kit. Good luck Felipe, and hope
> to hear you soon on the air.
>
> 72
>
> Joel
>
> K0JEM
>
>
>
>
>

2258. Re: [pfr3_group] Re: Newbie about to buy a PFR-3

Yahoo group: pfr3_group
Date: 2011-04-11 21:22:22 UTC
From: daleputnam@hotmail.com
Topic: 2245 Message: 2258

Good luck with it, and remember, when in doubt, ask twice, solder once. You will really enjoy it, tis a good bit of long lasting fun
Have a great day,
Dale - WC7S

-----Original Message-----
From: Felipe Barco <felipebarco@gmail.com>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 11 Apr 2011 17:19:24
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Newbie about to buy a PFR-3

Hello, Dale and Joel, and everybody who may be reading!

Thanks for your quick replies. I made a lot of thinking and searching, and bought a PFR-3 last week. I think it should be here in about a month, and, if everything goes OK, it should be ready to go by the end of May/beginning of June. So, I think I'll be able to be on the air this summer (winter here).

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I hope to be on the air soon!

Kind regards

Felipe
PU2OVA

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> first kit, be sure you know how to create a good solder joint and be able to
> fix a bad solder joint. This is a skill anyone can acquire with a little
> practice and there are several good tutorials that you can google on the
> internet. Good soldering technique is critical when you’re putting a kit
> together. You might get an experimenters circuit board and some wire and
> practice with those before you start your kit. Good luck Felipe, and hope
> to hear you soon on the air.
>
> 72
>
> Joel

>
> K0JEM
>
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>

2259. Group 3 Pretests filed ! NO voltage at L7

Yahoo group: pfr3_group
Date: 2011-04-17 10:28:47 UTC
From: ja0por
Topic: 2259 Message: 2259

Hi to all,

I'm having a problem with the pretests for Group3 Transmitter section.
No voltage at L7 pad next to C57 in Tx mode.

Power up by an external 12VDC supply with a paddle connected.
Installed U8 but L7 is not installed yet.
Voltage measured on pin 1 and 13 of U8 are OK
(0V in RX and 2.5V in TX).

The value of R34 and R35 are OK.
Q5 seems OK ?
Checked OK all connections /solders around (U7 to Q5 then Q6 with associated resistors).

The voltages measured on Q5 and Q6 are:

Q5 in Rx S 0V Drain 12V Gate 0V
Q5 in Tx S 0V Drain 12V Gate 0.86V

Q6 in Rx S 12V Drain 0V Gate 12V
Q6 in Tx S 12V Drain 0V Gate 12V

Q6 Drain 0v means no voltage at L7 pad next to C57 in Tx mode.

The voltage on pin 27 of U7 (Tx enable) is measured only 0.86V
(should be 5V according to IC pin voltage charts on page 24 of the manual)
Wonder why this is pulled down to around 0.86V ?

The resistance check on this pin to ground shows 2.2K which is the value of R53 and maybe Q5 seems not dead short??

What would be the next step to take ???

Alas ! No spare on hand for Q5 Q6 and even U7 (microprocessor)

So far I have completed Group 1 and Group 2 (smoke test done though BFO / CAL not made just leaving it as default)
I can hear many stations on 40m. Its quite sensitive !
Now am enjoying it as an SWL !!

Thanks in advance for any feedback from you...

72 / 73 de Mano JA0POR

2260. Swap Genesis G3020 unbuilt kit for a PFR-3

Yahoo group: pfr3_group
Date: 2011-04-17 13:51:06 UTC
From: Bob
Topic: 2260 Message: 2260

Like to swap an un-built Genesis SDR G3020 with custom case with band switch option, both unopened, for a like minded PFR-3 current model. Contact off list in interested please via k9foh@.... Cheers, Bob.

2261. Re: [pfr3_group] Group 3 Pretests filed ! NO voltage at L7

Yahoo group: pfr3_group
Date: 2011-04-17 14:36:10 UTC
From: Steve Smith
Topic: 2259 Message: 2261

Hello Mano,

It is difficult to believe but your measurements point to a possible defective U7.

I would measure pin 27 at the I.C. pin, not the socket pin, to rule out a pin to socket problem such as pin 27 bent under I.C.. If that is not the problem then I would remove U7 and apply 5 Volts to the socket pin 27 while monitoring L7 pad. If no voltage at L7 pad, then I would measure the D-S-G of Q5 and Q6.

Best of luck with your troubleshooting.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "ja0por" <ja0por@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Group 3 Pretests filed ! NO voltage at L7
Date: Sun, 17 Apr 2011 10:28:47 -0000

Hi to all,

I'm having a problem with the pretests for Group3 Transmitter section.
No voltage at L7 pad next to C57 in Tx mode.

Power up by an external 12VDC supply with a paddle connected.
Installed U8 but L7 is not installed yet.
Voltage measured on pin 1 and 13 of U8 are OK
(0V in RX and 2.5V in TX).

The value of R34 and R35 are OK.
Q5 seems OK ?
Checked OK all connections /solders around (U7 to Q5 then Q6 with associated resistors).

The voltages measured on Q5 and Q6 are:

Q5 in Rx S 0V Drain 12V Gate 0V
Q5 in Tx S 0V Drain 12V Gate 0.86V

Q6 in Rx S 12V Drain 0V Gate 12V
Q6 in Tx S 12V Drain 0V Gate 12V

Q6 Drain 0v means no voltage at L7 pad next to C57 in Tx mode.

The voltage on pin 27 of U7 (Tx enable) is measured only 0.86V
(should be 5V according to IC pin voltage charts on page 24 of the manual)
Wonder why this is pulled down to around 0.86V ?

The resistance check on this pin to ground shows 2.2K which is the value of R53 and maybe Q5 seems not dead short??

What would be the next step to take ???

Alas ! No spare on hand for Q5 Q6 and even U7 (microprocessor)

So far I have completed Group 1 and Group 2 (smoke test done though BFO / CAL not made just leaving it as default)
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Now am enjoying it as an SWL !!

Thanks in advance for any feedback from you...

72 / 73 de Mano JA0POR

Yahoo! Groups Links

2262. Re: Group 3 Pretests filed ! NO voltage at L7

Yahoo group: pfr3_group
Date: 2011-04-18 05:44:05 UTC
From: ja0por
Topic: 2259 Message: 2262

Hello Steve,

Thanks for your nice feedback Bingo !!!

In short my conclusion is that the path for "Tx enable" WAS lost insulation to some extent (marginal for a DVM which can not detect)
and now IS lost insulation completely after appliying an external 5 Volts.

Per your suggestion I removed U 7 and when I applied 5 Volts to the pin 27 I noticed a spark and checked the insulation with a DVM it shows dead short.
Then for narrowing it down I removed R53 still bad and even removed Q5 still bad.
Now as nothing is hang it on "Tx enable" line so path (pattern) it self might be damaged.

Now I got 5V on the pin 27 of U7 in TX without any load.
(measured with Pin 27 leg being bent outer)

So next step for me is to make a direct connections (off board)from U7 to R53/Q5/R35 per schematic while leaving the original path as it is since its very tough to locate the leaking point for this kind of board.

Anyway I need to get some 2N7000 (I spoiled the original Q5 when removing)

Again Steve.. Appreciated !

Cheers Mano JA0POR

PS MY little baby is still OK as a receiver ...

2263. Building pfr3

Yahoo group: pfr3_group
Date: 2011-04-18 23:46:48 UTC
From: bufo333
Topic: 2263 Message: 2263

So I started building the pfr-3a this weekend. I finished group 1 smoke test everything's seems ok. I was missing a couple 102 caps. I also have some blue caps that I guess were substituted for the original tan caps? I will need a meter to I'd them as my eyes are not what they once were. Also I noticed the kit came without any wires for wiring up the case. My kit also did not come with any enameled copper wire for the tortoise. Is this the way the kits come?

2264. RE: [pfr3_group] Building pfr3

Yahoo group: pfr3_group
Date: 2011-04-18 23:56:50 UTC
From: Dale Putnam
Topic: 2263 Message: 2264

A quick email to Mr. Hendricks would be appropriate to straighten out the missing pieces/wire. He's usually very good about taking care of those odd times when things happen.
Good Luck building.. it is a fun kit, to build and use.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: bufo333@...
Date: Mon, 18 Apr 2011 23:46:48 +0000
Subject: [pfr3_group] Building pfr3

So I started building the pfr-3a this weekend. I finished group 1 smoke test everything's seems ok. I was missing a couple 102 caps. I also have some blue caps that I guess were substituted for the original tan caps? I will need a meter to I'd them as my eyes are not what they once were. Also I noticed the kit came without any wires for wiring up the case. My kit also did not come with any enameled copper wire for the tortoise. Is this the way the kits come?

2265. Re: [pfr3_group] Building pfr3

Yahoo group: pfr3_group
Date: 2011-04-19 00:22:16 UTC
From: Bill VanKirk
Topic: 2263 Message: 2265

The PRF-3A is a nice transceiver. It was a fun build for me and I really have had a lot of fun using it. As per the qrpkits web site.

" If you are missing any part in your kit, please email me at parts@... and I will ship the missing parts to you via first class mail and at my expense. "

73,
W0PT

2266. http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

Yahoo group: pfr3_group
Date: 2011-04-19 13:25:07 UTC
From: rich_nf8v
Topic: 2266 Message: 2266

HI
Has anyone bought the decoder and successfully installed it in a PFR3?

located here?
http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

I really hate the buttons and would rather use a rotary dial

I have one built but I cant seem to make it work on my PFR3A

tnx
Rich NF8V

2267. RE: [pfr3_group] http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

Yahoo group: pfr3_group
Date: 2011-04-19 13:31:12 UTC
From: Dale Putnam
Topic: 2266 Message: 2267

I have and did. Mirovslav kits one for the PFR-3 and one for the ATS series.
I had to be very careful as to where I connected the encoder to the PFR3,
but it works fine. What are the symptoms?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: rich_nf8v@...
Date: Tue, 19 Apr 2011 13:25:07 +0000
Subject: [pfr3_group]
http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

HI
Has anyone bought the decoder and successfully installed it in a PFR3?

located here?
http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

I really hate the buttons and would rather use a rotary dial

I have one built but I cant seem to make it work on my PFR3A

tnx
Rich NF8V

2268. Re: [pfr3_group] http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

Yahoo group: pfr3_group
Date: 2011-04-19 14:55:55 UTC
From: Steve Smith
Topic: 2268 Message: 2268

Hi Rich,

I believe that Dale has installed at least one.

It shouldn't be too difficult to troubleshoot. What have you tried so far?

73.......Steve Smith WB6TNL

---------- Original Message ----------
HI
Has anyone bought the decoder and successfully installed it in a PFR3?

located here?
http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

I really hate the buttons and would rather use a rotary dial

I have one built but I cant seem to make it work on my PFR3A

tnx
Rich NF8V

2269. Re: http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

Yahoo group: pfr3_group
Date: 2011-04-20 01:28:11 UTC
From: rich_nf8v
Topic: 2266 Message: 2269

Well I had asked for the pfr but I just noticed the stamp on it "Encoder for ATS" so it probably is the wrong one.
tnx Rich
--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> I have and did. Mirovslav kits one for the PFR-3 and one for the ATS series.
> I had to be very careful as to where I connected the encoder to the PFR3,
> but it works fine. What are the symptoms?
>
> --... ...-- Dale - WC7S in Wy
>
>
>
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>
> To: pfr3_group@yahoogroups.com
> From: rich_nf8v@...
> Date: Tue, 19 Apr 2011 13:25:07 +0000
> Subject: [pfr3_group] http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html
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>
>
> HI
> Has anyone bought the decoder and successfully installed it in a PFR3?
>
> located here?
> http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html
>
> I really hate the buttons and would rather use a rotary dial
>
> I have one built but I cant seem to make it work on my PFR3A
>
> tnx
> Rich NF8V
>

2270. RE: [pfr3_group] Re: http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

Yahoo group: pfr3_group
Date: 2011-04-20 02:18:48 UTC
From: Dale Putnam
Topic: 2266 Message: 2270

That would do it, but you have the wiring figured out for it now.
Do you have a use for it now? If not, how about, I get it from you, then you can order the one for the
PFR3?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: rich_nf8v@...
Date: Wed, 20 Apr 2011 01:28:11 +0000
Subject: [pfr3_group] Re:
http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

Well I had asked for the pfr but I just noticed the stamp on it "Encoder for ATS" so it probably is the wrong one.
tnx Rich
--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> I have and did. Mirovslav kits one for the PFR-3 and one for the ATS series.
> I had to be very careful as to where I connected the encoder to the PFR3,
> but it works fine. What are the symptoms?
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: rich_nf8v@...
> Date: Tue, 19 Apr 2011 13:25:07 +0000
> Subject: [pfr3_group]
http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html
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> HI
> Has anyone bought the decoder and successfully installed it in a PFR3?
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> located here?

> http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html
>
> I really hate the buttons and would rather use a rotary dial
>
> I have one built but I cant seem to make it work on my PFR3A
>
> tnx
> Rich NF8V
>

2271. Re: Group 3 Pretests filed ! NO voltage at L7

Yahoo group: pfr3_group
Date: 2011-04-20 07:59:13 UTC
From: ja0por
Topic: 2259 Message: 2271

Hello Steve,

This to update on my problem ..

Ive got a spare 2N7000 and replaced it.
Now it works fine to switch Q6 on/off when keyed/unkeyed.

Did a quick final test and measured output power on each band around 3.5 to 4.5 Watts (lesser on 20 M) seems OK though some tweaks needed later.

Thanks again Steve for your tip on troubleshooting..

Now I am becoming a happy operator from a happy SWL

Cheers,
72 / 73 Mano JA0POR

--- In pfr3_group@yahoogroups.com, "ja0por" <ja0por@...> wrote:
>
>
> Hello Steve,
>
> Thanks for your nice feedback Bingo !!!
>
> In short my conclusion is that the path for "Tx enable" WAS lost insulation to some extent (marginal for a DVM which can not detect)
> and now IS lost insulation completely after appliying an external 5 Volts.
>
>
> Per your suggestion I removed U 7 and when I applied 5 Volts to the pin 27 I noticed a spark and checked the insulation with a DVM it shows dead short.
> Then for narrowing it down I removed R53 still bad and even removed Q5 still bad.
> Now as nothing is hang it on "Tx enable" line so path (pattern) it self might be damaged.
>
> Now I got 5V on the pin 27 of U7 in TX without any load.
> (measured with Pin 27 leg being bent outer)
>
> So next step for me is to make a direct connections (off board)from U7 to R53/Q5/R35 per schematic while leaving the original path as it is since its very tough to locate the leaking point for this kind of board.
>
> Anyway I need to get some 2N7000 (I spoiled the original Q5 when removing)
>
> Again Steve.. Appreciated !
>
> Cheers Mano JA0POR
>

> PS MY little baby is still OK as a receiver ...
>

2272. Re: [pfr3_group] Re: Group 3 Pretests filed ! NO voltage at L7

Yahoo group: pfr3_group
Date: 2011-04-20 14:30:31 UTC
From: Steve Smith
Topic: 2259 Message: 2272

Hello Mano,

Congratulations on finishing your kit! I am happy to have been of service, even if in a small way. Yes, I am certain you will be a happy operator using the PFR3.

Hope to hear you on the bands one day!

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "ja0por" <ja0por@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 3 Pretests filed ! NO voltage at L7
Date: Wed, 20 Apr 2011 07:59:13 -0000

Hello Steve,

This to update on my problem ..

Ive got a spare 2N7000 and replaced it.
Now it works fine to switch Q6 on/off when keyed/unkeyed.

Did a quick final test and measured output power on each band around 3.5 to 4.5 Watts (lesser on 20 M) seems OK though some tweaks needed later.

Thanks again Steve for your tip on troubleshooting..

Now I am becoming a happy operator from a happy SWL

Cheers,
72 / 73 Mano JA0POR

2273. Re: http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

Yahoo group: pfr3_group
Date: 2011-04-20 15:02:59 UTC
From: rich_nf8v
Topic: 2266 Message: 2273

Hi Dale
I have the one I built but I lost the knob and led's
It was sitting for awhile and they walked off.
I have a unopened 2nd kit.
Ill take you up on the offer and trade it all for the right one.
I would even send you the radio (when you have it) and pay you to put it together for me, I realy want just to get it going and use it. Im sick of kits right now.
email me your address (rich.ullery@...) and Ill get them sent to you via us mail.
let me know
Rich NF8V

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> That would do it, but you have the wiring figured out for it now.
> Do you have a use for it now? If not, how about, I get it from you, then you can order the one for the
> PFR3?
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: rich_nf8v@...
> Date: Wed, 20 Apr 2011 01:28:11 +0000
> Subject: [pfr3_group] Re: http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html
>
>
>
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>
>
> Well I had asked for the pfr but I just noticed the stamp on it "Encoder for ATS" so it probably is the wrong one.
> tnx Rich
> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
> >
> >
> > I have and did. Mirovslav kits one for the PFR-3 and one for the ATS series.

> > I had to be very careful as to where I connected the encoder to the PFR3,
> > but it works fine. What are the symptoms?
> >
> > --... ...-- Dale - WC7S in Wy
> >
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> >
> >
> >
> > To: pfr3_group@yahoogroups.com
> > From: rich_nf8v@
> > Date: Tue, 19 Apr 2011 13:25:07 +0000
> > Subject: [pfr3_group]
http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html
> >
> >
> >
> >
> >
> >
> > HI
> > Has anyone bought the decoder and successfully installed it in a PFR3?
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> > located here?
> > http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html
> >
> > I really hate the buttons and would rather use a rotary dial
> >
> > I have one built but I cant seem to make it work on my PFR3A
> >
> > tnx
> > Rich NF8V
> >
>

2274. RE: [pfr3_group] Re: http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

Yahoo group: pfr3_group
Date: 2011-04-20 16:51:34 UTC
From: Dale Putnam
Topic: 2266 Message: 2274

Hi Rich,
I can understand the feeling... there are times that things just don't go right at all.
My address is:

Dale - WC7S
5503 N. College Dr.
Cheyenne, Wy. 82009

It will take just a bit for an order to get filled, after that, we can getter done.
No problem.
Do you have it mounted now? If not, maybe a very light "x" in pencil for where you want the knob? Or.. I mount them pretty much in the middle of the front panel, between the radio and the case.
If you want to wait to ship, until the encoder arrives, that's ok.. or ship now, and I'll get it all done.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: rich_nf8v@yahoo.com
Date: Wed, 20 Apr 2011 15:02:59 +0000
Subject: [pfr3_group] Re: http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

Hi Dale
I have the one I built but I lost the knob and led's
It was sitting for awhile and they walked off.
I have a unopened 2nd kit.
Ill take you up on the offer and trade it all for the right one.
I would even send you the radio (when you have it) and pay you to put it together for me, I realy want just to get it going and use it. Im sick of kits right now.
email me your address (rich.ullery@...) and Ill get them sent to you via us mail.
let me know
Rich NF8V

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> That would do it, but you have the wiring figured out for it now.
> Do you have a use for it now? If not, how about, I get it from you, then you can order the one for the
> PFR3?
>
> --... ...-- Dale - WC7S in Wy

>
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> To: pfr3_group@yahoogroups.com
> From: rich_nf8v@...
> Date: Wed, 20 Apr 2011 01:28:11 +0000
> Subject: [pfr3_group] Re:
http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html
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> Well I had asked for the pfr but I just noticed the stamp on it "Encoder for ATS" so it
probably is the wrong one.
> tnx Rich
> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
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> > I have and did. Mirovslav kits one for the PFR-3 and one for the ATS series.
> > I had to be very careful as to where I connected the encoder to the PFR3,
> > but it works fine. What are the symptoms?
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> > --... ...-- Dale - WC7S in Wy
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> >
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> > To: pfr3_group@yahoogroups.com
> > From: rich_nf8v@
> > Date: Tue, 19 Apr 2011 13:25:07 +0000
> > Subject: [pfr3_group]
http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html
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> > HI
> > Has anyone bought the decoder and successfully installed it in a PFR3?
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> > http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html
> >

> > I really hate the buttons and would rather use a rotary dial
> >
> > I have one built but I cant seem to make it work on my PFR3A
> >
> > tnx
> > Rich NF8V
> >
>

2275. AUDIO MOD??

Yahoo group: pfr3_group
Date: 2011-04-21 00:40:41 UTC
From: pileupjunkie
Topic: 2275 Message: 2275

I was looking at the pictures and saw this

PFR3 Audio FixPermalink1uf/50v cap added to pin 1(+) and pin 8 of LM386. 470K ohm resistor added to junction of C27 and R14 to ground.

OK I give up.
What was the audio fix?
To boost up audio or fix some other audio bug?
BOB
AF2Q

2276. MY pfr3 radio The best QRP rig I ever owned.

Yahoo group: pfr3_group
Date: 2011-04-21 01:05:51 UTC
From: pileupjunkie
Topic: 2276 Message: 2276

Hi Gang,
I did not build mine but Dale - WC7S was nice enough to send me a built unit to try out.
I really thought the rig had a problem then Dale sent me the link for the instructions and Steve came on the list with very specific instructions on that built in tuner.
Some one else also made a post about the tuner because it does not tune like my Emtec that I have.
Well another person also told me I need safe cracker fingers to tune it so I put up a wire and it was more like doing micro surgery:-)
I now acquired the fine touch needed and I get that led out on all 3 bands.
I don't know who built this kit but it sounds like all parts were hand picked and specs measured before soldering them in.
The RX is super selective and a true 300Hz and sounds good as if the skirts are very steep.
My very first QSO was only 110 miles away but I was able to have the person call me because he just could not believe I was running a bit under 5 watts.
When I heard it over the phone I sounded like a full KW and the CW tone was excellent.
Thanks Steve for making what I feel is one of the best affordable 3 band kits that gives a true 5 watts and a very selective,sensitive receiver.
And Dale,Thanks for putting up with me.
I know I was a PITA but after I had the right material to read it was a GO with no problems.
BOB
AF2Q

2277. RE: [pfr3_group] MY pfr3 radio The best QRP rig I ever owned.

Yahoo group: pfr3_group
Date: 2011-04-21 01:09:24 UTC
From: Dale Putnam
Topic: 2276 Message: 2277

You're welcome bob, no problem.
And the parts were simply the parts send in the kit from Hindricks.
I built that one... then optimized it.. and spec'd it.
Have a great day,
--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: OllySteed@...
Date: Thu, 21 Apr 2011 01:05:51 +0000
Subject: [pfr3_group] MY pfr3 radio The best QRP rig I ever owned.

Hi Gang,
I did not build mine but Dale - WC7S was nice enough to send me a built unit to try out.
I really thought the rig had a problem then Dale sent me the link for the instructions and Steve came on the list with very specific instructions on that built in tuner.
Some one else also made a post about the tuner because it does not tune like my Emtec that I have.
Well another person also told me I need safe cracker fingers to tune it so I put up a wire and it was more like doing micro surgery:-)
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The RX is super selective and a true 300Hz and sounds good as if the skirts are very steep.
My very first QSO was only 110 miles away but I was able to have the person call me because he just could not believe I was running a bit under 5 watts.
When I heard it over the phone I sounded like a full KW and the CW tone was excellent.
Thanks Steve for making what I feel is one of the best affordable 3 band kits that gives a true 5 watts and a very selective,sensitive receiver.
And Dale,Thanks for putting up with me.
I know I was a PITA but after I had the right material to read it was a GO with no problems.
BOB
AF2Q

2278. Re: [pfr3_group] MY pfr3 radio The best QRP rig I ever owned.

Yahoo group: pfr3_group
Date: 2011-04-21 01:31:24 UTC
From: OllySteed@aol.com
Topic: 2276 Message: 2278

Hi Dale,
Well you sure did one heck of a good job.
I have to feed my mother twice a day at the nursing home so I take the rig with me because I strung up some wires in the trees at the back of the building.:-)
No building QRM.
But small storms all around and lots of clashing.
Bands are closed so maybe when the Sun storms calm down the bands will open up again.
CUL
73
BOB
AF2Q

In a message dated 4/21/2011 12:09:38 A.M. Mid-Atlantic Daylight Tim, daleputnam@... writes:

You're welcome bob, no problem.
And the parts were simply the parts send in the kit from Hindricks.
I built that one... then optimized it.. and spec'd it.
Have a great day,
--... ...-- Dale - WC7S in Wy

2279. pfr ats

Yahoo group: pfr3_group
Date: 2011-04-21 10:39:18 UTC
From: rich_nf8v
Topic: 2279 Message: 2279

Hi Dale
Works for me. let me know when its in and Ill send the radio. Knob, mounted like yours around center. other than that im not picky.
Ill get your stuff in the mail in the next few days. Please use the email below for me.
73
Rich
rich.ullery@...

Hi Rich,
I can understand the feeling... there are times that things just don't go right at all.
My address is:

Dale - WC7S
5503 N. College Dr.
Cheyenne, Wy. 82009

It will take just a bit for an order to get filled, after that, we can getter done.
No problem.
Do you have it mounted now? If not, maybe a very light "x" in pencil for where you want the knob? Or.. I mount them pretty much in the middle of the front panel, between the radio and the case.
If you want to wait to ship, until the encoder arrives, that's ok.. or ship now, and I'll get it all done.
Have a great day,

--... ...-- Dale - WC7S in Wy

2280. Re: AUDIO MOD??

Yahoo group: pfr3_group
Date: 2011-04-21 13:11:46 UTC
From: wb9dlc
Topic: 2275 Message: 2280

The 1ufd cap raises the overall volume and the 470k resistor lowers the sidetone volume back to about what it was. You do run the risk of very loud audio in the earphones on a big signal - probably a reason that Steve intentionally kept the gain low. The mod can be done without removing the board from the case. Other options include finding more efficient earphones/headset.

Mike - WB9DLC

--- In pfr3_group@yahoogroups.com, "pileupjunkie" <OllySteed@...> wrote:
>
> I was looking at the pictures and saw this
> ----------
> PFR3 Audio FixPermalink1uf/50v cap added to pin 1(+) and pin 8 of LM386. 470K ohm resistor added to junction of C27 and R14 to ground.
> ----------
> OK I give up.
> What was the audio fix?
> To boost up audio or fix some other audio bug?
> BOB
> AF2Q
>

2281. Re: AUDIO MOD??

Yahoo group: pfr3_group
Date: 2011-04-21 15:09:00 UTC
From: pileupjunkie
Topic: 2275 Message: 2281

Hi Mike,
Thanks for responding.
I use Phillips Ear Buds and I also located on sale for $9.97,a mice super light weight set at Radio Shack.
They come with different size foam inserts to fit the ears.
Both sets are 16 ohms and give me more then enough audio.
Many times I find myself turning the audio down
Going out now to play radio:-)
72 BOB
AF2Q

--- In pfr3_group@yahoogroups.com, "wb9dlc" <wb9dlc@...> wrote:
>
>
> The 1ufd cap raises the overall volume and the 470k resistor lowers the sidetone volume back to about what it was. You do run the risk of very loud audio in the earphones on a big signal - probably a reason that Steve intentionally kept the gain low. The mod can be done without removing the board from the case. Other options include finding more efficient earphones/headset.
>
> Mike - WB9DLC
>
>
>

2282. Re: [pfr3_group] Re: AUDIO MOD??

Yahoo group: pfr3_group
Date: 2011-04-21 19:36:17 UTC
From: Steve Smith
Topic: 2275 Message: 2282

Hi Bob,

How about posting the Radio Shack part number for those 'buds.

I do seem to recall early postings regarding apparent low audio on the PFR-3(non-A) but the consensus got down to the sensitivity of the 'phones being used.

73.......Steve Smith WB6TNL

---------- Original Message ----------
Hi Mike,
Thanks for responding.
I use Phillips Ear Buds and I also located on sale for $9.97,a mice super light weight set at Radio Shack.
They come with different size foam inserts to fit the ears.
Both sets are 16 ohms and give me more then enough audio.
Many times I find myself turning the audio down
Going out now to play radio:-)
72 BOB
AF2Q

2283. Re: [pfr3_group] Re: AUDIO MOD??

Yahoo group: pfr3_group
Date: 2011-04-21 19:54:09 UTC
From: OllySteed@aol.com
Topic: 2275 Message: 2283

Hi Steve,
I no longer have the box with the part number on it.
However I think I did make a post about it on this list so just search back.
They are really good and give excellent audio.
BOB
AF2Q

In a message dated 4/21/2011 6:38:12 P.M. Mid-Atlantic Daylight Time, sigcom@... writes:

Hi Bob,

How about posting the Radio Shack part number for those 'buds.

I do seem to recall early postings regarding apparent low audio on the PFR-3(non-A) but the consensus got down to the sensitivity of the 'phones being used.

73.......Steve Smith WB6TNL

2284. Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-22 13:37:41 UTC
From: lahagar1@aol.com
Topic: 2266 Message: 2284

I have one unassembled PFR-3A Paddle Kit in its original sealed package available for $40.

Lynn/NG9D

2285. RE: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-22 18:44:56 UTC
From: N. A. Monllor
Topic: 2266 Message: 2285
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lynn,

I sure would be interested in the paddle kit.

Because I'm on a fixed income (Disability) though, I wouldn't be able to get it until the 3rd of next month.

If you have it then, I would certainly like to purchase it from you.

Please let me know and thank you,

Ren

KG4BAS

BTW, here is the paddle I made for mine. I has a very small foot print.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of lahagar1@...
Sent: Friday, April 22, 2011 9:38 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

I have one unassembled PFR-3A Paddle Kit in its original sealed package available for $40.

Lynn/NG9D

2286. Re: [pfr3_group] Anyone need a PFR3-A Paddle Kit? [1 Attachment]

Yahoo group: pfr3_group
Date: 2011-04-22 22:01:47 UTC
From: lahagar1@aol.com
Topic: 2266 Message: 2286

Hi Ren,

OK, I'll hold onto it till then.

Say, your home brew paddle is a very clever adaptation of that big paper clip! Good going!!

73

Lynn
NG9d

-----Original Message-----
From: N. A. Monllor <nmonllor@....com>
To: pfr3_group@yahoogroups.com
Sent: Fri, Apr 22, 2011 1:44 pm
Subject: RE: [pfr3_group] Anyone need a PFR3-A Paddle Kit? [1 Attachment]

[Attachment(s) from N. A. Monllor included below]

Hi Lynn,
I sure would be interested in the paddle kit.
Because I’m on a fixed income (Disability) though, I wouldn’t be able to get it until the 3rd of next month.
If you have it then, I would certainly like to purchase it from you.
Please let me know and thank you,
Ren
KG4BAS

BTW, here is the paddle I made for mine. I has a very small foot print.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of lahagar1@...
Sent: Friday, April 22, 2011 9:38 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

I have one unassembled PFR-3A Paddle Kit in its original seale d package available for $40.

Lynn/NG9D

2287. RE: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-22 22:59:37 UTC
From: N. A. Monllor
Topic: 2266 Message: 2287

Thank you?

I showed it to Louis Petkus, the designer of the BullDog key and had there been enough interest in the key, he would have listed it on his website… but there wasn't much interest.. :^(

I like it because it has a much smaller footprint than any other key out there and it works really, really well.

Hope you're doing well Lynn, I follow all of your videos on Youtube.

Be well,

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of lahagar1@aol.com
Sent: Friday, April 22, 2011 6:02 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

Hi Ren,

OK, I'll hold onto it till then.

Say, your home brew paddle is a very clever adaptation of that big paper clip! Good going!!

73

Lynn
NG9d

-----Original Message-----
From: N. A. Monllor <nmonllor@tampabay.rr.com>
To: pfr3_group@yahoogroups.com
Sent: Fri, Apr 22, 2011 1:44 pm
Subject: RE: [pfr3_group] Anyone need a PFR3-A Paddle Kit? [1 Attachment]

[<http://mail.aol.com/33625-111/aol-1/en-us/Suite.aspx#TopText> Attachment(s) from N. A. Monllor included below]

Hi Lynn,

I sure would be interested in the paddle kit.

Because I'm on a fixed income (Disability) though, I wouldn't be able to get it until the 3rd of next month.

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BTW, here is the paddle I made for mine. I has a very small foot print.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com
<mailto:pfr3_group@yahoogroups.com?>] On Behalf Of lahagar1@...
Sent: Friday, April 22, 2011 9:38 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

I have one unassembled PFR-3A Paddle Kit in its original seale d package available for $40.

Lynn/NG9D

2288. Re: [pfr3_group] Re: AUDIO MOD?? EAR BUDS

Yahoo group: pfr3_group
Date: 2011-04-22 23:14:15 UTC
From: OllySteed@aol.com
Topic: 2288 Message: 2288

Hi All,
I thought I posted a RS part number for the ear buds.
Maybe RS had some others I was not aware of.
Any way I picked up 2 sets for $9.97
When these non RS buds run out that it.
96dB +- 5dB at 16 ohms and I just tried one set and It really pumped up the audio over the first set that was in an RS box.
These are called AUVIO with the *I* looking like a vertical bar graph
Three different size ear inserts
Their made in China for IGNITION LP in Dallas,TX
BOB
AF2Q

http://groups.yahoo.com/group/CW-QRP-Homebrewers/
(http://groups.yahoo.com/group/CW-QRP-Homebrewers/)
QRP_L #1437-N.J.QRP-#126-ARS #350-FISTS #4916-SKCC #4570-ARCI-#4600-NOR-CAL ZOMBI-#243-CW-CODE-WARRIOR # 1 ARRL A1-OP

In a message dated 4/21/2011 6:38:12 P.M. Mid-Atlantic Daylight Time, sigcom@... writes:

Hi Bob,

How about posting the Radio Shack part number for those 'buds.

I do seem to recall early postings regarding apparent low audio on the PFR-3(non-A) but the consensus got down to the sensitivity of the 'phones being used.

73.......Steve Smith WB6TNL

http://groups.yahoo.com/group/CW-QRP-Homebrewers/
(http://groups.yahoo.com/group/CW-QRP-Homebrewers/)
QRP_L #1437-N.J.QRP-#126-ARS #350-FISTS #4916-SKCC #4570-ARCI-#4600-NOR-CAL ZOMBI-#243-CW-CODE-WARRIOR # 1 ARRL A1-OP

2289. Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-23 14:38:26 UTC
From: Ren
Topic: 2266 Message: 2289

Hi Steve,

I'd be more than happy to make a couple of extra keys and send them to volunteers to try out and see if it would be a worthwhile venture.

Anybody interested?? Let me know and I'll get them out ASAP.

Ren
KG4BAS

2290. RE: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-23 15:06:32 UTC
From: Steve Smith
Topic: 2266 Message: 2290

That's the spirit, Ren!

What I like most about your key is that the paddle 'levers' can be folded back against the base for transport/storage of the PFR3.

73.......Steve Smith WB6TNL

---------- Original Message ----------

Hi Steve,

I'd be more than happy to make a couple of extra keys and send them to
volunteers to try out and see if it would be a worthwhile venture.

Anybody interested?? Let me know and I'll get them out ASAP.

Ren
KG4BAS

2291. Re: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-23 15:53:27 UTC
From: grandpa
Topic: 2266 Message: 2291

Ren,

I would love to have another pfr3a paddle. Need a paddle for my hb1a. Be glad to pay you for one.

Charlie, W8OEY

,

-----Original Message-----
From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Apr 23, 2011 10:43 am
Subject: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Hi Steve,

I'd be more than happy to make a couple of extra keys and send them to volunteers to try out and see if it would be a worthwhile venture.

Anybody interested?? Let me know and I'll get them out ASAP.

Ren
KG4BAS

2292. RE: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-23 16:47:11 UTC
From: N. A. Monllor
Topic: 2266 Message: 2292

Ahh, I love it!!!!!

Someone else noticed it.

Yes, that was one of the primary reasons why I used the BullDog idea. Besides its overall compactness, I use my rig outdoors and not having the □paddles□ out when in travel mode, there is less chance of any adjustment problems with the paddles per se.

Please let me know if you□d like to test out a set, so that I can start production without having to do extra or repeat set-ups of the milling machine.

I□ve also uploaded some photos of the straight key I homebrewed to my KG4BAS folder, should anyone be interested. Contacts are nickel silver and in as much as it weighs in at only 7 ounces, it stays put when in use. Completely adjustable and the main arm sits in ½□ ball race sealed bearings that have been pressed into the main block. There is no side to side movement.

Thanks and be well,

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steve Smith
Sent: Saturday, April 23, 2011 11:07 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

That's the spirit, Ren!

What I like most about your key is that the paddle 'levers' can be folded back against the base for transport/storage of the PFR3.

73.......Steve Smith WB6TNL

---------- Original Message ----------

Hi Steve,

I'd be more than happy to make a couple of extra keys and send them to volunteers to try out and see if it would be a worthwhile venture.

Anybody interested?? Let me know and I'll get them out ASAP.

Ren
KG4BAS

2293. Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-23 17:20:41 UTC
From: Ren
Topic: 2266 Message: 2293

Okay Charlie,
I've got you down as one of the testers for the PFR3A paddles.
Should you like them and decide you would like me to make you a set for your HB1A, I'll nedd to get specifications from you for that particular radio and I'll make a set of paddles for it too.
Thank you for your interest and I'll keep you all posted.
Ren
KG4BAS

--- In pfr3_group@yahoogroups.com, grandpa <w8oey@...> wrote:
>
>
> Ren,
>
> I would love to have another pfr3a paddle. Need a paddle for my hb1a. Be glad to pay you for one.
>
> Charlie, W8OEY
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> -----Original Message-----
> From: Ren <nmonllor@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Sat, Apr 23, 2011 10:43 am
> Subject: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?
>
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>
>
> Hi Steve,
>

> I'd be more than happy to make a couple of extra keys and send them to volunteers to try out and see if it would be a worthwhile venture.
>
> Anybody interested?? Let me know and I'll get them out ASAP.
>
> Ren
> KG4BAS
>

2294. RE: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-23 17:19:40 UTC
From: Paul Feltz
Topic: 2266 Message: 2294

Ren:
Count me in on the straight key.

Paul
WA0VDM
Brush, CO

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Sat, 23 Apr 2011 12:47:11 -0400
Subject: RE: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

Ahh, I love it!!!!!
Someone else noticed it.

Yes, that was one of the primary reasons why I used the BullDog idea. Besides its overall compactness, I use my rig outdoors and not having the “paddles” out when in travel mode, there is less chance of any adjustment problems with the paddles per se.
Please let me know if you’d like to test out a set, so that I can start production without having to do extra or repeat set-ups of the milling machine.

I’ve also uploaded some photos of the straight key I homebrewed to my KG4BAS folder, should anyone be interested. Contacts are nickel silver and in as much as it weighs in at only 7 ounces, it stays put when in use. Completely adjustable and the main arm sits in ½” ball race sealed bearings that have been pressed into the main block. There is no side to side movement.

Thanks and be well,
Ren
KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steve Smith
Sent: Saturday, April 23, 2011 11:07 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

That's the spirit, Ren!

What I like most about your key is that the paddle 'levers' can be folded back against the base for transport/storage of the PFR3.

73.......Steve Smith WB6TNL

---------- Original Message ----------

Hi Steve,

I'd be more than happy to make a couple of extra keys and send them to volunteers to try out and see if it would be a worthwhile venture.

Anybody interested?? Let me know and I'll get them out ASAP.

Ren
KG4BAS

2295. Re: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-23 17:37:06 UTC
From: ckwishmeier@cs.com
Topic: 2266 Message: 2295

Ren,

Assuming you are referring to your "paper clip" paddle for the PFR -3, I would be interested. I use the original Hendricks paddle regularly and it would be fun to do a comparison.

Keith
WA9S
ckwishmeier@...

-----Original Message-----
From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Apr 23, 2011 10:43 am
Subject: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Hi Steve,

I'd be more than happy to make a couple of extra keys and send them to volunteers to try out and see if it would be a worthwhile venture.

Anybody interested?? Let me know and I'll get them out ASAP.

Ren
KG4BAS

2296. Re: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-23 17:51:45 UTC
From: grandpa
Topic: 2266 Message: 2296

Ren,

Thanks for the quick reply. The hole layout on the hb1a is exactly the same as for the pfr3a. The Hendricks original paddle fits nicely on the hb1a. I'm now using a Baby Black Widow paddle on the pfr3a and I need something smaller for it when I travel. I'd like to leave the Hendricks paddle on the hb1a in the shack.

Charlie, w8OEY

-----Original Message-----
From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Apr 23, 2011 1:20 pm
Subject: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Okay Charlie,
I've got you down as one of the testers for the PFR3A paddles.
Should you like them and decide you would like me to make you a set for your HB1A, I'll nedd to get specifications from you for that particular radio and I'll make a set of paddles for it too.
Thank you for your interest and I'll keep you all posted.
Ren
KG4BAS

--- In pfr3_group@yahoogroups.com, grandpa <w8oey@...> wrote:
>
>
> Ren,
>
> I would love to have another pfr3a paddle. Need a paddle for my hb1a. Be glad to pay you for one.
>
> Charlie, W8OEY
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> -----Original Message-----
> From: Ren <nmonllor@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Sat, Apr 23, 2011 10:43 am
> Subject: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?
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> Hi Steve,
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> I'd be more than happy to make a couple of extra keys and send them to volunteers to try out and see if it would be a worthwhile venture.
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> Anybody interested?? Let me know and I'll get them out ASAP.
>
> Ren
> KG4BAS
>

2297. RE: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-23 18:07:10 UTC
From: N. A. Monllor
Topic: 2266 Message: 2297

Okay guys,

I’ve got 4 names for the PFR3A paddles and 1 for the straight key. I’ll take one other name for the PFR3A paddles and I’ll be sending out the straight key on Monday to Paul (WA0VDM).

Paul, is the address on QRZ.com a good address to send the straight key to?

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of grandpa
Sent: Saturday, April 23, 2011 1:52 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Ren,

Thanks for the quick reply. The hole layout on the hb1a is exactly the same as for the pfr3a. The Hendricks original paddle fits nicely on the hb1a. I'm now using a Baby Black Widow paddle on the pfr3a and I need something smaller for it when I travel. I'd like to leave the Hendricks paddle on the hb1a in the shack.

Charlie, w8OEY

-----Original Message-----
From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Apr 23, 2011 1:20 pm
Subject: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Okay Charlie,
I've got you down as one of the testers for the PFR3A paddles.
Should you like them and decide you would like me to make you a set for your HB1A, I'll nedd to get specifications from you for that particular radio and I'll make a set of paddles for it too.
Thank you for your interest and I'll keep you all posted.
Ren
KG4BAS

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , grandpa <w8oey@...> wrote:
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> Ren,
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> I would love to have another pfr3a paddle. Need a paddle for my hb1a. Be glad to pay you for one.

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> Charlie, W8OEY
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> -----Original Message-----
> From: Ren <nmonllor@...>
> To: pfr3_group <pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> >
> Sent: Sat, Apr 23, 2011 10:43 am
> Subject: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?
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> Hi Steve,
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> I'd be more than happy to make a couple of extra keys and send them to volunteers to try out and see if it would be a worthwhile venture.
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> Anybody interested?? Let me know and I'll get them out ASAP.
>
> Ren
> KG4BAS
>

2298. Re: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-23 17:16:56 UTC
From: Ren
Topic: 2266 Message: 2298

Okay,
I have Dale, Charlie and Tim who'll test paddles. I'll take two more names and start cutting and gathering materials for five paddles today.
Anyone else??
Ren
KG4BAS

2299. RE: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-23 18:36:21 UTC
From: Paul Feltz
Topic: 2266 Message: 2299

Ren:
Yes, QRZ has correct data. Thanks, let me know the costs, will send you a check if that works.

72 es 73
Paul
WA0VDM

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Sat, 23 Apr 2011 14:07:10 -0400
Subject: RE: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Okay guys,
I’ve got 4 names for the PFR3A paddles and 1 for the straight key. I’ll take one other name for the PFR3A paddles and I’ll be sending out the straight key on Monday to Paul (WA0VDM). Paul, is the address on QRZ.com a good address to send the straight key to?

Ren
KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of grandpa
Sent: Saturday, April 23, 2011 1:52 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Ren,

Thanks for the quick reply. The hole layout on the hb1a is exactly the same as for the pfr3a. The Hendricks original paddle fits nicely on the hb1a. I'm now using a Baby Black Widow paddle on the pfr3a and I need something smaller for it when I travel. I'd like to leave the Hendricks paddle on the hb1a in the shack.

Charlie, w8OEY

-----Original Message-----
From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Apr 23, 2011 1:20 pm
Subject: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Okay Charlie,
I've got you down as one of the testers for the PFR3A paddles.
Should you like them and decide you would like me to make you a set for your HB1A, I'll nedd to get specifications from you for that particular radio and I'll make a set of paddles for it too.
Thank you for your interest and I'll keep you all posted.

Ren
KG4BAS

--- In pfr3_group@yahoogroups.com, grandpa <w8oey@...> wrote:
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>
> Ren,
>
> I would love to have another pfr3a paddle. Need a paddle for my hb1a. Be glad to pay you for one.
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> Charlie, W8OEY
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> -----Original Message-----
> From: Ren <nmonllor@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Sat, Apr 23, 2011 10:43 am
> Subject: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?
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> Hi Steve,
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> I'd be more than happy to make a couple of extra keys and send them to volunteers to try out and see if it would be a worthwhile venture.
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> Anybody interested?? Let me know and I'll get them out ASAP.
>
> Ren
> KG4BAS
>

2300. Paddle for PFR-3

Yahoo group: pfr3_group
Date: 2011-04-23 23:39:02 UTC
From: Inoue Kumekazu (JG3MVG)
Topic: 2300 Message: 2300

I made small paddle for PFR-3.
It's simple and cheap but it's using "Micro-switch(miniature snap-action switch)" for operation.

I uploaded photo in group page.

Regards.

JG3MVG / INOUE

2301. Re: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-24 02:29:31 UTC
From: ckwishmeier@cs.com
Topic: 2266 Message: 2301

Ren,
Count me in. If you establish a price I'll buy it.
Ken
WA9S

-----Original Message-----
From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Apr 23, 2011 2:18 pm
Subject: Re: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Okay,
I have Dale, Charlie and Tim who'll test paddles. I'll take two more names and start cutting and gathering materials for five paddles today.
Anyone else??
Ren
KG4BAS

2302. Re: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-24 02:36:10 UTC
From: BOB AF2Q
Topic: 2266 Message: 2302

Ren,start the machine work. I think you already have 5 buyers and I looked at the pictures so count me in also. Bob AF2Q
Former member of the 12 O'clock Skydiving Team

2303. Re: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-25 13:02:05 UTC
From: hzp_electronics@juno.com
Topic: 2266 Message: 2303
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

2304. Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-26 12:41:18 UTC
From: Michael E. Califf,Sr.
Topic: 2266 Message: 2304

I to would be interested in obtaining a set of paddles for my pfr3 as I like the fold down feature!!

Michael E. Califf,Sr. AB7OC
901 SW Marshall Ave.
Pendleton,OR 97801

2305. RE: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-04-26 13:07:04 UTC
From: N. A. Monllor
Topic: 2266 Message: 2305

Hi Michael,

Thank you for your order. As soon as I get a couple more done, I will contact you with payment amount.

Thank you , I really appreciate your interest in my key.

Ren

KG4BAS

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Michael E. Califf,Sr.
Sent: Tuesday, April 26, 2011 8:41 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Anyone need a PFR3-A Paddle Kit?

I to would be interested in obtaining a set of paddles for my pfr3 as I like the fold down feature!!

Michael E. Califf,Sr. AB7OC

901 SW Marshall Ave.

Pendleton,OR 97801

2306. Paddles for the PFR3A Update

Yahoo group: pfr3_group
Date: 2011-04-28 21:10:33 UTC
From: N. A. Monllor
Topic: 2193 Message: 2306

Hello Everyone,

I started work on the paddles on Monday. I had no 1"x1" stock so I had to cut them from some 1" by 6" 6061 I had in the shop. What a pain in the you know what, considering I do not own a vertical, metal cutting band saw. At any rate, I had enough stock to get 10 bases made and I spent yesterday and today cutting to size and hogging out the bases. I've got 5 done so far and tomorrow I'll finish hogging out the rest of the bases and begin the boring and threading of the holes that will accept the key plug.

The project is moving along nicely but slowly. I expect to have them all done and ready to ship by Tuesday or Wednesday. After meeting with the local QRPers in my club last Monday evening, I've decided on a selling price of $43.00 for the key + $5.20 for Priority Shipping to any USA address, for a total of $48.20.

For those of you who asked, in as much as I have a Paypal account, I prefer checks or money orders as Paypal does charge a fee, and I'm trying to do my best to keep prices down for all of us. If you must use Paypal, for whatever reason, please let me know.

Hope everyone is doing well and 72's,

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

2307. RE: [pfr3_group] Paddles for the PFR3A Update

Yahoo group: pfr3_group
Date: 2011-04-28 23:42:48 UTC
From: Dale Putnam
Topic: 2193 Message: 2307

Hi Ren,
It would seem to me that the difference between your very respectable price and an even $50 is just a tiny bit above the cut that Paypal wants... so.. IF it is ok with you, I'll send $50 via paypal, to what address for you/the key??
It sounds like a solid deal to me.
Hope all is well with you, and the storms are leaving you alone. We had a beautiful day here, today. Our time with the summer storms is coming.
Have a great day,

--... ..---
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Thu, 28 Apr 2011 17:10:33 -0400
Subject: [pfr3_group] Paddles for the PFR3A Update

Hello Everyone,
I started work on the paddles on Monday. I had no 1”x1” stock so I had to cut them from some 1” by 6” 6061 I had in the shop. What a pain in the you know what, considering I do not own a vertical, metal cutting band saw. At any rate, I had enough stock to get 10 bases made and I spent yesterday and today cutting to size and hogging out the bases. I’ve got 5 done so far and tomorrow I’ll finish hogging out the rest of the bases and begin the boring and threading of the holes that will accept the key plug.
The project is moving along nicely but slowly. I expect to have them all done and ready to ship by Tuesday or Wednesday. After meeting with the local QRPers in my club last Monday evening, I’ve decided on a selling price of $43.00 for the key + $5.20 for Priority Shipping to any USA address, for a total of $48.20.
For those of you who asked, in as much as I have a Paypal account, I prefer checks or money orders as Paypal does charge a fee, and I’m trying to do my best to keep prices down for all of us. If you must use Paypal, for whatever reason, please let me know.

Hope everyone is doing well and 72’s,
Ren

N.A. (Ren) Monllor
KG4BAS
QRP ARCI # 14308
http://www.qrparci.org/
NAQCC #4880
http://naqcc.info/

2308. RE: [pfr3_group] Paddles for the PFR3A Update

Yahoo group: pfr3_group
Date: 2011-04-29 00:47:54 UTC
From: N. A. Monllor
Topic: 2193 Message: 2308

Wow Dale, Thank you!!!

My Paypal email is: info@....

Everything here is wonderful, if you like 96* temperatures (something I'm still not used to).

I've been busy in the machine shop making my paddles and enjoying life.

Fortunately for us, the storms have been way north of us, so there have not been any problems with the weather. I will say though that, my prayers go out to those less fortunate who were in the way of the storms. Watching the news, those poor folks have really felt Mother Nature at her strongest.

Well my friend be well and I'll get the paddles out to you just as soon as they are done,

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Thursday, April 28, 2011 7:43 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Paddles for the PFR3A Update

Hi Ren,
It would seem to me that the difference between your very respectable price and an even $50 is just a tiny bit above the cut that Paypal wants... so.. IF it is ok with you, I'll send $50 via paypal, to what address for you/the key??
It sounds like a solid deal to me.
Hope all is well with you, and the storms are leaving you alone. We had a beautiful day here, today. Our time with the summer storms is coming.
Have a great day,

--... ..---
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Thu, 28 Apr 2011 17:10:33 -0400
Subject: [pfr3_group] Paddles for the PFR3A Update

Hello Everyone,

I started work on the paddles on Monday. I had no 1"x1" stock so I had to cut them from some 1" by 6" 6061 I had in the shop. What a pain in the you know what, considering I do not own a vertical, metal cutting band saw. At any rate, I had enough stock to get 10 bases made and I spent yesterday and today cutting to size and hogging out the bases. I've got 5 done so far and tomorrow I'll finish hogging out the rest of the bases and begin the boring and threading of the holes that will accept the key plug.

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For those of you who asked, in as much as I have a Paypal account, I prefer checks or money orders as Paypal does charge a fee, and I'm trying to do my best to keep prices down for all of us. If you must use Paypal, for whatever reason, please let me know.

Hope everyone is doing well and 72's,

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

2309. Re: [pfr3_group] Paddles for the PFR3A Update

Yahoo group: pfr3_group
Date: 2011-04-29 01:36:36 UTC
From: ckwishmeier@cs.com
Topic: 2193 Message: 2309

Ren,

If I am part of the paddle purchase group (I'm not sure even though I have responded twice), I will do as Dale and Paypal $50 to you. Please let me know.
Thanks

Keith
WA9S

-----Original Message-----
From: N. A. Monllor <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Apr 28, 2011 8:47 pm
Subject: RE: [pfr3_group] Paddles for the PFR3A Update

Wow Dale, Thank you!!!

My Paypal email is: info@monllorrods.com.

Everything here is wonderful, if you like 96* temperatures (something I'm still not used to).
I've been busy in the machine shop making my paddles and enjoying life.
Fortunately for us, the storms have been way north of us, so there have not been any problems with the weather. I will say though that, my prayers go out to those less fortunate who were in the way of the storms. Watching the news, those poor folks have really felt Mother Nature at her strongest.
Well my friend be well and I'll get the paddles out to you just as soon as they are done,
Ren

N.A. (Ren) Monllor
KG4BAS
QRP ARCI # 14308
http://www.qrparci.org/
NAQCC #4880
http://naqcc.info/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Thursday, April 28, 2011 7:43 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Paddles for the PFR3A Update

Hi Ren,
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Have a great day,

--... ..---
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date : Thu, 28 Apr 2011 17:10:33 -0400
Subject: [pfr3_group] Paddles for the PFR3A Update

Hello Everyone,
I started work on the paddles on Monday. I had no 1”x1” stock so I had to cut them from some 1” by 6” 6061 I had in the shop. What a pain in the you know what, considering I do not own a vertical, metal cutting band saw. At any rate, I had enough stock to get 10 bases made and I spent yesterday and today cutting to size and hogging out the bases. I’ve got 5 done so far and tomorrow I’ll finish hogging out the rest of the bases and begin the boring and threading of the holes that will accept the key plug.
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Hope everyone is doing well and 72’s,
Ren

N.A. (Ren) Monllor
KG4BAS
QRP ARCI # 14308
http://www.qrparci.org/
NAQCC #4880
http://naqcc.info/

2310. Re: [pfr3_group] Paddles for the PFR3A Update

Yahoo group: pfr3_group
Date: 2011-04-29 01:29:56 UTC
From: BOB AF2Q
Topic: 2193 Message: 2310

No pay pal here Ren so when mine is finished let me know and I'll fire off a check or if my leg isn't burning up then I'll send a Postal Money order. Bob AF2Q
Former member of the 12 O'clock Skydiving Team

-----Original Message-----
From: "N. A. Monllor" <nmonllor@tampabay.rr.com>
Sender: pfr3_group@yahoogroups.com
Date: Thu, 28 Apr 2011 20:47:54
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Paddles for the PFR3A Update

Wow Dale, Thank you!!!

My Paypal email is: info@monllorrods.com.

Everything here is wonderful, if you like 96* temperatures (something I'm still not used to).

I've been busy in the machine shop making my paddles and enjoying life.

Fortunately for us, the storms have been way north of us, so there have not been any problems with the weather. I will say though that, my prayers go out to those less fortunate who were in the way of the storms. Watching the news, those poor folks have really felt Mother Nature at her strongest.

Well my friend be well and I'll get the paddles out to you just as soon as they are done,

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Thursday, April 28, 2011 7:43 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Paddles for the PFR3A Update

Hi Ren,
It would seem to me that the difference between your very respectable price and an even $50 is just a tiny bit above the cut that Paypal wants... so.. IF it is ok with you, I'll send $50 via paypal, to what address for you/the key??
It sounds like a solid deal to me.
Hope all is well with you, and the storms are leaving you alone. We had a beautiful day here, today. Our time with the summer storms is coming.
Have a great day,

--... ..---
Dale - WC7S in Wy

_____

To: pfr3_group@yahoogroups.com
From: nmonllor@tampabay.rr.com
Date: Thu, 28 Apr 2011 17:10:33 -0400
Subject: [pfr3_group] Paddles for the PFR3A Update

Hello Everyone,

I started work on the paddles on Monday. I had no 1"x1" stock so I had to cut them from some 1" by 6" 6061 I had in the shop. What a pain in the you know what, considering I do not own a vertical, metal cutting band saw. At any rate, I had enough stock to get 10 bases made and I spent yesterday and today cutting to size and hogging out the bases. I've got 5 done so far and tomorrow I'll finish hogging out the rest of the bases and begin the boring and threading of the holes that will accept the key plug.

The project is moving along nicely but slowly. I expect to have them all done and ready to ship by Tuesday or Wednesday. After meeting with the local QRPers in my club last Monday evening, I've decided on a selling price of $43.00 for the key + $5.20 for Priority Shipping to any USA address, for a total of $48.20.

For those of you who asked, in as much as I have a Paypal account, I prefer checks or money orders as Paypal does charge a fee, and I'm trying to do my best to keep prices down for all of us. If you must use Paypal, for whatever reason, please let me know.

Hope everyone is doing well and 72's,

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

2311. Re: [pfr3_group] Paddles for the PFR3A Update

Yahoo group: pfr3_group
Date: 2011-04-29 01:34:03 UTC
From: BOB AF2Q
Topic: 2193 Message: 2311

No pay pal here Ren so when mine is finished let me know and I'll fire off a check or if my leg isn't burning up then I'll send a Postal Money order. Bob AF2Q
Former member of the 12 O'clock Skydiving Team

-----Original Message-----
From: "N. A. Monllor" <nmonllor@tampabay.rr.com>
Sender: pfr3_group@yahoogroups.com
Date: Thu, 28 Apr 2011 20:47:54
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Paddles for the PFR3A Update

Wow Dale, Thank you!!!

My Paypal email is: info@monllorrods.com.

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Well my friend be well and I'll get the paddles out to you just as soon as they are done,

Ren

N.A. (Ren) Monllor

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NAQCC #4880

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From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Thursday, April 28, 2011 7:43 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Paddles for the PFR3A Update

Hi Ren,
It would seem to me that the difference between your very respectable price and an even $50 is just a tiny bit above the cut that Paypal wants... so.. IF it is ok with you, I'll send $50 via paypal, to what address for you/the key??
It sounds like a solid deal to me.
Hope all is well with you, and the storms are leaving you alone. We had a beautiful day here, today. Our time with the summer storms is coming.
Have a great day,

--... ..---
Dale - WC7S in Wy

_____

To: pfr3_group@yahoogroups.com
From: nmonllor@tampabay.rr.com
Date: Thu, 28 Apr 2011 17:10:33 -0400
Subject: [pfr3_group] Paddles for the PFR3A Update

Hello Everyone,

I started work on the paddles on Monday. I had no 1"x1" stock so I had to cut them from some 1" by 6" 6061 I had in the shop. What a pain in the you know what, considering I do not own a vertical, metal cutting band saw. At any rate, I had enough stock to get 10 bases made and I spent yesterday and today cutting to size and hogging out the bases. I've got 5 done so far and tomorrow I'll finish hogging out the rest of the bases and begin the boring and threading of the holes that will accept the key plug.

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Hope everyone is doing well and 72's,

Ren

N.A. (Ren) Monllor

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NAQCC #4880

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2312. RE: [pfr3_group] Paddles for the PFR3A Update

Yahoo group: pfr3_group
Date: 2011-04-29 02:21:48 UTC
From: N. A. Monllor
Topic: 2193 Message: 2312

Hi Keith,

I’ve been so busy rounding up the materials, components and starting work, that I didn’t respond because I still hadn’t worked out the price.

You are definitely the second order going out as soon as they’re done.

Thank you so much for the order and I hope you enjoy them.

Your Paypal payment will be fine.

Thank you and be well,

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ckwishmeier@...m
Sent: Thursday, April 28, 2011 9:37 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Paddles for the PFR3A Update

Ren,

If I am part of the paddle purchase group (I'm not sure even though I have responded twice), I will do as Dale and Paypal $50 to you. Please let me know.

Thanks

Keith

WA9S

-----Original Message-----
From: N. A. Monllor <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Apr 28, 2011 8:47 pm
Subject: RE: [pfr3_group] Paddles for the PFR3A Update

Wow Dale, Thank you!!!

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KG4BAS

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From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com <mailto:pfr3_group@yahoogroups.com?>] On Behalf Of Dale Putnam
Sent: Thursday, April 28, 2011 7:43 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Paddles for the PFR3A Update

Hi Ren,
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Have a great day,

--... ..---
Dale - WC7S in Wy

_____

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date : Thu, 28 Apr 2011 17:10:33 -0400
Subject: [pfr3_group] Paddles for the PFR3A Update

Hello Everyone,

I started work on the paddles on Monday. I had no 1”x1” stock so I had to cut them from some 1” by 6” 6061 I had in the shop. What a pain in the you know what, considering I do not own a vertical, metal cutting band saw. At any rate, I had enough stock to get 10 bases made and I spent yesterday and today cutting to size and hogging out the bases. I’ve got 5 done so far and tomorrow I’ll finish hogging out the rest of the bases and begin the boring and threading of the holes that will accept the key plug.

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Hope everyone is doing well and 72’s,

Ren

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NAQCC #4880

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2313. RE: [pfr3_group] Paddles for the PFR3A Update

Yahoo group: pfr3_group
Date: 2011-04-29 02:42:15 UTC
From: N. A. Monllor
Topic: 2193 Message: 2313

Hi Bob,

You are order #3, my friend.

I'll get it out to you as soon as they're done.

A check would be fine, Bob.

Thank you and be well,

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

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NAQCC #4880

http://naqcc.info/

2314. Re: [pfr3_group] Paddles for the PFR3A Update

Yahoo group: pfr3_group
Date: 2011-04-29 02:42:16 UTC
From: ckwishmeier@cs.com
Topic: 2193 Message: 2314

Thanks Ren,

Keith
WA9S

-----Original Message-----
From: N. A. Monllor <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Apr 28, 2011 10:22 pm
Subject: RE: [pfr3_group] Paddles for the PFR3A Update

Hi Keith,
I've been so busy rounding up the materials, components and starting work, that I didn't respond because I still hadn't worked out the price.
You are definitely the second order going out as soon as they're done.
Thank you so much for the order and I hope you enjoy them.
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Thank you and be well,
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QRP ARCI # 14308
http://www.qrparci.org/
NAQCC #4880
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From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ckwishmeier@...
Sent: Thursday, April 28, 2011 9:37 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Paddles for the PFR3A Update

Ren,

If I am part of the paddle purchase group (I'm not sure even though I have responded twice), I will do as Dale and Paypal $50 to you. Please let me know.

Thanks

Keith

WA9S

-----Original Message-----
From: N. A. Monllor <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Apr 28, 2011 8:47 pm

Subject: RE: [pfr3_group] Paddles for the PFR3A Update

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From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Thursday, April 28, 2011 7:43 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Paddles for the PFR3A Update

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Have a great day,

--... ..---
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date : Thu, 28 Apr 2011 17:10:33 -0400
Subject: [pfr3_group] Paddles for the PFR3A Update

Hello Everyone,

I started work on the paddles on Monday. I had no 1”x1” stock so I had to cut them from some 1” by 6” 6061 I had in the shop. What a pain in the you know what, considering I do not own a vertical, metal cutting band saw. At any rate, I had enough stock to get 10 bases made and I spent yesterday and today cutting to size and hogging out the bases. I’ve got 5 done so far and tomorrow I’ll finish hogging out the rest of the bases and begin the boring and threading of the holes that will accept the key plug.

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Hope everyone is doing well and 72’s,

Ren

N.A. (Ren) Monllor

KG4BAS

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NAQCC #4880

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2315. Re: [pfr3_group] Paddles for the PFR3A Update

Yahoo group: pfr3_group
Date: 2011-04-29 03:15:00 UTC
From: OllySteed@aol.com
Topic: 2193 Message: 2315

Hi Ren,
No rush
Don't stress yourself out.
For now I have a very tiny set of paddles that i'm using.
If you posted your address I missed it.
Yahoo has been very slow here reason for that double post I made.
So just let me know if you OK on QRZ and i'll fire off the check tomorrow.
72/73
BOB
AF2Q

In a message dated 4/29/2011 1:42:25 A.M. Mid-Atlantic Daylight Time,
nmonllor@... writes:

Hi Bob,
You are order #3, my friend.
I'll get it out to you as soon as they're done.
A check would be fine, Bob.
Thank you and be well,
Ren

2316. RE: [pfr3_group] Paddles for the PFR3A Update

Yahoo group: pfr3_group
Date: 2011-04-29 11:14:24 UTC
From: N. A. Monllor
Topic: 2193 Message: 2316

Hi Bob,

The address on QRZ is correct.

Thank you and have a great day,

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of OllySteed@...
Sent: Thursday, April 28, 2011 11:15 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Paddles for the PFR3A Update

Hi Ren,

No rush

Don't stress yourself out.

For now I have a very tiny set of paddles that i'm using.

If you posted your address I missed it.

Yahoo has been very slow here reason for that double post I made.

So just let me know if you OK on QRZ and i'll fire off the check tomorrow.

72/73

BOB

AF2Q

In a message dated 4/29/2011 1:42:25 A.M. Mid-Atlantic Daylight Time, nmonllor@tampabay.rr.com writes:

Hi Bob,

You are order #3, my friend.

I’ll get it out to you as soon as they’re done.

A check would be fine, Bob.

Thank you and be well,

Ren

2317. Problem in iambic mode

Yahoo group: pfr3_group
Date: 2011-05-03 12:30:39 UTC
From: biyon_n
Topic: 2317 Message: 2317

Dear Everyone,

This is 7M1CPS from Japan. I am writing for the first time.

I have just made PFR-3 kit. It works well. I am impressed its sensitivity and frequency stability.

However, there is some trouble in transmitting with iambic mode.
The trouble is that, for example, when I send CQ through internal keyer, the signal heard with another receiver is as if it is a long dash. The end of each signal seems to be delayed and all signals connected. Side tone is heard quite normal, though.
This problem is not occurred when I am using straight key mode with external keyer adjusted same speed. Straight key mode makes quite normal signal. So, I guess it is not a problem in RF part.

If there could be any comments to solve this problem, I would be grateful.
Thank you.

Masahiro/7M1CPS

2318. Re: [pfr3_group] Problem in iambic mode

Yahoo group: pfr3_group
Date: 2011-05-03 14:21:52 UTC
From: OllySteed@aol.com
Topic: 2317 Message: 2318

Masahiro,
I am sorry I don't have an answer for you.
However I have been told I cannot disable the built in keyer.
I always had a feeling it can be done.
Can you tell me where in the settings I can make that change?
Thanks
BOB
AF2Q

In a message dated 5/3/2011 11:30:50 A.M. Mid-Atlantic Daylight Time,
biyon_n@... writes:

Dear Everyone,

This is 7M1CPS from Japan. I am writing for the first time.

I have just made PFR-3 kit. It works well. I am impressed its sensitivity
and frequency stability.

However, there is some trouble in transmitting with iambic mode.
The trouble is that, for example, when I send CQ through internal keyer,
the signal heard with another receiver is as if it is a long dash. The end
of each signal seems to be delayed and all signals connected. Side tone is
heard quite normal, though.
This problem is not occurred when I am using straight key mode with
external keyer adjusted same speed. Straight key mode makes quite normal signal.
So, I guess it is not a problem in RF part.

If there could be any comments to solve this problem, I would be grateful.
Thank you.

Masahiro/7M1CPS

2319. Re: Problem in iambic mode

Yahoo group: pfr3_group
Date: 2011-05-03 15:00:50 UTC
From: Ken
Topic: 2317 Message: 2319

Bob,

You can disable the internal keyer, by using a monaural plug in the paddle jack, on power up. Then you can use you external keyer or a straight key.

ken - wa4mnt

--- In pfr3_group@yahoogroups.com, OllySteed@... wrote:
>
>
> Masahiro,
> I am sorry I don't have an answer for you.
> However I have been told I cannot disable the built in keyer.
> I always had a feeling it can be done.
> Can you tell me where in the settings I can make that change?
> Thanks
> BOB
> AF2Q
>
>
> In a message dated 5/3/2011 11:30:50 A.M. Mid-Atlantic Daylight Time,
> biyon_n@... writes:
>
> Dear Everyone,
>
> This is 7M1CPS from Japan. I am writing for the first time.
>
> I have just made PFR-3 kit. It works well. I am impressed its sensitivity
> and frequency stability.
>
> However, there is some trouble in transmitting with iambic mode.
> The trouble is that, for example, when I send CQ through internal keyer,
> the signal heard with another receiver is as if it is a long dash. The end
> of each signal seems to be delayed and all signals connected. Side tone is
> heard quite normal, though.
> This problem is not occurred when I am using straight key mode with
> external keyer adjusted same speed. Straight key mode makes quite normal signal.
> So, I guess it is not a problem in RF part.
>
> If there could be any comments to solve this problem, I would be grateful.
> Thank you.
>
>
> Masahiro/7M1CPS
>

2320. Re: [pfr3_group] Re: Problem in iambic mode

Yahoo group: pfr3_group
Date: 2011-05-03 15:13:03 UTC
From: BOB AF2Q
Topic: 2317 Message: 2320

Hi Ken,Thanks for responding. I would like to use the PICO keyer at times and have the speed control at my finger tips. Many thanks. Bob. AF2Q
Former member of the 12 O'clock Skydiving Team

-----Original Message-----
From: "Ken" <hauntedmesa@gmail.com>
Sender: pfr3_group@yahoogroups.com
Date: Tue, 03 May 2011 15:00:50
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Problem in iambic mode

Bob,

You can disable the internal keyer, by using a monaural plug in the paddle jack, on power up. Then you can use you external keyer or a straight key.

ken - wa4mnt

--- In pfr3_group@yahoogroups.com, OllySteed@... wrote:
>
>
> Masahiro,
> I am sorry I don't have an answer for you.
> However I have been told I cannot disable the built in keyer.
> I always had a feeling it can be done.
> Can you tell me where in the settings I can make that change?
> Thanks
> BOB
> AF2Q
>
>
> In a message dated 5/3/2011 11:30:50 A.M. Mid-Atlantic Daylight Time,
> biyon_n@... writes:
>
> Dear Everyone,
>
> This is 7M1CPS from Japan. I am writing for the first time.
>
> I have just made PFR-3 kit. It works well. I am impressed its sensitivity
> and frequency stability.
>
> However, there is some trouble in transmitting with iambic mode.
> The trouble is that, for example, when I send CQ through internal keyer,
> the signal heard with another receiver is as if it is a long dash. The end
> of each signal seems to be delayed and all signals connected. Side tone is

> heard quite normal, though.
> This problem is not occurred when I am using straight key mode with
> external keyer adjusted same speed. Straight key mode makes quite normal signal.
> So, I guess it is not a problem in RF part.
>
> If there could be any comments to solve this problem, I would be grateful.
> Thank you.
>
>
> Masahiro/7M1CPS
>

Yahoo! Groups Links

2321. Batteries for the PFR-3

Yahoo group: pfr3_group
Date: 2011-05-03 16:00:51 UTC
From: Richard Powers
Topic: 2321 Message: 2321

Well, I messed up when I was at a Hamfest this past Sunday and forgot to get some batteries for my PFR-3. I walked right past the Battery Guys too - Can't remember their name or the web address.
Anyway, I wouldn't know exactly what kind of batteries to ask for since there are so many types.
I also need to know where to get them. I'm not sure if I should go to the local Radio Shack or not for a Radio as special as the PFR-3.

Any advice?
Thanks,
Dick WB9PWQ

2322. Re: [pfr3_group] Problem in iambic mode

Yahoo group: pfr3_group
Date: 2011-05-03 17:29:15 UTC
From: Steve Smith
Topic: 2317 Message: 2322

Hello Masahiro,

I can think of nothing that would cause the problem you describe except for U7. If it were outside of U7 then you would have the problem also in straight key mode.

Are you testing with a dummy load connected to the antenna port?

To confirm U7, monitor the voltage at R53 (2.2K) opposite the ground end. If all is OK with U7 the voltage should follow your paddle input.

Best of luck troubleshooting the problem.

73.......STeve Smith WB6TNL

---------- Original Message ----------
From: "biyon_n" <biyon_n@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Problem in iambic mode
Date: Tue, 03 May 2011 12:30:39 -0000

Dear Everyone,

This is 7M1CPS from Japan. I am writing for the first time.

I have just made PFR-3 kit. It works well. I am impressed its sensitivity and frequency stability.

However, there is some trouble in transmitting with iambic mode.
The trouble is that, for example, when I send CQ through internal keyer, the signal heard with another receiver is as if it is a long dash. The end of each signal seems to be delayed and all signals connected. Side tone is heard quite normal, though.
This problem is not occurred when I am using straight key mode with external keyer adjusted same speed. Straight key mode makes quite normal signal. So, I guess it is not a problem in RF part.

If there could be any comments to solve this problem, I would be grateful.
Thank you.

Masahiro/7M1CPS

2323. Re: Problem in iambic mode

Yahoo group: pfr3_group
Date: 2011-05-03 22:30:43 UTC
From: biyon_n
Topic: 2317 Message: 2323

Hello Steve,

Thank you for the comment.

I compared the voltages between iambic mode and straight key mode at some points.
Observation at pin 25 (mute) of U7 was somewhat different.
It read about at 2.5 volts with a little vibration (I used an analog voltmeter) when I sent continuous dots in straight key mode. It was an avarage of 5V (RX) and 0V (TX). I used a Curtis-made external keyer.

On the other hand, when I operated the iambic mode, the voltmeter read almost zero constantly while sending continuous dots or dashes.

At the pin 27 (ie. R53), observations were not different between two modes. In both mode, it indicated the avarage of 0V (RX) and 5V (TX) with a little vibration.

Now I also think it would be some issue on U7.
I wonder if I had done something wrong in the smoke test, or something.

Thank you.

Masahiro/7M1CPS

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hello Masahiro,
>
> I can think of nothing that would cause the problem you describe except for U7. If it were outside of U7 then you would have the problem also in straight key mode.
>
> Are you testing with a dummy load connected to the antenna port?
>
> To confirm U7, monitor the voltage at R53 (2.2K) opposite the ground end. If all is OK with U7 the voltage should follow your paddle input.
>
> Best of luck troubleshooting the problem.
>
> 73.......STeve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "biyon_n" <biyon_n@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Problem in iambic mode
> Date: Tue, 03 May 2011 12:30:39 -0000
>
> Dear Everyone,
>

> This is 7M1CPS from Japan. I am writing for the first time.
>
> I have just made PFR-3 kit. It works well. I am impressed its sensitivity and frequency stability.
>
> However, there is some trouble in transmitting with iambic mode.
> The trouble is that, for example, when I send CQ through internal keyer, the signal heard with another receiver is as if it is a long dash. The end of each signal seems to be delayed and all signals connected. Side tone is heard quite normal, though.
> This problem is not occurred when I am using straight key mode with external keyer adjusted same speed. Straight key mode makes quite normal signal. So, I guess it is not a problem in RF part.
>
> If there could be any comments to solve this problem, I would be grateful.
> Thank you.
>
>
> Masahiro/7M1CPS
>

2324. I CAN USE SOME HELP PLEASE

Yahoo group: pfr3_group
Date: 2011-05-04 05:13:57 UTC
From: OllySteed@aol.com
Topic: 2324 Message: 2324

First off I have to admit after being a ham for 34 years I never heard of
a monaural plug.
I tried all my plugs and adapters and I still can't disable the rigs keyer.
Radio Shack,Well they never heard of it so i'm still with the built in
keyer.
No problem with that but it would be nice to have the function.
The second problem I have is when I go to the *M* in the menu and the RX
mutes out,I put in CQ and my call several times.
I have to hit the menu button to hear my message.
All the nice smooth letters I put in when it plays back just sends out
random dits and Dahs and at times I will hear my call in the mess of unwanted
characters.
Not concerned with that since I never use that function on any other rigs
I have.
But the external keyer just sends dits weather I hold the dit or dah side
of the paddle.
So it looks like this monaural plug is some sort of different beast?
I'm doing all this in the tune mode and a dummy load.
All else is working fine 5+ watts on all bands.
Any help much appreciated.
Thanks
BOB
AF2Q

2325. Re: [pfr3_group] I CAN USE SOME HELP PLEASE UP DATE!!

Yahoo group: pfr3_group
Date: 2011-05-04 08:04:24 UTC
From: OllySteed@aol.com
Topic: 2325 Message: 2325

Hi Gang,
4 AM here and i'm still trying to get the PICO keyer working with the pfr3.
I did something and I have the straight key mode now.
However the PICO keyer sends dots with both paddles.
I can adjust the speed so that works.
The 2 PICO keyers both work in the FT 817 and the 2 band China rig.
But one sends dots and the second one just sends a steady carrier with the
pfr3 rig
~~~~>If a monaural plug is in the paddle jack at power up (the sleeve
grounds the dash input pin), the rig will power up in straight
key mode. This allows using either a straight key or external keyer. While
in straight key mode, none of the keyer switch
functions will be available. If a message has been previously stored in
the keyer memories, only memory location 1 will be
available, (tap the straight key closed with in 1 second of clicking the
keyer switch) as this is selected with the dot input pin,
now controlled by the straight key.
So I can use a straight key,or use one side of the paddle so that should
confirm I am in the straight key mode but when I hook up the PICO keyer I
think there is some sort of conflict.
Is anyone here using the PICO keyer with the pfr3?
Thanks
BOB
AF2Q
~~~~

2326. Re: I CAN USE SOME HELP PLEASE

Yahoo group: pfr3_group
Date: 2011-05-04 12:31:55 UTC
From: ad1os808
Topic: 2324 Message: 2326

I had the "stored message gibberish" with a PFR3A. It played back terribly in the "message test" mode, but after storing it (by pressing the dit or dah), it played fine into a dummy load. I have no idea why, but that's what mine did. The plain early version PFR3 never did this.

The PK3, PK4 and an N0XAS keyer work on both PFR3 versions here. I use a 3.5mm mono jumper, make sure the jumper is plugged into the PFR before you power it up. I found the tune function disappears, and only the message in the "dit" memory stays as described.

Mike AD1OS

2327. Re: [pfr3_group] Re: I CAN USE SOME HELP PLEASE

Yahoo group: pfr3_group
Date: 2011-05-04 13:02:27 UTC
From: BOB AF2Q
Topic: 2324 Message: 2327

Hi Mike I did read that but when I tapped the dot paddle it did nothing but worked when I tapped the menu key for less then a second. Yes on the mono plug. What I have that really messed up my brain cells is a cord with a mono on one end and a stereo on the other. I was up all night and I'm at the Rat Shack now so I will just get what I need and start fresh. Thank you very much for responding. 72/73 Bob AF2Q
Former member of the 12 O'clock Skydiving Team

-----Original Message-----
From: "ad1os808" <bb1300@aol.com>
Sender: pfr3_group@yahoogroups.com
Date: Wed, 04 May 2011 12:31:55
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: I CAN USE SOME HELP PLEASE

I had the "stored message gibberish" with a PFR3A. It played back terribly in the "message test" mode, but after storing it (by pressing the dit or dah), it played fine into a dummy load. I have no idea why, but that's what mine did. The plain early version PFR3 never did this.

The PK3, PK4 and an N0XAS keyer work on both PFR3 versions here. I use a 3.5mm mono jumper, make sure the jumper is plugged into the PFR before you power it up. I found the tune function disappears, and only the message in the "dit" memory stays as described.

Mike AD1OS

Yahoo! Groups Links

2328. Re: [pfr3_group] Re: I CAN USE SOME HELP PLEASE

Yahoo group: pfr3_group
Date: 2011-05-04 13:10:05 UTC
From: Carey Magee (K2RNY)
Topic: 2324 Message: 2328

Hi:

I have experienced the jibberish when I first stored a message too. First off, only memory 1 is active when in straight key mode cause the dah paddle is grounded when you use the mono plug.

When entering your message, there is a timing issue you need to be aware of, especially with letters. So what I did was to lengthen the space between letters. You have to try it a few times to get the hang of it. If you lengthen the space between characters too much, then it gets interpreted as a space. Bottom line, keep the character speed equal, just lengthen the timing between characters a bit and make your word spaces longer. If your external keyer has memories, I would use them and let the external keyer do the work .

Good luck. This is a great rig. Once you get it setup and operating the way you like it, it works absolutely fantastic. Almost time for me to get the patio table up and move the shack outdoors! HI HI.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

----- "ad1os808" <bb1300@...> wrote:

I had the "stored message gibberish" with a PFR3A. It played back terribly in the "message test" mode, but after storing it (by pressing the dit or dah), it played fine into a dummy load. I have no idea why, but that's what mine did. The plain early version PFR3 never did this.

The PK3, PK4 and an N0XAS keyer work on both PFR3 versions here. I use a 3.5mm mono jumper, make sure the jumper is plugged into the PFR before you power it up. I found the tune function disappears, and only the message in the "dit" memory stays as described.

Mike AD1OS

2329. Re: [pfr3_group] Re: I CAN USE SOME HELP PLEASE

Yahoo group: pfr3_group
Date: 2011-05-04 14:30:23 UTC
From: BOB AF2Q
Topic: 2324 Message: 2329

Hi Carey,I have the keyer working on other rigs but can't do it with this so I think perhaps with all the cords and jacks I have I may have reversed the stereo and mone plugs in the keyer I"m not home now but later I will post my findings Thanks for the info on the spacing because I was doing mine well over 18 WPM. I should have my Jacklite pole SAT. So I will be burning up the 40 meter band in the morning. Thank you very much for the help.
72/73. Bob AF2Q
Former member of the 12 O'clock Skydiving Team

-----Original Message-----
From: "Carey Magee (K2RNY)" <k2rny@frontiernet.net>
Sender: pfr3_group@yahoogroups.com
Date: Wed, 4 May 2011 13:10:05
To: pfr3 group<pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: I CAN USE SOME HELP PLEASE

Hi:

I have experienced the jibberish when I first stored a message too. First off, only memory 1 is active when in straight key mode cause the dah paddle is grounded when you use the mono plug.

When entering your message, there is a timing issue you need to be aware of, especially with letters. So what I did was to lengthen the space between letters. You have to try it a few times to get the hang of it. If you lengthen the space between characters too much, then it gets interpreted as a space. Bottom line, keep the character speed equal, just lengthen the timing between characters a bit and make your word spaces longer. If your external keyer has memories, I would use them and let the external keyer do the work .

Good luck. This is a great rig. Once you get it setup and operating the way you like it, it works absolutely fantastic. Almost time for me to get the patio table up and move the shack outdoors! HI HI.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny

==========

----- "ad1os808" <bb1300@aol.com> wrote:

I had the "stored message gibberish" with a PFR3A. It played back terribly in the "message test" mode, but after storing it (by pressing the dit or dah), it played fine into a dummy load. I have no idea why, but that's what mine did. The plain early version PFR3 never did this.

The PK3, PK4 and an N0XAS keyer work on both PFR3 versions here. I use a 3.5mm mono jumper, make sure the jumper is plugged into the PFR before you power it up. I found the tune function disappears, and only the message in the "dit" memory stays as described.

Mike AD1OS

2330. Re: Problem in iambic mode

Yahoo group: pfr3_group
Date: 2011-05-04 17:56:00 UTC
From: John Parnell
Topic: 2317 Message: 2330

Hi- I did not see anyone else mention this (and it might not work with your particular keyer).
When I want to use my little external Winkeyer with the PFR, I used the manual's procedure for setting it for straight key/tune mode: I plugged in the iambic key, held down the "dash" side and turned the power on. I then ran the output from my keyer to the PFR to generate the CW. I usually only do this when I need the winkeyers sequential serial numbers feature for some contests. The disadvantage is that some of the other PFR features such as RIT and direct freq entry are disabled in this mode.
Good luck es 72 de john/k7hv

2331. Re: [pfr3_group] Re: Problem in iambic mode

Yahoo group: pfr3_group
Date: 2011-05-04 18:13:40 UTC
From: OllySteed@aol.com
Topic: 2317 Message: 2331

Hi John,
I just came in and I did stop at the Rat Shack but they wanted an arm and $8.99 for that cord
It works with the 2 band China rig so I may have a bug in the pico keyer.
One person sent me this note
~~~>The PK3, PK4 and an N0XAS keyer work on both PFR3 versions here. I use a 3.5mm mono jumper, make sure the jumper is plugged into the PFR before you power it up. I found the tune function disappears, and only the message in the "dit" memory stays as described.
I have to grab some food and get back on this project.
I will post my results later.
Thank you very much for responding.
73/73
BOB
AF2Q

In a message dated 5/4/2011 4:56:02 P.M. Mid-Atlantic Daylight Time, jparnell@... writes:

Hi- I did not see anyone else mention this (and it might not work with your particular keyer).
When I want to use my little external Winkeyer with the PFR, I used the manual’s procedure for setting it for straight key/tune mode: I plugged in the iambic key, held down the “dash” side and turned the power on. I then ran the output from my keyer to the PFR to generate the CW. I usually only do this when I need the winkeyers sequential serial numbers feature for some contests. The disadvantage is that some of the other PFR features such as RIT and direct freq entry are disabled in this mode.
Good luck es 72 de john/k7hv
~~~

2332. THANK YOU

Yahoo group: pfr3_group
Date: 2011-05-04 18:58:23 UTC
From: OllySteed@aol.com
Topic: 2332 Message: 2332

Thank you,everyone who responded.
The problem was a new mono cord I purchased several months ago.
It has a short in that cord.
I located another one in the junk box and found a thinner one, and one end has a nice 45* mono plug in it.
I put that in and POOF,just like magic it's working like it should.
Another person told me about the setting the spacing for the message at a slower speed.
I tried that and it now sends out that message and sounds just as good as W1AW..
Once again,
Thank you to all who took the time to post the tips and suggestions.
The built in keyer speed control is very easy and fast and I doubt that I will use the PICO keyer but at least I now know everything is like it should be.
Thanks for all the help.
Now I can get some sleep:-)
BOB
AF2Q

2333. PFR3A Paddle Update

Yahoo group: pfr3_group
Date: 2011-05-05 16:16:12 UTC
From: Ren
Topic: 2333 Message: 2333

Good morning folks,

Yesterday I shipped the first three paddles to Dale (WC7S), Keith (WA9S) and Timothy (K6OM). Charlie,s (W8OEY) paddle is going to the Post Office as soon as I'm off the computer. According to the postman, Dale, Keith and Tim should be receiving them on Friday. Bob (AF2Q), your paddles are done and I'm just waiting on your check to arrive.

I tested each paddle using my PFR3A radio before I packed them and they worked just fine. I included the 2, 4-40 mounting screws needed to attach the key to the radio.

Since yesterday, I have changed 1 hole demension by .014", allowing for better clearance of the plug wires. Should either of you guys decide you would like me to do the same to your bases let me know, and we'll get it done.

The reason for the change is because when first assembling the paddle, there would be contact made with the base of the plug, grounding the dit side of the paddle. On your paddles, I insulated the base of the plug and it worked just perfectly, so I shipped them like that. Again, if you'd prefer the reworked base just let me know and we'll work something out, without a problem.

If you have ideas as how to make a better paddle, please, please, please, let me know.

FYI: I was told by a couple of people that these particular paddles would fit the HB1A, KX1, and a couple of the TenTec radios, I designed them for the PFR3A. Personally, I would not use them on those radios as, in as much as the keys will work, there will be no additional support of the base to the radio, other than the plug itself, placing a large amount of side to side pressure on the key plug shaft. I'm in the process of designing keys for those radios using the bulldog clip for the paddles, offering owners of those radios, the same benefits of the PFR3A Paddles.

Guys, thank you for your orders, patience, and trust. I hope that you are happy with the paddles. If you are, please let others and myself know. If you're not, please let me know so as to take proper care of the problem.

Again, all be well and enjoy,
Ren
KG4BAS

2334. Re: [pfr3_group] PFR3A Paddle Update

Yahoo group: pfr3_group
Date: 2011-05-06 09:36:44 UTC
From: David Wilcox
Topic: 2333 Message: 2334

Ren,

I must have missed earlier discussions. Would you please send me an email at my personal address Djwilcox01@... re your paddles for the PFR-3. I am interested.

Thank you.

Dave K8WPE

2335. Substituting Wires

Yahoo group: pfr3_group
Date: 2011-05-06 18:59:45 UTC
From: Felipe Barco
Topic: 2335 Message: 2335

Hello, folks!

Well, I bought a PFR-3 kit, which arrived last week.

Everything came in, except for the wires.

I went to buy them today in the morning, and I was succesful finding Magnet AWG 28. I didn't find the Magnet Wire AWG 30, only found bare copper, which I bought because the store didn't know when they would have the magnet one.

Can I use this wire? If Yes/No, why?

As I can see, the turns on L1 don't touch each other. A friend told me I could use some regular varnish on the wire before winding it. If I have to, I can wait until the store has more of the Magnet Wire, but I'd like to don't stop building it.

Also, I bought regular coated AWG 24 wire. This is the correct one, right?

I'm sorry for all the questions.

Thank you in advance,

Kind Regards
Felipe
PU2OVA

2336. Re: [pfr3_group] Substituting Wires

Yahoo group: pfr3_group
Date: 2011-05-06 20:19:02 UTC
From: Steve Smith
Topic: 2335 Message: 2336

Hello Felipe,

Bare wire will work just fine as long as it doesn't contact another bare copper winding or some other conductor external to the toroid.

You should also contact one of the Dougs for replacement wire. They need to know that it was missing.

Best of luck with your kit.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: Felipe Barco <felipebarco@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Substituting Wires
Date: Fri, 6 May 2011 15:59:45 -0300

Hello, folks!

Well, I bought a PFR-3 kit, which arrived last week.

Everything came in, except for the wires.

I went to buy them today in the morning, and I was succesful finding Magnet AWG 28. I didn't find the Magnet Wire AWG 30, only found bare copper, which I bought because the store didn't know when they would have the magnet one.

Can I use this wire? If Yes/No, why?

As I can see, the turns on L1 don't touch each other. A friend told me I could use some regular varnish on the wire before winding it. If I have to, I can wait until the store has more of the Magnet Wire, but I'd like to don't stop building it.

Also, I bought regular coated AWG 24 wire. This is the correct one, right?

I'm sorry for all the questions.

Thank you in advance,

Kind Regards
Felipe
PU2OVA

2337. Re: [pfr3_group] Substituting Wires

Yahoo group: pfr3_group
Date: 2011-05-06 20:35:24 UTC
From: BOB AF2Q
Topic: 2335 Message: 2337

If you have room on the core then wind 2 windings on it then when your finished remove one and the windings on the core will be nice,even spaced. Kite string and dental floss also works well with that thin wIre. Bob AF2Q
Former member of the 12 O'clock Skydiving Team

-----Original Message-----
From: "Steve Smith" <sigcom@juno.com>
Sender: pfr3_group@yahoogroups.com
Date: Fri, 6 May 2011 20:19:02
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Substituting Wires

Hello Felipe,

Bare wire will work just fine as long as it doesn't contact another bare copper winding or some other conductor external to the toroid.

You should also contact one of the Dougs for replacement wire. They need to know that it was missing.

Best of luck with your kit.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: Felipe Barco <felipebarco@gmail.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Substituting Wires
Date: Fri, 6 May 2011 15:59:45 -0300

Hello, folks!

Well, I bought a PFR-3 kit, which arrived last week.

Everything came in, except for the wires.

I went to buy them today in the morning, and I was succesful finding Magnet AWG 28. I didn't find the Magnet Wire AWG 30, only found bare copper, which I bought because the store didn't know when they would have the magnet one.

Can I use this wire? If Yes/No, why?

As I can see, the turns on L1 don't touch each other. A friend told me I could use some regular varnish on the wire before winding it. If I have to, I can wait until the store has more of the Magnet Wire, but I'd like to don't stop building it.

Also, I bought regular coated AWG 24 wire. This is the correct one, right?

I'm sorry for all the questions.

Thank you in advance,

Kind Regards
Felipe
PU2OVA

Yahoo! Groups Links

2338. Ren??

Yahoo group: pfr3_group
Date: 2011-05-08 18:44:46 UTC
From: Dale Putnam
Topic: 2338 Message: 2338

Hi Ren,
I've lost your email, don't ask how, please. Could you email me please?
Thank you,

--... ...-- Dale - WC7S in Wy

2339. AGC Change?

Yahoo group: pfr3_group
Date: 2011-05-08 20:49:35 UTC
From: James
Topic: 2339 Message: 2339

Would it be possible to increase the AGC time constant without messing things up? Seems most of the folks I work on QRP are in the 10-13 WPM range. The Pfr-3 AGC is a bit fast, giving a "pop" at the start of each new word. It works fine on 20 wpm code.

I found a post where Kd1JV mentioned the AGC time messing with QSK. What it would mess up and which resistor or capacitor to change is beyond me.

Any ideas from the knowledgeable among us?

Thanks

JB Ford
K5ACO

2340. Re: AGC Change?

Yahoo group: pfr3_group
Date: 2011-05-09 14:58:26 UTC
From: peter
Topic: 2339 Message: 2340

James,
A year ago KD1JV replied to my problem with "popping" AGC explaining it as an inherent drawback of audio derived AGC, but the solution is to adjust (detune) the RX gain when you have strong signals. Works for me.

73,
Peter - KB1PBA

--- In pfr3_group@yahoogroups.com, "James" <jecford@...> wrote:
>
> Would it be possible to increase the AGC time constant without messing things up? Seems most of the folks I work on QRP are in the 10-13 WPM range. The Pfr-3 AGC is a bit fast, giving a "pop" at the start of each new word. It works fine on 20 wpm code.
>
> I found a post where Kd1JV mentioned the AGC time messing with QSK. What it would mess up and which resistor or capacitor to change is beyond me.
>
> Any ideas from the knowledgeable among us?
>
> Thanks
>
> JB Ford
> K5ACO
>

2341. Re: [pfr3_group] Substituting Wires

Yahoo group: pfr3_group
Date: 2011-05-09 18:04:22 UTC
From: Felipe Barco
Topic: 2335 Message: 2341

Hello!!

Thank you for your replies! I spent my weekend without any internet
conection, so I couldn't answer before.

I'll try the double winding technique, for sure! I think I'll paint the wire
with nail polish, to isolate it!

Today, I think I'll finish Part 1.

Many thanks!!

Kind regards
Felipe

On Fri, May 6, 2011 at 5:35 PM, BOB AF2Q <OllySteed@...> wrote:

>
>
> If you have room on the core then wind 2 windings on it then when your
> finished remove one and the windings on the core will be nice,even spaced.
> Kite string and dental floss also works well with that thin wIre. Bob AF2Q
> Former member of the 12 O'clock Skydiving Team
>
> -----Original Message-----
> From: "Steve Smith" <sigcom@...>
> Sender: pfr3_group@yahoogroups.com
> Date: Fri, 6 May 2011 20:19:02
> To: <pfr3_group@yahoogroups.com>
> Reply-To: pfr3_group@yahoogroups.com
> Subject: Re: [pfr3_group] Substituting Wires
>
> Hello Felipe,
>
> Bare wire will work just fine as long as it doesn't contact another bare
> copper winding or some other conductor external to the toroid.
>
> You should also contact one of the Dougs for replacement wire. They need to
> know that it was missing.
>
> Best of luck with your kit.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: Felipe Barco <felipebarco@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>

> Subject: [pfr3_group] Substituting Wires
> Date: Fri, 6 May 2011 15:59:45 -0300
>
> Hello, folks!
>
> Well, I bought a PFR-3 kit, which arrived last week.
>
> Everything came in, except for the wires.
>
> I went to buy them today in the morning, and I was succesful finding
> Magnet AWG 28. I didn't find the Magnet Wire AWG 30, only found bare
> copper, which I bought because the store didn't know when they would
> have the magnet one.
>
> Can I use this wire? If Yes/No, why?
>
> As I can see, the turns on L1 don't touch each other. A friend told me
> I could use some regular varnish on the wire before winding it. If I
> have to, I can wait until the store has more of the Magnet Wire, but
> I'd like to don't stop building it.
>
> Also, I bought regular coated AWG 24 wire. This is the correct one, right?
>
> I'm sorry for all the questions.
>
> Thank you in advance,
>
> Kind Regards
> Felipe
> PU2OVA
>
>
>
> ------------------------------------
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> Yahoo! Groups Links
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>
>

2342. Re: AGC Change?

Yahoo group: pfr3_group
Date: 2011-05-09 21:20:32 UTC
From: James
Topic: 2339 Message: 2342

I will try that. Guess i'm so used to leaving the gain in the same spot on the "big rig" that haven't been doing it enough.

--- In pfr3_group@yahoogroups.com, "peter" <psmudgett@...> wrote:
>
> James,
> A year ago KD1JV replied to my problem with "popping" AGC explaining it as an inherent drawback of audio derived AGC, but the solution is to adjust (detune) the RX gain when you have strong signals. Works for me.
>
> 73,
> Peter - KB1PBA
>

2343. New Tenna Dipper Yahoo Group

Yahoo group: pfr3_group
Date: 2011-05-13 14:00:17 UTC
From: dean@alpinesoft.com
Topic: 2343 Message: 2343

I have just set up a group on Yahoo Groups for the new Deluxe Tenna Dipper from Hendricks QRP kits. It can be found at:

http://groups.yahoo.com/group/DeluxeTennaDipper

Dean, N7XG

2344. Introducing New Book from Adrian Weiss at Dayton

Yahoo group: pfr3_group
Date: 2011-05-13 14:31:42 UTC
From: dean@alpinesoft.com
Topic: 2344 Message: 2344

Adrian Weiss W0RSP?s new long-awaited book, IONOSPHERIC PROPAGATION, TRANSMISSION LINES, and ANTENNAS for the QRP DX?r, will be introduced at Dayton 2011 in the searchable-PDF format on CD. The author provides the following description:

The book examines the significant factors that influence the strength and coverage of a QRP h.f. signal on its journey from transmitter to distant receiver, with special attention to QRP DX?ing. Chapter 1 is an overview in which various types of loss factors are interrelated including the antenna systems at both ends and the nature of the ionospheric path itself. The tedious down-and-dirty details, data and theories (and a few formulae) are discussed in later chapters. Pages 26 to 52 of Chapter 1 are devoted to an explanation of the application of current MUF3000 contour maps available on the WEB and seven recommended propagation analysis software programs (included on the CD).

In addition to the new CD book I will also have a limited number of signed copies of his Joy of QRP book and the History of QRP available at FDIM vendor night at the Holiday Inn in Fairborne. Look for special pricing.

Dean, N7XG

2345. Hello Ren?? With Bulldog Key

Yahoo group: pfr3_group
Date: 2011-05-13 14:41:54 UTC
From: Dale Putnam
Topic: 2345 Message: 2345

Hello Howdy Ren,
Guess what? I lost your phone number, again!
and the email address is gone too... so much for paper notes.
Can you either call or email me, when you get a chance please?
I've a question.
Thank you,

--... ...-- Dale - WC7S in Wy

2346. Re: [pfr3_group] KG4BAS KG4BAS de NG9D -- need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-05-13 15:26:03 UTC
From: lahagar1@aol.com
Topic: 2266 Message: 2346

Ren,

My QRZ mailing address is good. Just pop a check in the mail and the [PFR-3A unassembled Hendricks Paddle Kit in its original sealed package] is yours.

But, if for some reason you don't want it now, please just let me know and I can offer to others - $40 including shipping.

73,

Lynn/NG9D . .

-----Original Message-----
From: N. A. Monllor <nmonllor@tampabay.rr.com>
To: pfr3_group@yahoogroups.com
Sent: Fri, Apr 22, 2011 1:44 pm
Subject: RE: [pfr3_group] Anyone need a PFR3-A Paddle Kit? [1 Attachment]

[Attachment(s) from N. A. Monllor included below]

Hi Lynn,
I sure would be interested in the paddle kit.
Because I’m on a fixed income (Disability) though, I wouldn’t be able to get it until the 3rd of next month.
If you have it then, I would certainly like to purchase it from you.
Please let me know and thank you,
Ren
KG4BAS

BTW, here is the paddle I made for mine. I has a very small foot print.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of lahagar1@...
Sent: Friday, April 22, 2011 9:38 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

I have one unassembled PFR-3A Paddle Kit in its original seale d package available for $40.

Lynn/NG9D

2347. RE: [pfr3_group] KG4BAS KG4BAS de NG9D -- need a PFR3-A Paddle Kit?

Yahoo group: pfr3_group
Date: 2011-05-13 20:17:30 UTC
From: N. A. Monllor
Topic: 2266 Message: 2347

HI Lynn,

Sorry about that, I been busy with orders for the PFR3A key I designed. I forgot all about it.

Checks in the mail, I just put it in the mailbox.

Thank you,

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of lahagar1@...
Sent: Friday, May 13, 2011 11:26 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] KG4BAS KG4BAS de NG9D -- need a PFR3-A Paddle Kit?

Ren,

My QRZ mailing address is good. Just pop a check in the mail and the [PFR-3A unassembled Hendricks Paddle Kit in its original sealed package] is yours.

But, if for some reason you don't want it now, please just let me know and I can offer to others - $40 including shipping.

73,

Lynn/NG9D . .

-----Original Message-----
From: N. A. Monllor <nmonllor@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, Apr 22, 2011 1:44 pm
Subject: RE: [pfr3_group] Anyone need a PFR3-A Paddle Kit? [1 Attachment]

[<http://mail.aol.com/33668-111/aol-1/en-us/Suite.aspx#TopText> Attachment(s) from N. A. Monllor included below]

Hi Lynn,

I sure would be interested in the paddle kit.

Because I’m on a fixed income (Disability) though, I wouldn’t be able to get it until the 3rd of next month.

If you have it then, I would certainly like to purchase it from you.

Please let me know and thank you,

Ren

KG4BAS

BTW, here is the paddle I made for mine. I has a very small foot print.

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com <mailto:pfr3_group@yahoogroups.com?>] On Behalf Of lahagar1@...
Sent: Friday, April 22, 2011 9:38 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Anyone need a PFR3-A Paddle Kit?

I have one unassembled PFR-3A Paddle Kit in its original seale d package available for $40.

Lynn/NG9D

2348. Norcal to Attend Dayton/FDIM

Yahoo group: pfr3_group
Date: 2011-05-13 21:31:02 UTC
From: dean@alpinesoft.com
Topic: 2348 Message: 2348

I just wanted to let everyone know that Norcal will once again be at Dayton and FDIM this year.

We will have a table at vendor night in the hotel and have a limited number of Norcal kits for sale. Including:

2n2xx
FCC! FCC1
S1S9 Signal Generator
Power Meter VE3DNL Marker generator

Please drop by and say hi.

Dean, N7XG

2349. This close to buying one...

Yahoo group: pfr3_group
Date: 2011-05-14 22:55:15 UTC
From: allen.woolfrey
Topic: 2349 Message: 2349

I have been following the group and am close to buying one, maybe at Dayton. Is there any last-minute advice or "I wish I'd knowns" that would help me before I take the plunge?

72/3, Al - VA3IAW

2350. Re: [pfr3_group] This close to buying one...

Yahoo group: pfr3_group
Date: 2011-05-14 23:05:41 UTC
From: Steve Smith
Topic: 2349 Message: 2350

No. Buy it. You'll get a good deal at Dayton.

73.......Steve Smith WB6TNL

2351. Re: This close to buying one...

Yahoo group: pfr3_group
Date: 2011-05-15 05:34:52 UTC
From: Joel Meddings
Topic: 2349 Message: 2351

If you've built kits before, you won't have any problem with the PFR-3A. I've had mine on the air since December 2010 and enjoy it very much. My only regret is that I didn't get it sooner. Have fun with yours and hope to hear you on the air soon.

73

Joel

K0JEM

2352. A/B test between pfr3 anh HB1A

Yahoo group: pfr3_group
Date: 2011-05-17 17:13:27 UTC
From: OllySteed@aol.com
Topic: 2352 Message: 2352

I was checking each rig to see how much noise I would pick up today with all the rain we had.
I ave up and fired up the ICOM 7000.
I picked up a very week station on 7.037.80.
I had the pfr3 and the HB1A sitting on the floor so I decided to see if they could pick up the station.
through the S8+ QRM the pfr3 picked up the station loudest at (BEST)7.037.10 and the HB1A picked up the same station at 7.037.90.
I can't say this is a lab type test plus I had the filters in the ICOM cranked down tight.
The pfr3 had fresh AA batteries installed and the HB1A was showing 9.12 volts.
Now on transmit both rigs are within 10 Hz of each other.
Audio on the pfr3 seemed to be close to 1/2 of the HB1A rig.
Both rigs in the past always got good reports and when I heard a station calling CW I responded and they came back.
I only us the RIT to suit my own ears.
HB1A picks up W1AW spot on and the pfr3 is about 2 Hz off.
I just don't understand the spread between the 2 rigs picking up one station but both are only 2 Hz of each other at the W1AW frequency.
I still have everything hooked up hear and will be checking everything over again.
BOB
AF2Q

2353. TWO MORE TEST

Yahoo group: pfr3_group
Date: 2011-05-17 18:08:18 UTC
From: OllySteed@aol.com
Topic: 2353 Message: 2353

OK I was playing with the filters on the IC 7000 and I think I marked down a frequency of a station then narrowed the rig down and was getting another station.
I am now listening to CW on 7.026.11
Hb1A is showing 7,06.11 and the pfr3 is showing 7.026.1
Sometimes I set the ICOM for my ears,the highest bars graph reading or the 600 Hz tone.
I knew something was strange because both rigs are with in 2 Hz on W1AW.
I may have hit the VFO dial.
Also both rigs were still getting a lot of QRM and that helped me zero in on the loudest tone.
Noise in the IC 7000 with the filters was nothing to even think of plus the MAG LOOP nulls out most of it.
BOB
AF2Q

2354. Re: TWO MORE TEST

Yahoo group: pfr3_group
Date: 2011-05-17 18:24:55 UTC
From: OllySteed@aol.com
Topic: 2353 Message: 2354

In a message dated 5/17/2011 5:08:18 P.M. Mid-Atlantic Daylight Time,
OllySteed@... writes:

OK I was playing with the filters on the IC 7000 and I think I marked down
a frequency of a station then narrowed the rig down and was getting
another station.
I am now listening to CW on 7.026.11
Hb1A is showing 7,06.11 and the pfr3 is showing 7.026.1
Sometimes I set the ICOM for my ears,the highest bars graph reading or the
600 Hz tone.
I knew something was strange because both rigs are with in 2 Hz on W1AW.
I may have hit the VFO dial.
Also both rigs were still getting a lot of QRM and that helped me zero in
on the loudest tone.
Noise in the IC 7000 with the filters was nothing to even think of plus
the MAG LOOP nulls out most of it.
BOB
AF2Q

2355. Trimmer Settings

Yahoo group: pfr3_group
Date: 2011-05-17 18:32:38 UTC
From: Felipe Barco
Topic: 2355 Message: 2355

Hello...

Here I come again, to ask for some help (there will be a day when I'll be able to help someone).

The manual tells me to turn the BFO Trimmer 1/4 turn from the factory setting... Well, I fussed with the trimmer, and can't get it back to the factory settings... If someone could, please, give me the position to the trimmer, I'd be much thankful.

Thank you in advance.

Kind regards.

Felipe

2356. RE: [pfr3_group] Trimmer Settings

Yahoo group: pfr3_group
Date: 2011-05-18 01:48:49 UTC
From: Dale Putnam
Topic: 2355 Message: 2356

If you can tune to a signal with the up-down buttons, or put a signal into the rx... then turn the bfo cap through its range. Tune through the range again, and stop halfway through. Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: felipebarco@...
Date: Tue, 17 May 2011 15:32:38 -0300
Subject: [pfr3_group] Trimmer Settings

Hello...

Here I come again, to ask for some help (there will be a day when I'll be able to help someone).

The manual tells me to turn the BFO Trimmer 1/4 turn from the factory setting... Well, I fussed with the trimmer, and can't get it back to the factory settings... If someone could, please, give me the position to the trimmer, I'd be much thankful.

Thank you in advance.

Kind regards.

Felipe

2357. Re: PFR3 builder

Yahoo group: pfr3_group
Date: 2011-05-18 08:10:12 UTC
From: Mark
Topic: 1012 Message: 2357

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Actually, there is someone that builds PFR3 rigs. Optimizes and documents the specs, and when done ships them to the owner, well packed. He is happy to help those that can't build for whatever reason. The cost is the actual cost of shipping, to and from.
>
> No he hasn't advertised, and he isn't flash fast either.. just very good at what he does, and that is to provide the step that some have difficulty with.
>
> --... ..---
>
> Dale - WC7S in Wy
>
>
>
> _____
> Hotmail® is up to 70% faster. Now good news travels really fast.
> http://windowslive.com/online/hotmail?ocid=PID23391::T:WLMTAGL:ON:WL:en-US:WM_HYGN_faster:082009
>
I bought this kit last year made it past the receiver section, works.
I got to busy at work to finish so I am in need of a builder to finish this kit for me.
Thanks
Ki6uxu
Mark
mark.patton67@...

2358. Adjusting tuner by Received Noise Level?

Yahoo group: pfr3_group
Date: 2011-05-18 13:29:43 UTC
From: James
Topic: 2358 Message: 2358

Does anyone just peak the received noise level and select "HI-LO" based on if antenna is < or > 1/4 wave and not worry about looking for LED dimming?

How risky would this be? Let's assume a reasonable dipole or vertical wire and counterpoise are attached to the terminals.

K5ACO

2359. Re: [pfr3_group] Adjusting tuner by Received Noise Level?

Yahoo group: pfr3_group
Date: 2011-05-18 15:57:06 UTC
From: Steve Smith
Topic: 2358 Message: 2359

Probably not too 'risky' although, if the mismatch is very bad and you are in the "Operate" switch position, there is a possibility that the output transistors could be damaged.

The probability is that you won't be operating with the best efficiency, i.e. you might not get out very well.

Bottom line is: Use the LED for best match indication. If you are visually impaired and can't see the LED then some voltage-to-tone indicator might be best.

73.......Steve Smith WB6TNL

2360. PFR builder needed

Yahoo group: pfr3_group
Date: 2011-05-18 16:49:52 UTC
From: Mark
Topic: 2360 Message: 2360

I bought this kit last year made it past the receiver section, that works.
I got too busy at work to finish so I am in need of a builder that can finish this kit for me. Will pay of coarse.
Thanks
Ki6uxu
Mark
markpatton67@verizon.net

2361. Re: [pfr3_group] Adjusting tuner by Received Noise Level?

Yahoo group: pfr3_group
Date: 2011-05-18 17:47:50 UTC
From: OllySteed@aol.com
Topic: 2358 Message: 2361

What I do is put the rig in receive mode then peak for MAX noise.
Tune SLOW.
Then put the rig in the TUNE position.
Again tune slow.
I find when I tune like this that I never have to turn the knobs more then say the thickness of a dime.
They are touchy but you get used to it.
I use an end fed wire and it tunes that very well but remember to flip the switch toward the *RED* binding post.
A short random wire about 5-8 feet clopped on to the ground of the coax connecter seems to make tuning the random wire a bit easier.
Bottom line is if the light is not out then SWR is up.
Even a very dim LED is better then a bright one no matter how resonate the antenna is because you need to match the rig to the antenna to the rig.
Remember also you should be able to check the SWR with a small meter in line with the COAX type antenna.
The random wire you need to depend on the LED.
I hope this was of some help.
BOB
AF2Q

In a message dated 5/18/2011 12:33:57 P.M. Mid-Atlantic Daylight Tim, jecford@... writes:

Does anyone just peak the received noise level and select "HI-LO" based on if antenna is < or > 1/4 wave and not worry about looking for LED dimming?

How risky would this be? Let's assume a reasonable dipole or vertical wire and counterpoise are attached to the terminals.

K5ACO

2362. Re: [pfr3_group] Trimmer Settings

Yahoo group: pfr3_group
Date: 2011-05-18 20:05:14 UTC
From: Felipe Barco
Topic: 2355 Message: 2362

Thank you very much!

I don't know if I got it, though.

My problem is with the BFO Trimmer (C16), and not the BFO Cap (C 1/2).

As far as I understood, and I'm very sorry if I got it wrong, the instructions you gave me are for the BFO Capacitor.

The manual says to turn the Trimmer (C16 - Green, small, varicap) 1/4 turn from the factory setting. I lost the factory setting.

Since I can change it from minimum capacitance to maximum, I wonder in which position I have to adjust it.

I guess if it's wrong adjusted, I won't be able to adjust the BFO Cap (C 1/2) correctly.

Thank you

Felipe
PU2OVA

On Tue, May 17, 2011 at 10:48 PM, Dale Putnam <daleputnam@...>wrote:

>
>
> If you can tune to a signal with the up-down buttons, or put a signal into
> the rx... then turn the bfo cap through its range. Tune through the range
> again, and stop halfway through.
> Have a great day,
>
> --... ...-- Dale - WC7S in Wy
>
>
>
> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: felipebarco@...
> Date: Tue, 17 May 2011 15:32:38 -0300
> Subject: [pfr3_group] Trimmer Settings
>
>
>
> Hello...
>
> Here I come again, to ask for some help (there will be a day when I'll be

> able to help someone).
>
> The manual tells me to turn the BFO Trimmer 1/4 turn from the factory
> setting... Well, I fussed with the trimmer, and can't get it back to the
> factory settings... If someone could, please, give me the position to the
> trimmer, I'd be much thankful.
>
> Thank you in advance.
>
> Kind regards.
>
> Felipe
>
>
>
>

2363. Re: [pfr3_group] Trimmer Settings

Yahoo group: pfr3_group
Date: 2011-05-18 20:10:16 UTC
From: OllySteed@aol.com
Topic: 2355 Message: 2363

Felipe,
Turning the trimmer clock wise until it stops will give you the MAX.
I also found this to be true on other QRP rigs also.
BOB
AF2Q

In a message dated 5/18/2011 7:05:47 P.M. Mid-Atlantic Daylight Time,
felipebarco@... writes:

Since I can change it from minimum capacitance to maximum, I wonder in
which position I have to adjust it.

I guess if it's wrong adjusted, I won't be able to adjust the BFO Cap (C
1/2) correctly.

Thank you

Felipe
PU2OVA

2364. RE: [pfr3_group] Trimmer Settings

Yahoo group: pfr3_group
Date: 2011-05-18 20:31:32 UTC
From: Dale Putnam
Topic: 2355 Message: 2364

Hi Felipe,
If you set it "wrong" then you may not be close enough to answer the other stations cq. And it may affect the over all rx sensitivity.
If you set the little green cap to where the tiny arrow is in line with the edge of the board, that would be a good place to start.
I usually run through the rx alignment 3, maybe 4 times, so I can insure that the rx sidetone matches the tx signal.. the tx signal is then
within the filter of the answered station.
IF this doesn't make sense, please contact me direct, and we will work through it, if you want to.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: felipebarco@...
Date: Wed, 18 May 2011 17:05:14 -0300
Subject: Re: [pfr3_group] Trimmer Settings

Thank you very much!

I don't know if I got it, though.

My problem is with the BFO Trimmer (C16), and not the BFO Cap (C 1/2).

As far as I understood, and I'm very sorry if I got it wrong, the instructions you gave me are for the BFO Capacitor.

The manual says to turn the Trimmer (C16 - Green, small, varicap) 1/4 turn from the factory setting. I lost the factory setting.

Since I can change it from minimum capacitance to maximum, I wonder in which position I have to adjust it.

I guess if it's wrong adjusted, I won't be able to adjust the BFO Cap (C 1/2) correctly.

Thank you

Felipe
PU2OVA

On Tue, May 17, 2011 at 10:48 PM, Dale Putnam <daleputnam@...> wrote:

If you can tune to a signal with the up-down buttons, or put a signal into the rx... then turn the bfo cap through its range. Tune through the range again, and stop halfway through.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: felipebarco@...
Date: Tue, 17 May 2011 15:32:38 -0300
Subject: [pfr3_group] Trimmer Settings

Hello...

Here I come again, to ask for some help (there will be a day when I'll be able to help someone).

The manual tells me to turn the BFO Trimmer 1/4 turn from the factory setting... Well, I fussed with the trimmer, and can't get it back to the factory settings... If someone could, please, give me the position to the trimmer, I'd be much thankful.

Thank you in advance.

Kind regards.

Felipe

2365. Re: [pfr3_group] Trimmer Settings

Yahoo group: pfr3_group
Date: 2011-05-18 20:33:23 UTC
From: Felipe Barco
Topic: 2355 Message: 2365

Dale and Olly,

Thank you so much. Now, it all make sense!!

Kind regards

Felipe

On Wed, May 18, 2011 at 5:31 PM, Dale Putnam <daleputnam@...m> wrote:

>
>
> Hi Felipe,
> If you set it "wrong" then you may not be close enough to answer the
> other stations cq. And it may affect the over all rx sensitivity.
> If you set the little green cap to where the tiny arrow is in line with
> the edge of the board, that would be a good place to start.
> I usually run through the rx alignment 3, maybe 4 times, so I can insure
> that the rx sidetone matches the tx signal.. the tx signal is then
> within the filter of the answered station.
> IF this doesn't make sense, please contact me direct, and we will work
> through it, if you want to.
>
>
> --... ...-- Dale - WC7S in Wy
>
>
>
> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: felipebarco@...
> Date: Wed, 18 May 2011 17:05:14 -0300
> Subject: Re: [pfr3_group] Trimmer Settings
>
>
>
> Thank you very much!
>
> I don't know if I got it, though.
>
> My problem is with the BFO Trimmer (C16), and not the BFO Cap (C 1/2).
>
> As far as I understood, and I'm very sorry if I got it wrong, the
> instructions you gave me are for the BFO Capacitor.
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> The manual says to turn the Trimmer (C16 - Green, small, varicap) 1/4 turn

> from the factory setting. I lost the factory setting.
>
> Since I can change it from minimum capacitance to maximum, I wonder in
> which position I have to adjust it.
>
> I guess if it's wrong adjusted, I won't be able to adjust the BFO Cap (C
> 1/2) correctly.
>
> Thank you
>
> Felipe
> PU2OVA
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> On Tue, May 17, 2011 at 10:48 PM, Dale Putnam <daleputnam@...>wrote:
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> If you can tune to a signal with the up-down buttons, or put a signal into
> the rx... then turn the bfo cap through its range. Tune through the range
> again, and stop halfway through.
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> To: pfr3_group@yahoogroups.com
> From: felipebarco@...
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>
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> Hello...
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> Here I come again, to ask for some help (there will be a day when I'll be
> able to help someone).
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> The manual tells me to turn the BFO Trimmer 1/4 turn from the factory
> setting... Well, I fussed with the trimmer, and can't get it back to the
> factory settings... If someone could, please, give me the position to the
> trimmer, I'd be much thankful.
>
> Thank you in advance.
>
> Kind regards.
>

> Felipe
>
>
>
>
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>
>
>
>

2366. PFR3A paddle review

Yahoo group: pfr3_group
Date: 2011-05-19 18:59:43 UTC
From: Ren
Topic: 2366 Message: 2366

Hi guys,
I received my first review on the paddles I sent to Dale (WC7S) in Wyoming, and I post it here:

I received my paddle from Ren in a very short delivery time, packed securely, and upon receipt, I did away with the packing on the way to the ham shack. No one noticed.. did they? Well.. not if they were in the next county... everyone else should have...
I quickly set up the PFR3, and plugged in the key.......
oh oh.... hmmmmmmm now what the.... well.. ok.. this is a test model.. and a testing we shall go...
a quick phone call discussion with Ren, and the issue was corrected, and will be on future keys too.
So.. up on twenty... yep, it's open... and a couple of "test"... adjust... "test"... yep.. off we go..
Yes, adjusting the key is just that simple. And correcting issues is a breeze too. But it is one TUFF key.
With the paddles folded down.. it will withstand substantial untoward bumps and bruises with out
failing. It adjusts to easily handle my cw... and will work fantastic with gloves, and without. I don't like holding my key hand up to the campfire to keep it warm, while the other fellow is sending. So having gloves on, and keeping my hand on the key is nice.
It adjusts easily to that situation. Then without a whimper, it moves easily to a warm summer night, with a light touch and warm hands after a hot day, to running along a nice comfortable speed too.
No muss, no fuss, just a solid key, built to use. Emphasize USE!

--... ...-- Dale - WC7S in Wy.

I'd appreciate hearing from the other folks who have used their paddles, hope they met your expectations.

Thank you all,
Ren

2367. Re: [pfr3_group] PFR3A paddle review

Yahoo group: pfr3_group
Date: 2011-05-19 21:20:47 UTC
From: ckwishmeier@cs.com
Topic: 2366 Message: 2367

Ren and Dale,

I am getting used to it but I would like a lighter touch for my 25 wpm speed. It worked first time and I worked K6JSS/8 at FDM in Dayton last night. Is there a way to lighten up the amount of pressure required? Thanks.

Keith
WA9S

-----Original Message-----
From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 19, 2011 2:59 pm
Subject: [pfr3_group] PFR3A paddle review

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--... ...-- Dale - WC7S in Wy.

I'd appreciate hearing from the other folks who have used their paddles, hope they met your expectations.

Thank you all,
Ren

2368. RE: [pfr3_group] PFR3A paddle review

Yahoo group: pfr3_group
Date: 2011-05-19 21:59:27 UTC
From: N. A. Monllor
Topic: 2366 Message: 2368

Just Squeeze the wires that support the paddle arms, a little bit closer to the Bulldog clip.

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ckwishmeier@...
Sent: Thursday, May 19, 2011 5:21 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3A paddle review

Ren and Dale,

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Keith

WA9S

-----Original Message-----
From: Ren <nmonllor@tampabay.rr.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 19, 2011 2:59 pm
Subject: [pfr3_group] PFR3A paddle review

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--... ...-- Dale - WC7S in Wy.

I'd appreciate hearing from the other folks who have used their paddles, hope they met your expectations.

Thank you all,
Ren

2369. RE: [pfr3_group] PFR3A paddle review

Yahoo group: pfr3_group
Date: 2011-05-19 22:29:47 UTC
From: Dale Putnam
Topic: 2366 Message: 2369

Hi,
The stiff wire supporting each paddle can be squeezed closer to the center of the key, thus lightening the touch. That is exactly the coolest thing, because I can make an adjustment with almost anything.. a pocket knife, or horse pick, with or without gloves on.. and it never fails... once set... no screws to come loose. Pretty cool, right?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Thu, 19 May 2011 17:59:27 -0400
Subject: RE: [pfr3_group] PFR3A paddle review

Just Squeeze the wires that support the paddle arms, a little bit closer to the Bulldog clip.
Ren

N.A. (Ren) Monllor
KG4BAS
QRP ARCI # 14308
http://www.qrparci.org/
NAQCC #4880
http://naqcc.info/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ckwishmeier@...
Sent: Thursday, May 19, 2011 5:21 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3A paddle review

Ren and Dale,

I am getting used to it but I would like a lighter touch for my 25 wpm speed. It worked first time and I worked K6JSS/8 at FDM in Dayton last night. Is there a way to lighten up the amount of pressure required? Thanks.

Keith

WA9S

-----Original Message-----
From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 19, 2011 2:59 pm
Subject: [pfr3_group] PFR3A paddle review

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--... ...-- Dale - WC7S in Wy.

I'd appreciate hearing from the other folks who have used their paddles, hope they met your expectations.

Thank you all,
Ren

2370. Re: [pfr3_group] PFR3A paddle review

Yahoo group: pfr3_group
Date: 2011-05-20 03:57:24 UTC
From: ckwishmeier@cs.com
Topic: 2366 Message: 2370

Thanks Ren and Dale. I'll be visiting the Hendrick's table Friday and Saturday at Dayton.

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 19, 2011 6:29 pm
Subject: RE: [pfr3_group] PFR3A paddle review

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--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@....com
Date: Thu, 19 May 2011 17:59:27 -0400
Subject: RE: [pfr3_group] PFR3A paddle review

Just Squeeze the wires that support the paddle arms, a little bit closer to the Bulldog clip.

Ren

N.A. (Ren) Monllor
KG4BAS
QRP ARCI # 14308
http://www.qrparci.org/
NAQCC #4880
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From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ckwishmeier@...
Sent: Thursday, May 19, 2011 5:21 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3A paddle review

Ren and Dale,

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Keith

WA9S

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From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 19, 2011 2:59 pm
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--... ...-- Dale - WC7S in Wy.

I'd appreciate hearing from the other folks who have used their paddles, hope they met your expectations.

Thank you all,
Ren

2371. RE: [pfr3_group] PFR3A paddle review

Yahoo group: pfr3_group
Date: 2011-05-20 04:00:05 UTC
From: Dale Putnam
Topic: 2366 Message: 2371

Hi Keith,
Have fun at Dayton... and pick up a PFR3.. they are great radios.. can't lose 'em in the brush either... and they simply work.
very nicely too.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Thu, 19 May 2011 23:57:24 -0400
Subject: Re: [pfr3_group] PFR3A paddle review

Thanks Ren and Dale. I'll be visiting the Hendrick's table Friday and Saturday at Dayton.

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 19, 2011 6:29 pm
Subject: RE: [pfr3_group] PFR3A paddle review

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--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Thu, 19 May 2011 17:59:27 -0400
Subject: RE: [pfr3_group] PFR3A paddle review

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Ren

N.A. (Ren) Monllor
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From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ckwishmeier@...
Sent: Thursday, May 19, 2011 5:21 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3A paddle review

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WA9S

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From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 19, 2011 2:59 pm
Subject: [pfr3_group] PFR3A paddle review

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I'd appreciate hearing from the other folks who have used their paddles, hope they met your expectations.

Thank you all,
Ren

2372. Re: [pfr3_group] PFR3A paddle review

Yahoo group: pfr3_group
Date: 2011-05-20 10:50:11 UTC
From: ckwishmeier@cs.com
Topic: 2366 Message: 2372

Dale,

I bought my PFR-3A last year at Dayton, built it quickly and have been having a grand time using it with our local Adventure radio Group. My FT-817 may just end up bolted into my Jeep Wrangler as permanent mobile. I have Ren's paddle and the original paddle offered by Hendricks. This year I may bite the bullet and get a Buddipole.

Keith
WA0S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, May 20, 2011 12:00 am
Subject: RE: [pfr3_group] PFR3A paddle review

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To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Thu, 19 May 2011 23:57:24 -0400
Subject: Re: [pfr3_group] PFR3A paddle review

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-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 19, 2011 6:29 pm
Subject: RE: [pfr3_group] PFR3A paddle review

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To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Thu, 19 May 2011 17:59:27 -0400
Subject: RE: [pfr3_group] PFR3A paddle review

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From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ckwishmeier@...
Sent: Thursday, May 19, 2011 5:21 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3A paddle review

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From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 19, 2011 2:59 pm
Subject: [pfr3_group] PFR3A paddle review

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No muss, no fuss, just a solid key, built to use. Emphasize USE!

--... ...-- Dale - WC7S in Wy.

I'd appreciate hearing from the other folks who have used their paddles, hope they met your expectations.

Thank you all,
Ren

2373. RE: [pfr3_group] PFR3A paddle review

Yahoo group: pfr3_group
Date: 2011-05-20 11:46:17 UTC
From: Dale Putnam
Topic: 2366 Message: 2373

That's great Keith, way to go. I like your mobile idea too. Might be good to check the Buddipole prices at Dayton too.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Fri, 20 May 2011 06:50:11 -0400
Subject: Re: [pfr3_group] PFR3A paddle review

Dale,

I bought my PFR-3A last year at Dayton, built it quickly and have been having a grand time using it with our local Adventure radio Group. My FT-817 may just end up bolted into my Jeep Wrangler as permanent mobile. I have Ren's paddle and the original paddle offered by Hendricks. This year I may bite the bullet and get a Buddipole.

Keith
WA0S

-----Original Message-----
From: Dale Putnam <daleputnam@hotmail.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, May 20, 2011 12:00 am
Subject: RE: [pfr3_group] PFR3A paddle review

Hi Keith,
Have fun at Dayton... and pick up a PFR3.. they are great radios.. can't lose 'em in the brush either... and they simply work.
very nicely too.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Thu, 19 May 2011 23:57:24 -0400
Subject: Re: [pfr3_group] PFR3A paddle review

Thanks Ren and Dale. I'll be visiting the Hendrick's table Friday and Saturday at Dayton.

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...m>
To: pfr3_group <pfr3_group@yahoogroups.com>

Sent: Thu, May 19, 2011 6:29 pm
Subject: RE: [pfr3_group] PFR3A paddle review

Hi,
The stiff wire supporting each paddle can be squeezed closer to the center of the key, thus lightening the touch. That is exactly the coolest thing, because I can make an adjustment with almost anything.. a pocket knife, or horse pick, with or without gloves on.. and it never fails... once set... no screws to come loose. Pretty cool, right?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Thu, 19 May 2011 17:59:27 -0400
Subject: RE: [pfr3_group] PFR3A paddle review

Just Squeeze the wires that support the paddle arms, a little bit closer to the Bulldog clip.

Ren

N.A. (Ren) Monllor
KG4BAS
QRP ARCI # 14308
http://www.qrparci.org/
NAQCC #4880
http://naqcc.info/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ckwishmeier@cs.com
Sent: Thursday, May 19, 2011 5:21 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3A paddle review

Ren and Dale,

I am getting used to it but I would like a lighter touch for my 25 wpm speed. It worked first time and I worked K6JSS/8 at FDM in Dayton last night. Is there a way to lighten up the amount of pressure required? Thanks.

Keith

WA9S

-----Original Message-----
From: Ren <nmonllor@....com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 19, 2011 2:59 pm
Subject: [pfr3_group] PFR3A paddle review

Hi guys,
I received my first review on the paddles I sent to Dale (WC7S) in Wyoming, and I post it here:

I received my paddle from Ren in a very short delivery time, packed securely, and upon receipt, I did away with the packing on the way to the ham shack. No one noticed.. did they? Well.. not if they were in the next county... everyone else should have...
I quickly set up the PFR3, and plugged in the key.....
oh oh.... hmmmmmmm now what the.... well.. ok.. this is a test model.. and a testing we shall go...
a quick phone call discussion with Ren, and the issue was corrected, and will be on future keys too.
So.. up on twenty... yep, it's open... and a couple of "test"... adjust... "test"... yep.. off we go..
Yes, adjusting the key is just that simple. And correcting issues is a breeze too. But it is one TUFF key.
With the paddles folded down.. it will withstand substantial u ntoward bumps and bruises with out
failing. It adjusts to easily handle my cw... and will work fantastic with gloves, and without. I don't like holding my key hand up to the campfire to keep it warm, while the other fellow is sending. So having gloves on, and keeping my hand on the key is nice.
It adjusts easily to that situation. Then without a whimper, it moves easily to a warm summer night, with a light touch and warm hands after a hot day, to running along a nice comfortable speed too.
No muss, no fuss, just a solid key, built to use. Emphasize USE!

--... ...-- Dale - WC7S in Wy.

I'd appreciate hearing from the other folks who have used their paddles, hope they met your expectations.

Thank you all,
Ren

2374. Re: [pfr3_group] Adjusting tuner by Received Noise Level?

Yahoo group: pfr3_group
Date: 2011-05-20 12:15:28 UTC
From: lahagar1@aol.com
Topic: 2358 Message: 2374

K5ACO DE NG9D - hi Jim!

In my opinion, there would be no reason to not tune the system. It is so easy, and results in best signal. Here is an 11 second look at the tuner with a 160 ft end fed wire antenna:

http://www.youtube.com/watch?v=GqdibNBxyBc

Built-in Antenna Tuner - Minimum SWR is indicated by dimming of LED. Tuning involves setting antenna switch on back to "balanced line", selecting "High Z" for high input impedance (i.e. voltage fed) or "Low Z" for low impedance (current fed) input, and then adjusting two variable capacitors for resonance. Video shows how LED dims when feed line is matched. In this demonstration, 160 foot end fed wire is matched without feed line or counterpoise on 20 meters.

The length of that antenna 48.8 meters was 2.28 times the 21.35 meter wavelength at 14.052 meters. I expected that wire would tune better in Low Z but found the opposite. A little experimenting is sometimes needed depending on the wire lengths and nearby objects.

Oh... and don't forget to re-set switch from "tune" to "operate" ... if you are forgetful like me! More than once, I finished a QSO and discovered I was operating in tune -- as a QRPp station! --yet another "senior moment"!!

Here are five more antennas:

34 foot end fed: http://www.youtube.com/watch?v=3kWvXJ_5XgE&feature=related
50 foot doublet and home made twin wire feeder:
http://www.youtube.com/watch?v=qaUN9m2u1pQ&feature=related
300 foot loop: http://www.youtube.com/watch?v=hUJiK9eQ0K0
150 foot doublet: http://www.youtube.com/watch?v=b6csjsbm7vE

Finally, for those of you who like kit building and portable CW, you will have an absolute blast if you build this rig! This is a very enjoyable kit building experience. Assembly is straightforward, and any adjustments are simple without need for expensive test gear. The wide-range manual tuner and internal power with 8AA rechargeable Ni-M-H (2500 mA-hr) batteries make it easy to transport, set up and use. Have fun!

73,
Lynn
NG9D

-----Original Message-----
From: OllySteed@...
To: pfr3_group@yahoogroups.com
Cc: jecford@...
Sent: Wed, May 18, 2011 12:47 pm
Subject: Re: [pfr3_group] Adjusting tuner by Received Noise Level?

What I do is put the rig in receive mode then peak for MAX noise.
Tune SLOW.
Then put the rig in the TUNE position.
Again tune slow.
I find when I tune like this that I never have to turn the knobs more then say the thickness of a dime.
They are touchy but you get used to it.
I use an end fed wire and it tunes that very well but remember to flip the switch toward the *RED* binding post.
A short random wire about 5-8 feet clopped on to the ground of the coax connecter seems to make tuning the random wire a bit easier.
Bottom line is if the light is not out then SWR is up.
Even a very dim LED is better then a bright one no matter how resonate the antenna is because you need to match the rig to the antenna to the rig.
Remember also you should be able to check the SWR with a small meter in line with the COAX type antenna.
The random wire you need to depend on the LED.
I hope this was of some help.
BOB
AF2Q

In a message dated 5/18/2011 12:33:57 P.M. Mid-Atlantic Daylight Tim, jecford@suddenlink.net writes:
Does anyone just peak the received noise level and select "HI-LO" based on if antenna is < or > 1/4 wave and not worry about looking for LED dimming?

How risky would this be? Let's assume a reasonable dipole or vertical wire and counterpoise are attached to the terminals.

K5ACO

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2375. Re: [pfr3_group] Adjusting tuner by Received Noise Level?

Yahoo group: pfr3_group
Date: 2011-05-20 14:57:56 UTC
From: daleputnam@hotmail.com
Topic: 2358 Message: 2375

Very nicely done!! Very good!
Have a great day,
Dale - WC7S

-----Original Message-----
From: lahagar1@aol.com
Sender: pfr3_group@yahoogroups.com
Date: Fri, 20 May 2011 08:15:28
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Cc: <jecford@suddenlink.net>
Subject: Re: [pfr3_group] Adjusting tuner by Received Noise Level?

K5ACO DE NG9D - hi Jim!

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The length of that antenna 48.8 meters was 2.28 times the 21.35 meter wavelength at 14.052 meters. I expected that wire would tune better in Low Z but found the opposite. A little experimenting is sometimes needed depending on the wire lengths and nearby objects.

Oh... and don't forget to re-set switch from "tune" to "operate" ... if you are forgetful like me! More than once, I finished a QSO and discovered I was operating in tune -- as a QRPp station! --yet another "senior moment"!!

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Finally, for those of you who like kit building and portable CW, you will have an absolute blast if you build this rig! This is a very enjoyable kit building experience. Assembly is straightforward, and any adjustments are simple without need for expensive test gear. The wide-range manual tuner and internal power with 8AA rechargeable Ni-M-H (2500 mA-hr)

batteries make it easy to transport, set up and use. Have fun!

73,
Lynn
NG9D

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From: OllySteed@aol.com
To: pfr3_group@yahoogroups.com
Cc: jecford@suddenlink.net
Sent: Wed, May 18, 2011 12:47 pm
Subject: Re: [pfr3_group] Adjusting tuner by Received Noise Level?

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2376. Re: [pfr3_group] Adjusting tuner by Received Noise Level?

Yahoo group: pfr3_group
Date: 2011-05-20 15:52:23 UTC
From: lahagar1@aol.com
Topic: 2358 Message: 2376

Thanks Dale. I re-read what I wrote during this morning's coffee and noticed a few mistakes. Anyway here is one correction:

The length of that antenna, 48.8 meters, was 2.28 times the 21.35 meter wavelength at 14.052 MHz.

73 / 72
Lynn
NG9D

-----Original Message-----
From: daleputnam@...m
To: pfr3_group@yahoogroups.com
Sent: Fri, May 20, 2011 9:57 am
Subject: Re: [pfr3_group] Adjusting tuner by Received Noise Level?

Very nicely done!! Very good!
Have a great day,
Dale - WC7S
From: lahagar1@...
Sender: pfr3_group@yahoogroups.com
Date: Fri, 20 May 2011 08:15:28 -0400
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Cc: <jecford@...>
Subject: Re: [pfr3_group] Adjusting tuner by Received Noise Level?

K5ACO DE NG9D - hi Jim!

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From: OllySteed@...
To: pfr3_group@yahoogroups.com
Cc: jecford@...
Sent: Wed, May 18, 2011 12:47 pm
Subject: Re: [pfr3_group] Adjusting tuner by Received Noise Level?

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2377. RE: [pfr3_group] Adjusting tuner by Received Noise Level?

Yahoo group: pfr3_group
Date: 2011-05-20 16:22:59 UTC
From: Dale Putnam
Topic: 2358 Message: 2377

You're very welcome Lynn, the reread always shows up something.. but you know what? Reading it after three cups of coffee,
just doesn't seem quite fair... does it? *grin* You explained it very well.
Have a great day, and a good, safe Memorial Day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: lahagar1@...
Date: Fri, 20 May 2011 11:52:23 -0400
Subject: Re: [pfr3_group] Adjusting tuner by Received Noise Level?

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2378. Re: [pfr3_group] PFR3A paddle review

Yahoo group: pfr3_group
Date: 2011-05-21 00:44:38 UTC
From: ckwishmeier@cs.com
Topic: 2366 Message: 2378

Dale,

Same price $399

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, May 20, 2011 7:48 am
Subject: RE: [pfr3_group] PFR3A paddle review

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Subject: Re: [pfr3_group] PFR3A paddle review

Dale,

I bought my PFR-3A last year at Dayton, built it quickly and have been having a grand time using it with our local Adventure radio Group. My FT-817 may just end up bolted into my Jeep Wrangler as permanent mobile. I have Ren's paddle and the original paddle offered by Hendricks. This year I may bite the bullet and get a Buddipole.

Keith
WA0S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, May 20, 2011 12:00 am
Subject: RE: [pfr3_group] PFR3A paddle review

Hi Keith,
Have fun at Dayton... and pick up a PFR3.. they are great radios.. can't lose 'em in the brush either... and they simply work.
very nicely too.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Thu, 19 May 2011 23:57:24 -0400

Subject: Re: [pfr3_group] PFR3A paddle review

Thanks Ren and Dale. I'll be visiting the Hendrick's table Friday and Saturday at Dayton.

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 19, 2011 6:29 pm
Subject: RE: [pfr3_group] PFR3A paddle review

Hi,
The stiff wire supporting each paddle can be squeezed closer to the center of the key, thus lightening the touch. That is exactly the coolest thing, because I can make an adjustment with almost anything.. a pocket knife, or horse pick, with or without gloves on.. and it never fails... once set... no screws to come loose. Pretty cool, right?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Thu, 19 May 2011 17:59:27 -0400
Subject: RE: [pfr3_group] PFR3A paddle review

Just Squeeze the wires that support the paddle arms, a little bit closer to the Bulldog clip.

Ren

N.A. (Ren) Monllor
KG4BAS
QRP ARCI # 14308
http://www.qrparci.org/
NAQCC #4880
http://naqcc.info/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of ckwishmeier@...
Sent: Thursday, May 19, 2011 5:21 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3A paddle review

Ren and Dale,

I am getting used to it but I would like a lighter touch for my 25 wpm speed. It worked first time and I worked K6JSS/8 at FDM in Dayton last night. Is there a way to lighten up the amount of pressure required? Thanks.

Keith

WA9S

-----Original Message-----
From: Ren <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 19, 2011 2:59 pm
Subject: [pfr3_group] PFR3A paddle review

Hi guys,
I received my first review on the paddles I sent to Dale (WC7S) in Wyoming, and I post it here:

I received my paddle from Ren in a very short delivery time, packed securely, and upon receipt, I did away with the packing on the way to the ham shack. No one noticed.. did they? Well.. not if they were in the next county... everyone else should have...
I quickly set up the PFR3, and plugged in the key.....
oh oh.... hmmmmmmm now what the.... well.. ok.. this is a test model.. and a testing we shall go...
a quick phone call discussion with Ren, and the issue was corrected, and will be on future keys too.
So.. up on twenty... yep, it's open... and a couple of "test"... adjust... "test"... yep.. off we go..
Yes, adjusting the key is just that simple. And correcting issues is a breeze too. But it is one TUFF key.
With the paddles folded down.. it will withstand substantial u ntoward bumps and bruises with out
failing. It adjusts to easily handle my cw... and will work fantastic with gloves, and without. I don't like holding my key hand up to the campfire to keep it warm, while the other fellow is sending. So having gloves on, and keeping my hand on the key is nice.
It adjusts easily to that situation. Then without a whimper, it moves easily to a warm summer night, with a light touch and warm hands after a hot day, to running along a nice comfortable speed too.
No muss, no fuss, just a solid key, built to use. Emphasize USE!

--... ...-- Dale - WC7S in Wy.

I'd appreciate hearing from the other folks who have used their paddles, hope they met your expectations.

Thank you all,
Ren

2379. Re: [pfr3_group] PFR3A paddle review

Yahoo group: pfr3_group
Date: 2011-05-21 00:47:31 UTC
From: ckwishmeier@cs.com
Topic: 2366 Message: 2379

Dale,

Same price $399 but they are shipping it to me for $15 and no sales tax which is 7% in Ohio. Steve Weber has come out with an antenna dipper kit for $75 for tuning antennas. Should be great for adjusting the Buddipole. I hate to spend the $399 but the PFR-3A is worth it.

Keith

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, May 20, 2011 7:48 am
Subject: RE: [pfr3_group] PFR3A paddle review

That's great Keith, way to go. I like your mobile idea too. Might be good to check the Buddipole prices at Dayton too.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Fri, 20 May 2011 06:50:11 -0400
Subject: Re: [pfr3_group] PFR3A paddle review

Dale,

I bought my PFR-3A last year at Dayton, built it quickly and have been having a grand time using it with our local Adventure radio Group. My FT-817 may just end up bolted into my Jeep Wrangler as permanent mobile. I have Ren's paddle and the original paddle offered by Hendricks. This year I may bite the bullet and get a Buddipole.

Keith
WA0S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, May 20, 2011 12:00 am
Subject: RE: [pfr3_group] PFR3A paddle review

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very nicely too.
Have a great day,

--... ...-- Dale - WC7S in Wy

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From: ckwishmeier@...
Date: Thu, 19 May 2011 23:57:24 -0400
Subject: Re: [pfr3_group] PFR3A paddle review

Thanks Ren and Dale. I'll be visiting the Hendrick's table Friday and Saturday at Dayton.

Keith
WA9S

-----Original Message-----
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To: pfr3_group <pfr3_group@...m>
Sent: Thu, May 19, 2011 6:29 pm
Subject: RE: [pfr3_group] PFR3A paddle review

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--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@tampabay.rr.com
Date: Thu, 19 May 2011 17:59:27 -0400
Subject: RE: [pfr3_group] PFR3A paddle review

Just Squeeze the wires that support the paddle arms, a little bit closer to the Bulldog clip.

Ren

N.A. (Ren) Monllor
KG4BAS
QRP ARCI # 14308
http://www.qrparci.org/
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Sent: Thursday, May 19, 2011 5:21 PM
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Subject: Re: [pfr3_group] PFR3A paddle review

Ren and Dale,

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oh oh.... hmmmmmm now what the.... well.. ok.. this is a test model.. and a testing we shall go...
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It adjusts easily to that situation. Then without a whimper, it moves easily to a warm summer night, with a light touch and warm hands after a hot day, to running along a nice comfortable speed too.
No muss, no fuss, just a solid key, built to use. Emphasize USE!

--... ...-- Dale - WC7S in Wy.

I'd appreciate hearing from the other folks who have used their paddles, hope they met your expectations.

Thank you all,
Ren

2380. Last (I Hope!) Help with my PFR-3

Yahoo group: pfr3_group
Date: 2011-05-29 19:46:13 UTC
From: Felipe Barco
Topic: 2380 Message: 2380

Hello, friends!

Well, I managed to take building the PFR-3 to the end! =) Yey!

But, I need some info, if you please could help!

1. By the time I was in Part 2, I didn't have access to an antenna for moving reasons. So, I couldn't do all the calibration process. The question is: If I try to do it with the PFR-3 complete, when in calibration mode, will the TX put out any power? I'm afraid my antenna is not tuned and something could be damaged.

2. One last thing to complete the building: T3. As the wires were missing, I bought them myself. The wire used to Wind T3 is regular #24 or magnet Wire? I have both, but want to go on the correct one!

Thank you very much!

Regards

Felipe
PU2OVA

2381. RE: [pfr3_group] Last (I Hope!) Help with my PFR-3

Yahoo group: pfr3_group
Date: 2011-05-29 20:06:40 UTC
From: Dale Putnam
Topic: 2380 Message: 2381

Congratulations Felipe,
On a successful build.. well it will be in just a little bit.. right?
In calibration mode, it will put out power if you tx.. if something isn't right, like you key the tx.. so.. don't do that. My reason for not... is that I am likely to key into a rx.... or a counter. Not good. So... for the outside stuff, I will try very much not to key the tx. Now for the mismatched antenna issue, that is why I always use a 9v battery for power during the calibration, and initial tuneup phases... even when I am portable, I will use a 9 v battery many times... and continue with it for the Q.... no it won't last a very long time.. but it works just fine for many a Q.
Another addition that I have on mine is a power tune up switch.. that adds a 5 ohm resistor in series with the battery feed... so the radio can't push too much power, in tuneup.
Yes, it is over cautiousness.. but then.. I don't have to have a lotta power to see the led, and tune the tuner anyway.
And.. the batteries like me for it. So do the finals.
As for the T3 wire.. as long as it is insulated with enamal and you are careful to insure proper soldering, you can use about any of the correct sized wire you want. If you use enamaled wire be very careful NOT to nick the wire while scraping it clean to solder it. ANY nick will prove to be the point of failure, at the most inappropriate time... miles away from a soldering iron, and with only the one antenna that has to have a tuner... not good, after a day of hauling it along... only to find it not useable.. because a nice nick failed.
Good Luck, and maybe one day we can do a PFR3 to PFR3 Q ,
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: felipebarco@...
Date: Sun, 29 May 2011 16:46:13 -0300
Subject: [pfr3_group] Last (I Hope!) Help with my PFR-3

Hello, friends!

Well, I managed to take building the PFR-3 to the end! =) Yey!

But, I need some info, if you please could help!

1. By the time I was in Part 2, I didn't have access to an antenna for moving reasons. So, I couldn't do all the calibration process. The question is: If I try to do it with the PFR-3 complete, when in calibration mode, will the TX put out any power? I'm afraid my antenna is not tuned and something could be damaged.

2. One last thing to complete the building: T3. As the wires were missing, I bought them myself. The wire used to Wind T3 is regular #24 or magnet Wire? I have both, but want to go on the correct one!

Thank you very much!

Regards

Felipe
PU2OVA

2382. The Game Warden says "Get Ready"

Yahoo group: pfr3_group
Date: 2011-06-01 13:14:41 UTC
From: Dale Putnam
Topic: 2382 Message: 2382

The sun is up, and the sky is blue, no wind, and Gentlemen, it is a great day for a FoxHunt!!

So.. here's the plan, if you would like to be a FOX this summer season... then zip over to http://www.qrpfoxhunt/org
and grap an app, fill it out and ship it.. quickly. The sooner that is all done, the quicker we can get to the fun at hand.
And the sly fox, won't get past us.
It is a blast, and great practice, wonderful way to get the butterflies all riled up, no matter how many times you have been,
or, are so seasoned that nothing wakes up your butterfiles? Come try being a FOX, in the 20 acre woods.
This has been described as the training grounds for the winter hunts... maybe? Could be, it is only 20 acres.
On the other hand, 20 has been waking up, and with the great band openings, a FOX could be pretty worn out, at the end of 90 minutes
of the most fun available, well.. with your clothes on at least.
So... get those radios dusted off... and batteries charged up, put your FOX app in, and let's getter ready to GO... The summer is slipping away...

--... ..---
Dale - WC7S in Wy
http://www.qrpfoxhunt.org

2383. kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-01 21:03:00 UTC
From: ddv22
Topic: 2383 Message: 2383

Hello everyone
Who can tell me if he bought a kit PFR3 short time ago and received the package?
And also if someone has just finished building a PFR3 recent weeks.
I would like to know also if you have any answers to emails you send to Doug Hendricks?
Good day to all
Jean Paul F6DDV

2384. Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-01 21:20:21 UTC
From: Christer
Topic: 2383 Message: 2384

Halo Jean Paul!
My expirience och Doug is that he is not good when it comes to long replys to emails. However i can say that he answered promtly to my question, then it toke a while to get the part i neded the same as with the kit. I must say though its a good radio so is the outher kits i did buy from him.
Christer / SM4LRA

--- In pfr3_group@yahoogroups.com, "ddv22" <f6ddv@...> wrote:
>
> Hello everyone
> Who can tell me if he bought a kit PFR3 short time ago and received the package?
> And also if someone has just finished building a PFR3 recent weeks.
> I would like to know also if you have any answers to emails you send to Doug Hendricks?
> Good day to all
> Jean Paul F6DDV
>

2385. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-01 21:26:21 UTC
From: Mike Malone
Topic: 2383 Message: 2385

Doug can be tough to reach the week after Dayton... like most of us he has
a civilian life outside of ham radio. He has always come through on my
orders
or anything else needed.

Mike KD5KXF

On Wed, Jun 1, 2011 at 4:03 PM, ddv22 <f6ddv@...> wrote:

>
>
> Hello everyone
> Who can tell me if he bought a kit PFR3 short time ago and received the
> package?
> And also if someone has just finished building a PFR3 recent weeks.
> I would like to know also if you have any answers to emails you send to
> Doug Hendricks?
> Good day to all
> Jean Paul F6DDV
>
>
>

2386. PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-01 21:34:40 UTC
From: Christer
Topic: 2386 Message: 2386

I have been working the radio on internal battery for some 20 minutes yesterday.
all of a sudden it said POP in my ears and i saw that the display was blank but a decimal dot betwen the two last digits of the display.
As i did restart the set it went on as usual but, when i did key it it did put out power and the display started to ficker with the keying.
AHA Bad battery. 10 V on reseive and just over 9 in transmitt. with a 12V supply the same sympton.
I did measure the voltage on pin 1 on the processor DIL chip. On reseive 4,99V on tranmit it raised to about 6,5 - 7 V
I guess i will start with replacing the 5V regulator.

As i have not run the same measument befor the break down i dont know if this is normal, i don´t beleve it is.

Is there any one that have got the same problem oad / or any ideá on the subjekt.

73 de SM4LRA / Christer

2387. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-01 22:06:10 UTC
From: f6ddv
Topic: 2383 Message: 2387

Hi Mike
I understand what you are telling me
I wanted to get some technical information before ordering the kit.
And whether the kit is available PFR3, and I wrote to the company, I have not written directly to Doug,
and I think he is not alone to do the job? and that another person might answer may be, but I did not reply to several emails for a while.
Can I order the PFR3 if I know that the controls work well at the moment, it was just my question.
I wrote: Doug Hendricks, because I do not know the other people on the team.
73s
Jean paul F6DDV

----- Original Message -----
From: Mike Malone
To: pfr3_group@yahoogroups.com
Sent: Wednesday, June 01, 2011 11:26 PM
Subject: Re: [pfr3_group] kit PFR3

Doug can be tough to reach the week after Dayton... like most of us he has

a civilian life outside of ham radio. He has always come through on my orders
or anything else needed.

Mike KD5KXF

On Wed, Jun 1, 2011 at 4:03 PM, ddv22 <f6ddv@...> wrote:

Hello everyone
Who can tell me if he bought a kit PFR3 short time ago and received the package?
And also if someone has just finished building a PFR3 recent weeks.
I would like to know also if you have any answers to emails you send to Doug Hendricks?
Good day to all
Jean Paul F6DDV

2388. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-01 22:10:43 UTC
From: Mike Malone
Topic: 2383 Message: 2388

Oh, sorry. I can answer some of your technical questions but I am not
certain of what his order or shipping status is right now. I have not had
any problems with my controls being inoperable but I have the PFR3B,
I believe they are shipping a newer version now.

Mike KD5KXF

On Wed, Jun 1, 2011 at 5:06 PM, f6ddv <f6ddv@...> wrote:

>
>
> Hi Mike
> I understand what you are telling me
> I wanted to get some technical information before ordering the kit.
> And whether the kit is available PFR3, and I wrote to the company, I have
> not written directly to Doug,
> and I think he is not alone to do the job? and that another person might
> answer may be, but I did not reply to several emails for a while.
> Can I order the PFR3 if I know that the controls work well at the moment,
> it was just my question.
> I wrote: Doug Hendricks, because I do not know the other people on the
> team.
> 73s
> Jean paul F6DDV
>
>
> ----- Original Message -----
> *From:* Mike Malone <kd5kxf@...>
> *To:* pfr3_group@yahoogroups.com
> *Sent:* Wednesday, June 01, 2011 11:26 PM
> *Subject:* Re: [pfr3_group] kit PFR3
>
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> Doug can be tough to reach the week after Dayton... like most of us he has
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> Mike KD5KXF
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>> package?
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>> Doug Hendricks?
>> Good day to all
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>>
>>
>
>

2389. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-01 22:34:43 UTC
From: Steve Smith
Topic: 2386 Message: 2389

Hello Christer,

To me, your symptoms almost sound like an RF feedback problem. Have you tried operating the radio into a good, 50 Ohm dummy load to see if it does the same thing? If it does, only then would I recommend replacing the 78L05.

Best of luck with the trouble shooting.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Christer" <sm4lra@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3 troubble.
Date: Wed, 01 Jun 2011 21:34:40 -0000

I have been working the radio on internal battery for some 20 minutes yesterday.
all of a sudden it said POP in my ears and i saw that the display was blank but a decimal dot betwen the two last digits of the display.
As i did restart the set it went on as usual but, when i did key it it did put out power and the display started to ficker with the keying.
AHA Bad battery. 10 V on reseive and just over 9 in transmitt. with a 12V supply the same sympton.
I did measure the voltage on pin 1 on the processor DIL chip. On reseive 4,99V on tranmit it raised to about 6,5 - 7 V
I guess i will start with replacing the 5V regulator.

As i have not run the same measument befor the break down i dont know if this is normal, i don´t beleve it is.

Is there any one that have got the same problem oad / or any ideá on the subjekt.

73 de SM4LRA / Christer

Yahoo! Groups Links

2390. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-01 22:47:48 UTC
From: OllySteed@aol.com
Topic: 2383 Message: 2390

Hi Mike,
What is different on the PFR3B?
BOB
AF2Q

In a message dated 6/1/2011 7:10:46 P.M. Atlantic Daylight Time,
kd5kxf@... writes:

Oh, sorry. I can answer some of your technical questions but I am not

certain of what his order or shipping status is right now. I have not had
any problems with my controls being inoperable but I have the PFR3B,
I believe they are shipping a newer version now.

Mike KD5KXF

2391. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-01 22:56:49 UTC
From: Dale Putnam
Topic: 2386 Message: 2391

Hi Christer,
I may have missed this but are you tx into a dummy load? Or an antenna? If it is an antenna, then maybe the finals didn't like the match?
Or were you, are you using the tuner too? Can you put a milliameter to measure the current during tx?
It seems there us a large current drain, during tx.
Or, if you were working on the circuitry, it may very well be the regulator as Steve suggested.

Let us know how it goes, always a challange.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Wed, 1 Jun 2011 22:34:43 +0000
Subject: Re: [pfr3_group] PFR3 troubble.

Hello Christer,

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Date: Wed, 01 Jun 2011 21:34:40 -0000

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73 de SM4LRA / Christer

Yahoo! Groups Links

2392. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-01 23:02:17 UTC
From: Steve Smith
Topic: 2383 Message: 2392

Mike,

You are correct. Doug teaches high school (senior biology, I believe) and is a Varsity Basketball coach.

His Seniors graduate tomorrow, Thursday, June 02 so I'll bet he's quite busy.

The good news is that Doug is also "graduating"; he will retire following the end of the current semester. My bet is that he won't slow down at all, probably the opposite.

73.......Steve Smith WB6TNL

From: Mike Malone <kd5kxf@...>

Doug can be tough to reach the week after Dayton... like most of us he has a civilian life outside of ham radio. He has always come through on my orders or anything else needed.

Mike KD5KXF

2393. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 00:53:39 UTC
From: OllySteed@aol.com
Topic: 2383 Message: 2393

Hi Jean,
I think perhaps the person who told you he has the pfr3B has that wrong.
I asked several people who would have the right information.
I think Mike meant to say he has the ATS3B and not a pfr3B
BOB
AF2Q

http://groups.yahoo.com/group/CW-QRP-Homebrewers/
(http://groups.yahoo.com/group/CW-QRP-Homebrewers/)

Professional Bum,Part time submarine window washer & unpaid skydiving
gravity tester
QRP_L #1437-N.J.QRP-#126-ARS #350-FISTS #4916-SKCC #4570-ARCI-
#4600-NOR-CAL ZOMBI-#243-CW-CODE-WARRIOR # 1 ARRL A1-OP

In a message dated 6/1/2011 7:06:23 P.M. Atlantic Daylight Time,
f6ddv@... writes:

Hello everyone
Who can tell me if he bought a kit PFR3 short time ago and received the
package?
And also if someone has just finished building a PFR3 recent weeks.
I would like to know also if you have any answers to emails you send to
Doug Hendricks?
Good day to all
Jean Paul F6DDV

http://groups.yahoo.com/group/CW-QRP-Homebrewers/
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2394. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 02:42:46 UTC
From: David Wilcox
Topic: 2383 Message: 2394

I asked Doug the same question at FDIM and the resonse was that there were some changes on the circuit board to make building the kit easier, no changes in the circuit.

Dave K8WPE

From: "OllySteed@..." <OllySteed@aol.com>
To: pfr3_group@yahoogroups.com
Cc: kd5kxf@...
Sent: Wednesday, June 1, 2011 6:47 PM
Subject: Re: [pfr3_group] kit PFR3

Hi Mike,
What is different on the PFR3B?
BOB
AF2Q

In a message dated 6/1/2011 7:10:46 P.M. Atlantic Daylight Time, kd5kxf@... writes:

>
>Oh, sorry. I can answer some of your technical questions but I am not
>
>certain of what his order or shipping status is right now. I have not had
>any problems with my controls being inoperable but I have the PFR3B,
>I believe they are shipping a newer version now.
>
>
>Mike KD5KXF

2395. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 02:48:39 UTC
From: OllySteed@aol.com
Topic: 2383 Message: 2395

Thanks for the heads up on that Dave.
I think if there were changes to the rig it would have been posted here
and under the Hendricks Kits site.
Thanks for responding
BOB
AF2Q

http://groups.yahoo.com/group/CW-QRP-Homebrewers/
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#4600-NOR-CAL ZOMBI-#243-CW-CODE-WARRIOR # 1 ARRL A1-OP

In a message dated 6/1/2011 11:42:49 P.M. Atlantic Daylight Time,
djwilcox01@... writes:

I asked Doug the same question at FDIM and the resonse was that there were
some changes on the circuit board to make building the kit easier, no
changes in the circuit.

Dave K8WPE

http://groups.yahoo.com/group/CW-QRP-Homebrewers/
(http://groups.yahoo.com/group/CW-QRP-Homebrewers/)

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2396. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 03:11:04 UTC
From: Mike Malone
Topic: 2383 Message: 2396

I have the PRR 3 revision B and it is not the most current design. I am not certain what changes were made but if you look at the revision b instructions
on the website it will show you what I built. I am not certain but I think there
were some changes in firmware since I built mine. I believe the only difference
with mine and the earlier model was firmware on the chip.

Mike KD5KXF

PS Jean, I was misinterpreting controls in your post, I thought you meant for
vfo and antenna tuner. The kit is very complete.

On Wed, Jun 1, 2011 at 9:48 PM, <OllySteed@...> wrote:

>
>
> *Thanks for the heads up on that Dave.*
> *I think if there were changes to the rig it would have been posted here
> and under the Hendricks Kits site.*
> *Thanks for responding*
> *BOB*
> *AF2Q*
> http://groups.yahoo.com/group/CW-QRP-Homebrewers/*
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> QRP_L #1437-N.J.QRP-#126-ARS #350-FISTS #4916-SKCC #4570-ARCI-
> #4600-NOR-CAL ZOMBI-#243-CW-CODE-WARRIOR # 1 ARR A1-OP
>
>
> In a message dated 6/1/2011 11:42:49 P.M. Atlantic Daylight Time,
> djwilcox01@... writes:
>
> I asked Doug the same question at FDIM and the resonse was that there were
> some changes on the circuit board to make building the kit easier, no
> changes in the circuit.
>
> Dave K8WPE
>
> **
>
> http://groups.yahoo.com/group/CW-QRP-Homebrewers/*
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> #4600-NOR-CAL ZOMBI-#243-CW-CODE-WARRIOR # 1 ARRL A1-OP
>
>

2397. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 03:25:04 UTC
From: Steve Smith
Topic: 2383 Message: 2397

There are only two different models of PFR; the PFR3 and PFR3A.

Don't confuse model numbers with instruction manual revisions.

The "REV B" and "REV B.2" manuals are revised manuals for the PFR3 (no suffix), not a reference to a new model.

73.......Steve Smith WB6TNL

2398. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 08:02:36 UTC
From: Carlo Strozzi
Topic: 2383 Message: 2398

On Wed, Jun 01, 2011 at 09:03:00PM -0000, ddv22 wrote:
> Hello everyone
> Who can tell me if he bought a kit PFR3 short time ago and received the package?

Jean Paul,

I bought one the other day, don't know yet whether (or *if*) I'll receive it,
but if I do I'll let you know.

> I would like to know also if you have any answers to emails you send to Doug Hendricks?

I did get answers to my emails to him, but it took a lot of effort and I had
to get nervous about it. It looks like this is a busy time for Doug, I hope
he will be able to react more timely as soon as the school year is over.
I must add that when Doug finally did reply he was kind and supportive, but
I know emailing with him can be stressful.

good luck,
de Carlo, IZ4KBS

--
Software Patents kill Innovation: say NO to Software Patents!
I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2399. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 08:11:25 UTC
From: OllySteed@aol.com
Topic: 2383 Message: 2399

Hobby or not,
The Man is selling and if he can't carry he load due to other comments
then he should get some help.
I see there sure isn't no effort on the pay pal link.
Dave Benson always responds and when he can't he makes a post saying he's
tied up,waiting for part or there is a parts back order problem but he
doesn't have people wait long no matter how busy he is.
BOB
AF2Q

In a message dated 6/2/2011 5:02:47 A.M. Atlantic Daylight Time,
carlos@... writes:

I did get answers to my emails to him, but it took a lot of effort and I
had
to get nervous about it. It looks like this is a busy time for Doug, I hope
he will be able to react more timely as soon as the school year is over.
I must add that when Doug finally did reply he was kind and supportive, but
I know emailing with him can be stressful.

good luck,
de Carlo, IZ4KBS

2400. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 09:48:33 UTC
From: David Wilcox
Topic: 2383 Message: 2400

Bob and others,

My previous comment re changes in the PFR3A (B) are the same. I was referring to the A model as I had bought one of Dougs' first run of PFR3s. No circuit change. Just board changes to make the kit easier to build, per Doug himself at FDIM.

Great kit. Worked well from the beginning. I had a neighbor, K9JP, build mine and other than a part or two missing he had no problem and I love it. Main problem is not enough time to play with all the QRP and QRPp radios I haved collected. Two more years to retirement. Then 50% Honeydooooo 50% radio..... it was in the marriage contract under the fine print.

Dave K8WPE

2401. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-02 09:59:16 UTC
From: Christer Andersson
Topic: 2386 Message: 2401

Hi Dale and Steve !
Thank you both for your comments. i vill check with a short lead to my 50ohm dummy load. When the misshap did hapen I was connected to my main vertical via a tuner and connected to the pfr3 BNC output.
i worked on 30m and the SWR is about 1,7/1 with the tuner on bypass.
So I will measure the current drain during TX using my dummy load. when i did the voltage test i was connectd to the antenna.
I will post a note when this is done
Thanks again and best 73 de SM4LRA/ Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 12:56:49 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
 I may have missed this but are you tx into a dummy load? Or an antenna? If it is an antenna, then maybe the finals didn't like the match?
Or were you, are you using the tuner too? Can you put a milliameter to measure the current during tx?

It seems there us a large current drain, during tx.
 Or, if you were working on the circuitry, it may very well be the regulator as Steve suggested.

Let us know how it goes, always a challange.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Wed, 1 Jun 2011 22:34:43 +0000
Subject: Re: [pfr3_group] PFR3 troubble.

Hello Christer,

To me, your symptoms almost sound like an RF feedback problem. Have you tried operating the radio into a good, 50 Ohm dummy load to see if it does the same thing? If it does, only then would I recommend replacing the 78L05.

Best of luck with the trouble shooting.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Christer" <sm4lra@yahoo.com>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3 troubble.
Date: Wed, 01 Jun 2011 21:34:40 -0000

I have been working the radio on internal battery for some 20 minutes yesterday. all of a sudden it said POP in my ears and i saw that the display was blank but a decimal dot betwen the two last digits of the display.
As i did restart the set it went on as usual but, when i did key it it did put out power and the display started to ficker with the keying.
AHA Bad battery. 10 V on reseive and just over 9 in transmitt. with a 12V supply the same sympton.

I did measure the voltage on pin 1 on the processor DIL chip. On reseive 4,99V on tranmit it raised to about 6,5 - 7 V
I guess i will start with replacing the 5V regulator.

As i have not run the same measument befor the break down i dont know if this is normal, i don´t beleve it is.

Is there any one that have got the same problem oad / or any ideá on the subjekt.

73 de SM4LRA / Christer

Yahoo! Groups Links

2402. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 10:29:38 UTC
From: f6ddv
Topic: 2383 Message: 2402

Hello everyone
I finally realized (finally) that Doug was QSY in Dayton, I think a lot of responsible businesses in America are low,
I also read NuePsk boss and some others.
I think this is a very important meeting of the year?
I apologize if I have too many questions too precise for information before buying pfr3, but it is not easy to see in France that you guys have left the company in one fell swoop ... H.I.
I'll wait a bit, because there are options for transportation that are important to me (some carriers are taking a lot of money for nothing, and I'm not interested in express shipping)
I also wanted to know about food, it is possible to put more than 12 volts without problem, the batteries do not interest me,
I always pack with external. Maybe add a MOS switching regulator for safety and an audio amplifier with speaker
Small double paddle and finished ... damage, it will make ...
I had a problem with the letters to place on some kits,
I think I realized that once again the yellow coffert you must deposit the letters ...
Anxiety ... H.I.
Unless I pay for Doug to do it ...
73s
Jean paul F6DDV

----- Original Message -----
From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Thursday, June 02, 2011 1:02 AM
Subject: Re: [pfr3_group] kit PFR3

Mike,

You are correct. Doug teaches high school (senior biology, I believe) and is a Varsity Basketball coach.

His Seniors graduate tomorrow, Thursday, June 02 so I'll bet he's quite busy.

The good news is that Doug is also "graduating"; he will retire following the end of the current semester. My bet is that he won't slow down at all, probably the opposite.

73.......Steve Smith WB6TNL

From: Mike Malone <kd5kxf@...>

Doug can be tough to reach the week after Dayton... like most of us he has a civilian life outside of ham radio. He has always come through on my orders or anything else needed.

Mike KD5KXF

2403. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 11:17:54 UTC
From: f6ddv
Topic: 2383 Message: 2403

OK Mike
I saw a video that shows a rule that OM rapidly integrated tuner pfr3, I think it is very fast indeed ...
I do not know the limits of impedance, but although there have this kind of tuner.
I did not know, I did not read properly ...
73s
JP F6DDV
----- Original Message -----
From: Mike Malone
To: pfr3_group@yahoogroups.com
Sent: Thursday, June 02, 2011 5:11 AM
Subject: Re: [pfr3_group] kit PFR3
I have the PRR 3 revision B and it is not the most current design. I am not certain what changes were made but if you look at the revision b instructions on the website it will show you what I built. I am not certain but I think there were some changes in firmware since I built mine. I believe the only difference with mine and the earlier model was firmware on the chip.

Mike KD5KXF

PS Jean, I was misinterpreting controls in your post, I thought you meant for vfo and antenna tuner. The kit is very complete.

2404. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 11:50:37 UTC
From: f6ddv
Topic: 2383 Message: 2404

Hi Carlo
Yes, I think I understand ...
I will be patient and I think I have already obtained valuable intelligence from the mailing list.
Certainly it is difficult to know everything and understand everything at once.
However some points I must await the return of Doug and do not rush me stupidly in case something
should be changed to the order or delivery, or add options.
It is always possible to get what one wants, but not going too fast, it's never good.
Sometimes, I learned it is better to pay a little more if needed to be satisfied,
instead of rushing and having to reorder, but we can also talk with the vendor ...
73s
Jean paul F6DDV

----- Original Message -----
From: Carlo Strozzi
To: pfr3_group@yahoogroups.com
Sent: Thursday, June 02, 2011 10:02 AM
Subject: Re: [pfr3_group] kit PFR3

On Wed, Jun 01, 2011 at 09:03:00PM -0000, ddv22 wrote:
> Hello everyone
> Who can tell me if he bought a kit PFR3 short time ago and received the package?

Jean Paul,

I bought one the other day, don't know yet whether (or *if*) I'll receive it,
but if I do I'll let you know.

> I would like to know also if you have any answers to emails you send to Doug Hendricks?

I did get answers to my emails to him, but it took a lot of effort and I had
to get nervous about it. It looks like this is a busy time for Doug, I hope
he will be able to react more timely as soon as the school year is over.
I must add that when Doug finally did reply he was kind and supportive, but
I know emailing with him can be stressful.

good luck,
de Carlo, IZ4KBS

--
Software Patents kill Innovation: say NO to Software Patents!
I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2405. Fox - It's a fine day for a Fox Hunt!!!

Yahoo group: pfr3_group
Date: 2011-06-02 13:03:45 UTC
From: Dale Putnam
Topic: 2405 Message: 2405

The sun is up, and the sky is blue, no wind, and Gentlemen, it is a great day for a FoxHunt!!

So.. here's the plan, if you would like to be a FOX this summer season... then zip over to http://www.qrpfoxhunt.org
and grap an app, fill it out and ship it.. quickly. The sooner that is all done, the quicker we can get to the fun at hand.
And the sly fox, won't get past us.
It is a blast, and great practice, wonderful way to get the butterflies all riled up, no matter how many times you have been,
or, are so seasoned that nothing wakes up your butterfiles? Come try being a FOX, in the 20 acre woods.
This has been described as the training grounds for the winter hunts... maybe? Could be, it is only 20 acres.
On the other hand, 20 has been waking up, and with the great band openings, a FOX could be pretty worn out, at the end of 90 minutes
of the most fun available, well.. with your clothes on at least.
So... get those radios dusted off... and batteries charged up, put your FOX app in, and let's getter ready to GO... The summer is slipping away...

--... ..---
Dale - WC7S in Wy
http://www.qrpfoxhunt.org

2406. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 14:08:59 UTC
From: ckwishmeier@cs.com
Topic: 2383 Message: 2406

Hay Guys,

Give the guy a break. He just did Dayton which takes weeks to prepare for, then weeks to recover and catch up. These guys hand pack these kits. It takes time and patience. Every one of these kits is a gem and worth the wait. I bought my PFR-3A kit last year at Dayton. It was short two small parts. I sent an email to Doug, then started the kit. The parts arrived before I really needed them. This is one fantastic QRP transceiver.

Keith
WA9S

-----Original Message-----
From: OllySteed <OllySteed@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Jun 2, 2011 4:11 am
Subject: Re: [pfr3_group] kit PFR3

Hobby or not,
The Man is selling and if he can't carry he load due to other comments then he should get some help.
I see there sure isn't no effort on the pay pal link.
Dave Benson always responds and when he can't he makes a post saying he's tied up,waiting for part or there is a parts back order problem but he doesn't have people wait long no matter how busy he is.
BOB
AF2Q

In a message dated 6/2/2011 5:02:47 A.M. Atlantic Daylight Time, carlos@... writes:
I did get answers to my emails to him, but it took a lot of effort and I had
to get nervous about it. It looks like this is a busy time for Doug, I hope
he will be able to react more timely as soon as the school year is over.
I must add that when Doug finally did reply he was kind and supportive, but
I know emailing with him can be stressful.

good luck,
de Carlo, IZ4KBS

Hobby or not,
The Man is selling and if he can't carry he load due to other comments then he should get some help.
I see there sure isn't no effort on the pay pal link.
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BOB
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In a message dated 6/2/2011 5:02:47 A.M. Atlantic Daylight Time, carlos@... writes:
I did get answers to my emails to him, but it took a lot of effort and I had
to get nervous about it. It looks like this is a busy time for Doug, I hope
he will be able to react more timely as soon as the school year is over.
I must add that when Doug finally did reply he was kind and supportive, but
I know emailing with him can be stressful.

good luck,
de Carlo, IZ4KBS

2407. RE: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 14:16:30 UTC
From: Dale Putnam
Topic: 2383 Message: 2407

Sometimes life gets in the way, and sometimes the way gets into life.
Sometimes, it is pretty difficult to see the forest for the trees.
I wouldn't be too critical, until you walk a mile in his shoes too.
For my money, Doug is doing that what Doug needs to do.
Sometimes patience is a sought after virtue.
The PFR3 is a fine radio, and the effort to provide the kit for us is a pretty much thankless job.
Beating him up because he doesn't do it our way, is worthless and counterproductive.
The kit is worth waiting for, a fun build, and after years of using it... the waiting for it won't seem very much at all.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Thu, 2 Jun 2011 10:08:59 -0400
Subject: Re: [pfr3_group] kit PFR3

Hay Guys,

Give the guy a break. He just did Dayton which takes weeks to prepare for, then weeks to recover and catch up. These guys hand pack these kits. It takes time and patience. Every one of these kits is a gem and worth the wait. I bought my PFR-3A kit last year at Dayton. It was short two small parts. I sent an email to Doug, then started the kit. The parts arrived before I really needed them. This is one fantastic QRP transceiver.

Keith
WA9S

-----Original Message-----
From: OllySteed <OllySteed@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Jun 2, 2011 4:11 am
Subject: Re: [pfr3_group] kit PFR3

Hobby or not,
The Man is selling and if he can't carry he load due to other comments then he should get some help.
I see there sure isn't no effort on the pay pal link.
Dave Benson always responds and when he can't he makes a post saying he's tied up,waiting for part or there is a parts back order problem but he doesn't have people wait long no matter how busy he is.
BOB
AF2Q

In a message dated 6/2/2011 5:02:47 A.M. Atlantic Daylight Time, carlos@... writes:
I did get answers to my emails to him, but it took a lot of effort and I had

to get nervous about it. It looks like this is a busy time for Doug, I hope he will be able to react more timely as soon as the school year is over. I must add that when Doug finally did reply he was kind and supportive, but I know emailing with him can be stressful.

good luck,
de Carlo, IZ4KBS

2408. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 14:57:00 UTC
From: OllySteed@aol.com
Topic: 2383 Message: 2408

Dale,
I have the right to express my feelings about the lack of communications from the Hendricks kits.
If a Man takes on more then he can handle and has no time to process orders them post an announcement on the site where the kits are being sold.
Then everyone knows whats going on.
It's that simple.
Dave Benson does that.
As far as the pfr3 rig goes, it is the design of Steve Weber.
Steve,
THANK YOU for designing what must be the almost perfect,affordable QRP 3 band rig.
I built the Red Hots, both the 20 & 40 meter versions,Several NC-20 rigs,NC-40-A,SST's,but when it comes to receiver sensitivity,selectivity,your pfr3 beats the rest.
I just may buy a back up when shipments start again.
I took a peek and it looks like something I can build.
Just need stronger glasses:-)
BOB
AF2Q

http://groups.yahoo.com/group/CW-QRP-Homebrewers/
(http://groups.yahoo.com/group/CW-QRP-Homebrewers/)

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In a message dated 6/2/2011 11:18:25 A.M. Atlantic Daylight Time, daleputnam@... writes:

Sometimes life gets in the way, and sometimes the way gets into life.
Sometimes, it is pretty difficult to see the forest for the trees.
I wouldn't be too critical, until you walk a mile in his shoes too.
For my money, Doug is doing that what Doug needs to do.
Sometimes patience is a sought after virtue.
The PFR3 is a fine radio, and the effort to provide the kit for us is a pretty much thankless job.
Beating him up because he doesn't do it our way, is worthless and counterproductive.
The kit is worth waiting for, a fun build, and after years of using it... the waiting for it won't seem very much at all.

--... ...-- Dale - WC7S in Wy

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2409. Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 15:21:19 UTC
From: James
Topic: 2383 Message: 2409

To beat the subject a bit more:

The QRP kits do take 10 days or so to ship out; he does not claim overnight shipping. Well worth the wait

Mr Hendricks makes it clear that he will make sure that you have the correct parts, and he did that for me quite promptly.

He also makes it clear that he does not handle repair or detailed tech questions, those go to Mr Weber, Mr Tayloe, or a few others.

Some have said the instructions are lacking. They just have to be kidding. The few problem areas have been addressed well here, just do a search.

The days of Heathkits are gone. (and these kits are not $$$$ like Elecraft)

2410. Re: [pfr3_group] Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 15:32:40 UTC
From: OllySteed@aol.com
Topic: 2383 Message: 2410

So your point?
Who are you addressing this to?
BTW,
Some builders on the Elcraft list will build this rig for those who can't
and the disabled.
It may not be the $$$$$$$ Elcraft rig but from what I read about Elcraft
rigs,they have their bugs,especially the 4 band K-1.
Steve proved you don't need a $$$$$$ kit for top performance.
BOB
AF2Q

In a message dated 6/2/2011 12:21:31 P.M. Atlantic Daylight Time,
jecford@... writes:

The QRP kits do take 10 days or so to ship out; he does not claim
overnight shipping. Well worth the wait

Mr Hendricks makes it clear that he will make sure that you have the
correct parts, and he did that for me quite promptly.

He also makes it clear that he does not handle repair or detailed tech
questions, those go to Mr Weber, Mr Tayloe, or a few others.

Some have said the instructions are lacking. They just have to be
kidding. The few problem areas have been addressed well here, just do a search.

The days of Heathkits are gone. (and these kits are not $$$$ like
Elecraft)

2411. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 17:26:58 UTC
From: lee
Topic: 2383 Message: 2411

I have purchased many items from Doug Hendrix over the years. Here are my observations. Some of them are not politically correct but every thing is true based on my observations:
1. He sells great kits with few exceptions.
2. He is an honest person. Sometimes he is slow but he will always get you you radio and or any missing parts.
3. Yes, he has his favorite persons and they do get preferential treatment.
4. Doug wants to be the leader and in most cases does a good job of it. However, he is no design engineer or great technician. All his kits are backed up by the designer of the rig or there is help from groups/reflectors for the item.
5. Prices are fair and reflect a modest profit for the seller and designer. (He won't get rich with his modest profits).
6. If you really want one of his kits, the wait will be worth it. (Many kits are shipped on a timely basis with little wait).
7. He could do a better job letting potential customer's know of rig changes, such as silk screening to water decals, rig changes, and waiting periods, etc.
8. He could do a better job answering his e-mail. He wishes the customers would understand his time restraints but he has little apathy for the buyers time restraints.
9. He is a busy guy teaching school and making hamfests plus family commitments. (I think it is great he makes many ham fests. Not every seller would do this).
10. His wife, I am sure is taking a lot of his time. Without going into details, it's my understanding she is seriously very sick. I am sure he doesn't want to talk about this with the general public and it's a private matter.
11. Hopefully, when Doug retires this year, he will be able to correct some of his weak points.
The bottom line is, Doug sells very nice kits and he will get it to you if you buy one and he will make good any missing parts. The kits are fairly priced and the manuals are better then any Heathkit manual. They have color build sheets, high resolution pictures, build instructions, high quality shadow masked double sided glass boards, test sequences, diagrams, close up shots, great coil winding instructions, parts lists and schematic diagrams. I can't imagine having better instructions for any kit being offered. I am not the biggest fan of slide on decals over silk screening, but I am sure the decals keep costs down and if applied correctly do give a nice look to the cabinet.
These are the honest things that come to mind over my dealings with Doug Hendrix (QRP Kits) over many years.
Lee, w0vt

2412. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-02 17:44:02 UTC
From: Christer Andersson
Topic: 2386 Message: 2412

Hi Steve and Dale!
Did my testing on my dumy load and my troubbles developed further.
The reseiver works well and every other funktion on the four buttons like up and down rit and so on but, when i did key down the sidetone rise for about two seconds and then the radio simly shut down.
As its still in the case just did few measuments . when i started it up again the RX works again and the 5 V regulator turns out 5V. then when i hit the key the thing turns of instantly and the regulator givs some 3,8V and holding. It is reset by cuting the power. The input on the regulator drops slightly from 10.17 to 10V.
It Puzzels me what can draw so much current after the stabilizer. next get it out of the case .

73 de SM4LRA / Christer

From: Christer Andersson <sm4lra@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 11:59:16 AM
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale and Steve !
Thank you both for your comments. i vill check with a short lead to my 50ohm dummy load. When the misshap did hapen I was connected to my main vertical via a tuner and connected to the pfr3 BNC output.
i worked on 30m and the SWR is about 1,7/1 with the tuner on bypass.
So I will measure the current drain during TX using my dummy load. when i did the voltage test i was connectd to the antenna.
I will post a note when this is done
Thanks again and best 73 de SM4LRA/ Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 12:56:49 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
 I may have missed this but are you tx into a dummy load? Or an antenna? If it is an antenna, then maybe the finals didn't like the match?
Or were you, are you using the tuner too? Can you put a milliameter to measure the current during tx?

It seems there us a large current drain, during tx.
 Or, if you were working on the circuitry, it may very well be the regulator as Steve suggested.

Let us know how it goes, always a challange.
Have a great day,

--... ...-- Dale - WC7S in Wy

_____
To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Wed, 1 Jun 2011 22:34:43 +0000
Subject: Re: [pfr3_group] PFR3 troubble.

Hello Christer,

To me, your symptoms almost sound like an RF feedback problem. Have you tried operating the radio into a good, 50 Ohm dummy load to see if it does the same thing? If it does, only then would I recommend replacing the 78L05.

Best of luck with the trouble shooting.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Christer" <sm4lra@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3 troubble.
Date: Wed, 01 Jun 2011 21:34:40 -0000

I have been working the radio on internal battery for some 20 minutes yesterday. all of a sudden it said POP in my ears and i saw that the display was blank but a decimal dot betwen the two last digits of the display.
As i did restart the set it went on as usual but, when i did key it it did put out power and the display started to ficker with the keying.
AHA Bad battery. 10 V on reseive and just over 9 in transmitt. with a 12V supply the same sympton.

I did measure the voltage on pin 1 on the processor DIL chip. On reseive 4,99V on tranmit it raised to about 6,5 - 7 V
I guess i will start with replacing the 5V regulator.

As i have not run the same measument befor the break down i dont know if this is normal, i don´t beleve it is.

Is there any one that have got the same problem oad / or any ideá on the subjekt.

73 de SM4LRA / Christer

Yahoo! Groups Links

2413. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-02 17:48:01 UTC
From: Dale Putnam
Topic: 2386 Message: 2413

Hi Christer,
It appears to be a short in the tx.. suspect finals most. But you already are headed there.
Should be able to find that short with an ohmeter with no power applied.
It will be interesting to see as this unfolds,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Thu, 2 Jun 2011 10:44:02 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Steve and Dale!
Did my testing on my dumy load and my troubbles developed further.
The reseiver works well and every other funktion on the four buttons like up and down rit and so on but, when i did key down the sidetone rise for about two seconds and then the radio simly shut down.
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Is there any one that have got the same problem oad / or any ideá on the subjekt.

73 de SM4LRA / Christer

Yahoo! Groups Links

2414. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-02 18:52:04 UTC
From: Steve Smith
Topic: 2386 Message: 2414

Hello Christer,

I suspect a defective 78L05 regulator, U9. If the finals were shorted, I would expect that the input to U9 would pull down lower than 10 Volts. 10 Volts is plenty of overhead for U9 to function properly.

Having said that, Dale probably has more experience with the PFR3 than anyone except Steve Weber so, as he says, "It will be interesting to see as this unfolds".

Best of luck with your troubleshooting.

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From: Dale Putnam <daleputnam@...>

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To: pfr3_group@yahoogroups.com
From: sm4lra@...

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73 de SM4LRA / Christer

2415. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 19:47:10 UTC
From: f6ddv
Topic: 2383 Message: 2415

Hello everyone
I think it's been long since i have not read much of anything on OM, HI ... i think it may be a celebrity ? ...

Well, I really wish that the man who helped us out with good kits succeeded very good business in Datong and good publicity too.
Now I hope he can have an employee may be more for a little time to serve customers OMs who hope to buy their kits from the net.
Having read all the answers to my questions, I do not think I have not alternative but to order the pfr3 in advance to save a little time.
I already ordered the kits, I know it's serious, but I only regret not being able to do as, I normally do, ie ask a few questions to a
member of the company, and c is a real shame.
I think the delay will be several weeks, we should not dream too ...

73s
Jean paul F6DDV
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I have purchased many items from Doug Hendrix over the years. Here are my observations. Some of them are not politically correct but every thing is true based on my observations:

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11. Hopefully, when Doug retires this year, he will be able to correct some of his weak points.

The bottom line is, Doug sells very nice kits and he will get it to you if you buy one and he will make good any missing parts. The kits are fairly priced and the manuals are better then any Heathkit manual. They have color build sheets, high resolution pictures, build instructions, high quality shadow masked double sided glass boards, test sequences, diagrams, close up shots, great coil winding instructions, parts lists and schematic diagrams. I can’t imagine having better instructions for any kit being offered. I am not the biggest fan of slide on decals over silk screening, but I am sure the decals keep costs down and if applied correctly do give a nice look to the cabinet.

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Lee, w0vt

2416. RE: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 19:55:05 UTC
From: N. A. Monllor
Topic: 2383 Message: 2416

Hello Jean Paul,

Believe me when I tell you , You will be very pleased with this radio. It is probably one of the best I've ever used.

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

From: pfr3_group@...m [mailto:pfr3_group@yahoogroups.com] On Behalf Of f6ddv
Sent: Thursday, June 02, 2011 3:47 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] kit PFR3

☐

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Lee, w0vt

2417. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 20:26:36 UTC
From: f6ddv
Topic: 2383 Message: 2417

OK Ren
I do believe the choice is good
The best proof is that I do not read a single review on this small portable transceiver
So if I'm disappointed, because it will have done stupid things in the editing ... H.I.
73s
Jean paul F6DDV
----- Original Message -----
From: N. A. Monllor
To: pfr3_group@yahoogroups.com
Sent: Thursday, June 02, 2011 9:55 PM
Subject: RE: [pfr3_group] kit PFR3

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Ren

N.A. (Ren) Monllor

KG4BAS

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http://www.qrparci.org/

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Sent: Thursday, June 02, 2011 3:47 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] kit PFR3□

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2418. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-02 20:59:01 UTC
From: Christer Andersson
Topic: 2386 Message: 2418

Halo Steve !
I must check onse again. U9 you said, I supouse you are talking about the regulator U5 78L05. I cant find any U9 even if there is higher U numbers on the board or is it apossibility that you did mean the Q9 in the group of three devises named Q7 to 9. i dont think you do i still have to ask so i dont miss any thing.

Best regards Christer

From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 8:52:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hello Christer,

I suspect a defective 78L05 regulator, U9. If the finals were shorted, I would expect that the input to U9 would pull down lower than 10 Volts. 10 Volts is plenty of overhead for U9 to function properly.

Having said that, Dale probably has more experience with the PFR3 than anyone except Steve Weber so, as he says, "It will be interesting to see as this unfolds".

Best of luck with your troubleshooting.

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From: sm4lra@yahoo.com

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73 de SM4LRA / Christer

2419. Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 23:06:34 UTC
From: peter
Topic: 2383 Message: 2419

Jean Paul,

I'm afraid Hendricks is just not someone who understands how important it is to communicate with his customers. I find it in very poor taste that he apparently never even sends a quick note about the status of a request. I bought the PFR-3A and Weber Dual Bander from QRPKITS and have had no response or very long delays in receiving parts for both kits. As a first time builder (PFR-3A), I also had a few very simple questions regarding identification of parts received and never got a response. I'm still waiting (over 5 months now) for some kind of response regarding missing parts on the WBD. I can only suggest you keep sending him messages about your problem. Technical difficulties are best dealt with on this user's group.

Best of luck and 73,
Peter - KB1PBA

--- In pfr3_group@yahoogroups.com, "ddv22" <f6ddv@...> wrote:
>
> Hello everyone
> Who can tell me if he bought a kit PFR3 short time ago and received the package?
> And also if someone has just finished building a PFR3 recent weeks.
> I would like to know also if you have any answers to emails you send to Doug Hendricks?
> Good day to all
> Jean Paul F6DDV
>

2420. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-02 23:07:40 UTC
From: Dale Putnam
Topic: 2386 Message: 2420

Yes, Steve was referring to the regulator. But before you swap it, maybe a check on the output of the regulator would give more information?
I think it is U5 on some of the schematics, and mislabeled on others as U9... Or correctly labeled for that particular radio version.
The Q7-9 should be the finals, those would be the ones that I was considering possibly being shorted... and a check with an ohmmeter, would tell that, in circuit.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@yahoo.com
Date: Thu, 2 Jun 2011 13:59:01 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Halo Steve !
I must check onse again. U9 you said, I supouse you are talking about the regulator U5 78L05. I cant find any U9 even if there is higher U numbers on the board or is it apossibility that you did mean the Q9 in the group of three devises named Q7 to 9. i dont think you do i still have to ask so i dont miss any thing.

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2421. Re: [pfr3_group] Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-02 23:31:39 UTC
From: Doug Jackson
Topic: 2383 Message: 2421

As a person who has a family, and a job, and also sells small kits (http://www.dougswordclock.com) - I can understand both sides, but I have to emphasise how important it is to keep people in the loop.

I have small stock levels - (This isn't my day job), and occasionally I run out - then I have to wait a week or two for new stocks to arrive before I can kit up. I used to be really embarrased about it, and try to not tell people that I stuffed up, but that only caused people to worry that they sent money into a big hole.

Now I keep people in the loop, and I find that on the whole they are happier.

Regarding helping people out - I have structured my day into two blocks of time devoted to responding to peoples emails - 7-7.30 in the morning, and 6-6.30 at night - That way I can remain responsive to peoples questions (and actively help them faultfind remotely if needed), and it causes me less stress. I had to get my family to understand the need for the time though - initially, I was seen as 'goofing off at the computer' and it was disruptive - not there is an defined understanding and it is easier.

Balancing all of the competing priorities is tricky.

All of that said, When I ordered my kit (and subsequently a set of poly variable caps), there was not a lot of fedback, but things arrived within a reasonable period. this forum is the *best* place for problem rectification though!

Doug
VK1ZDJ

On Fri, Jun 3, 2011 at 9:06 AM, peter <psmudgett@...> wrote:

>
>
> Jean Paul,
>
> I'm afraid Hendricks is just not someone who understands how important it
> is to communicate with his customers. I find it in very poor taste that he
> apparently never even sends a quick note about the status of a request. I
> bought the PFR-3A and Weber Dual Bander from QRPKITS and have had no
> response or very long delays in receiving parts for both kits. As a first
> time builder (PFR-3A), I also had a few very simple questions regarding
> identification of parts received and never got a response. I'm still waiting
> (over 5 months now) for some kind of response regarding missing parts on the
> WBD. I can only suggest you keep sending him messages about your problem.
> Technical difficulties are best dealt with on this user's group.

>
> Best of luck and 73,
> Peter - KB1PBA
>
> --- In pfr3_group@yahoogroups.com, "ddv22" <f6ddv@...> wrote:
> >
> > Hello everyone
> > Who can tell me if he bought a kit PFR3 short time ago and received the
> package?
> > And also if someone has just finished building a PFR3 recent weeks.
> > I would like to know also if you have any answers to emails you send to
> Doug Hendricks?
> > Good day to all
> > Jean Paul F6DDV
> >
>
>
>

2422. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-03 00:37:26 UTC
From: Steve Smith
Topic: 2386 Message: 2422

I apologize for referencing the incorrect circuit symbol as I had the REV B.2 manual open which is for the PFR3 (no suffix) radio and is labeled "U9". Dale is of course correct; the regulator in the PFR3A is "U5".

73.......Steve Smith WB6TNL

Please note: message attached

From: Dale Putnam <daleputnam@...>

I think it is U5 on some of the schematics, and mislabeled on others as U9... Or correctly labeled for that particular radio version.

2423. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-03 01:45:58 UTC
From: OllySteed@aol.com
Topic: 2386 Message: 2423

Steve,
Your forgiven and Dale gets a big ATTA BOY for his part:-)
BOB
AF2Q

In a message dated 6/2/2011 9:39:48 P.M. Atlantic Daylight Time,
sigcom@... writes:

I apologize for referencing the incorrect circuit symbol as I had the REV
B.2 manual open which is for the PFR3 (no suffix) radio and is labeled
"U9". Dale is of course correct; the regulator in the PFR3A is "U5".

73.......Steve Smith WB6TNL

2424. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-03 02:56:09 UTC
From: daleputnam@hotmail.com
Topic: 2386 Message: 2424

Shucks Steve, if we had a buck for everytime that ever happened, I'd bet we'd not be worried about the cost of the next kit. No harm no foul.
Have a great day,
Dale - WC7S

-----Original Message-----
From: OllySteed@...
Sender: pfr3_group@yahoogroups.com
Date: Thu, 2 Jun 2011 21:45:58
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3 troubble.

Steve,
Your forgiven and Dale gets a big ATTA BOY for his part:-)
BOB
AF2Q

In a message dated 6/2/2011 9:39:48 P.M. Atlantic Daylight Time,
sigcom@... writes:

I apologize for referencing the incorrect circuit symbol as I had the REV
B.2 manual open which is for the PFR3 (no suffix) radio and is labeled
"U9". Dale is of course correct; the regulator in the PFR3A is "U5".

73.......Steve Smith WB6TNL

2425. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-03 06:58:34 UTC
From: Christer Andersson
Topic: 2386 Message: 2425

Hi Steve !
You don´t have to apologize for anything. Just wanted to double check before i did my next move in this matter.
Thanks for the good support from you and everybody here in the group.

73 de SM4LRA / Christer

_____
From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, June 3, 2011 2:37:26 AM
Subject: RE: [pfr3_group] PFR3 troubble.

I apologize for referencing the incorrect circuit symbol as I had the REV B.2 manual open which is for the PFR3 (no suffix) radio and is labeled "U9". Dale is of course correct; the regulator in the PFR3A is "U5".

73.......Steve Smith WB6TNL

Please note: message attached

From: Dale Putnam <daleputnam@...>

I think it is U5 on some of the schematics, and mislabeled on others as U9... Or correctly labeled for that particular radio version.

2426. Re: [pfr3_group] Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-03 10:14:55 UTC
From: f6ddv
Topic: 2383 Message: 2426

Hi Peter
My head is too hard, and I do not always understand the translation ...
But after a while, after talking with friends on the list, I think I understood it right, it's useless to harass Doug
with technical issues, doug is the boss of the company but his specialty is not 100% technique and responses to problems.
I read it must ask the technical support and more specifically to one who invented the pfr3 is clearly marked, Steve Weber KD1JV.
Or some of the OMs list or the employee who is specialized to respond to technical problems.
Tell me if, here, from France, I understand or not?
73s
Jean paul F6DDV

----- Original Message -----
From: peter
To: pfr3_group@yahoogroups.com
Sent: Friday, June 03, 2011 1:06 AM
Subject: [pfr3_group] Re: kit PFR3

Jean Paul,

I'm afraid Hendricks is just not someone who understands how important it is to communicate with his customers. I find it in very poor taste that he apparently never even sends a quick note about the status of a request. I bought the PFR-3A and Weber Dual Bander from QRPKITS and have had no response or very long delays in receiving parts for both kits. As a first time builder (PFR-3A), I also had a few very simple questions regarding identification of parts received and never got a response. I'm still waiting (over 5 months now) for some kind of response regarding missing parts on the WBD. I can only suggest you keep sending him messages about your problem. Technical difficulties are best dealt with on this user's group.

Best of luck and 73,
Peter - KB1PBA

--- In pfr3_group@yahoogroups.com, "ddv22" <f6ddv@...> wrote:
>
> Hello everyone
> Who can tell me if he bought a kit PFR3 short time ago and received the package?
> And also if someone has just finished building a PFR3 recent weeks.
> I would like to know also if you have any answers to emails you send to Doug Hendricks?
> Good day to all
> Jean Paul F6DDV
>

2427. RE: [pfr3_group] Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-03 12:43:24 UTC
From: Dale Putnam
Topic: 2383 Message: 2427

Yes, you understand, JP, very well.
Every radio has its good points, and some radios have some not so good features.
And sometimes is very much if you like one or the other.
For me, it isn't a big difference, however, I prefer KD1JV designs.
I've said that if a builder has a problem with a KD1JV design, like the AT series, or the PFR3, I'll repair it, or finish building it, or simply build it, if the owner can't. And this extends to
the Elecraft radios too. If the owner can't - handicapped or simply can't.. I'll build/repair the radio for free. They just get to pay the shipping.
We, the amateur radio community, have such good radios available as kits, that do such a good job, that no one should be lacking of having one, if they want one enough to buy it.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Fri, 3 Jun 2011 12:14:55 +0200
Subject: Re: [pfr3_group] Re: kit PFR3

Hi Peter
My head is too hard, and I do not always understand the translation ...
But after a while, after talking with friends on the list, I think I understood it right, it's useless to harass Doug
with technical issues, doug is the boss of the company but his specialty is not 100% technique and responses to problems.
I read it must ask the technical support and more specifically to one who invented the pfr3 is clearly marked, Steve Weber KD1JV.
Or some of the OMs list or the employee who is specialized to respond to technical problems.
Tell me if, here, from France, I understand or not?
73s
Jean paul F6DDV

----- Original Message -----
From: peter
To: pfr3_group@yahoogroups.com
Sent: Friday, June 03, 2011 1:06 AM
Subject: [pfr3_group] Re: kit PFR3

Jean Paul,

I'm afraid Hendricks is just not someone who understands how important it is to communicate with his customers. I find it in very poor taste that he apparently never even sends a quick note about the status of a request. I bought the PFR-3A and Weber Dual Bander from QRPKITS and have had no response or very long delays in receiving parts for both kits. As a

first time builder (PFR-3A), I also had a few very simple questions regarding identification of parts received and never got a response. I'm still waiting (over 5 months now) for some kind of response regarding missing parts on the WBD. I can only suggest you keep sending him messages about your problem. Technical difficulties are best dealt with on this user's group.

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Peter - KB1PBA

--- In pfr3_group@yahoogroups.com, "ddv22" <f6ddv@...> wrote:
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> Hello everyone
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> I would like to know also if you have any answers to emails you send to Doug Hendricks?
> Good day to all
> Jean Paul F6DDV
>

2428. Re: [pfr3_group] Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-03 13:28:14 UTC
From: John Flynn
Topic: 2383 Message: 2428

As a new licensee who's been considering one of these kits as a first-time project, this is no encouragement. I'll look elsewhere. I've been down this road with custom instrument makers, and it's very frustrating.Too bad, eh?

~John KK4BOB

On Thu, Jun 2, 2011 at 7:06 PM, peter <psmudgett@...t> wrote:

>
>
> Jean Paul,
>
> I'm afraid Hendricks is just not someone who understands how important it
> is to communicate with his customers. I find it in very poor taste that he
> apparently never even sends a quick note about the status of a request. I
> bought the PFR-3A and Weber Dual Bander from QRPKITS and have had no
> response or very long delays in receiving parts for both kits. As a first
> time builder (PFR-3A), I also had a few very simple questions regarding
> identification of parts received and never got a response. I'm still waiting
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> Best of luck and 73,
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> > Good day to all
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> >
>
>
>

--
John Flynn
Tallahassee, Florida
USA

2429. RE: [pfr3_group] Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-03 13:40:25 UTC
From: Dale Putnam
Topic: 2383 Message: 2429

Hi John, and others,
If the delay or lack of perceived customer service is causing a problem, let me offer another alternative, If you want this kit, and are prepared to buy it, contact me directly, and arrangements will be made. If you are building it for the first time, then you don't need to be worried about if you will get it or not. IF you can't build it, then I will, and you'll get a finished radio, professionally built, and spec'd with standards traceable to NIST.
Don't let what someone has perceived, cause you to be without a good radio.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: gio.flynn@...
Date: Fri, 3 Jun 2011 09:28:14 -0400
Subject: Re: [pfr3_group] Re: kit PFR3

As a new licensee who's been considering one of these kits as a first-time project, this is no encouragement. I'll look elsewhere. I've been down this road with custom instrument makers, and it's very frustrating.Too bad, eh?

~John KK4BOB

On Thu, Jun 2, 2011 at 7:06 PM, peter <psmudgett@...> wrote:

Jean Paul,

I'm afraid Hendricks is just not someone who understands how important it is to communicate with his customers. I find it in very poor taste that he apparently never even sends a quick note about the status of a request. I bought the PFR-3A and Weber Dual Bander from QRPKITS and have had no response or very long delays in receiving parts for both kits. As a first time builder (PFR-3A), I also had a few very simple questions regarding identification of parts received and never got a response. I'm still waiting (over 5 months now) for some kind of response regarding missing parts on the WBD. I can only suggest you keep sending him messages about your problem. Technical difficulties are best dealt with on this user's group.

Best of luck and 73,
Peter - KB1PBA

--- In pfr3_group@yahoogroups.com, "ddv22" <f6ddv@...> wrote:
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> Hello everyone
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> And also if someone has just finished building a PFR3 recent weeks.
> I would like to know also if you have any answers to emails you send to Doug Hendricks?
> Good day to all
> Jean Paul F6DDV

>

--
John Flynn
Tallahassee, Florida
USA

2430. Re: [pfr3_group] Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-03 13:47:20 UTC
From: Mike Malone
Topic: 2383 Message: 2430

I would not let that fear sway you John. This forum group is a great source
of
technical assistance and the designer himself (Steve KD1JV) is very
responsive
as well. I don't know I would recommend this rig for a first project
though. I would
consider something simpler. Ham Can from 4 States QRP is a simple
transceiver
that would teach you all the basic skills necessary to build this. Or maybe
one
of the QRP-ME kits. The PFR 3 is a very high performance for the buck rig,
I
would not throw it out of consideration.

Mike KD5KXF

On Fri, Jun 3, 2011 at 8:28 AM, John Flynn <gio.flynn@gmail.com> wrote:

>
>
> As a new licensee who's been considering one of these kits as a first-time
> project, this is no encouragement. I'll look elsewhere. I've been down this
> road with custom instrument makers, and it's very frustrating.Too bad, eh?
>
> ~John KK4BOB
>
> On Thu, Jun 2, 2011 at 7:06 PM, peter <psmudgett@...> wrote:
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>> Jean Paul,
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>> I'm afraid Hendricks is just not someone who understands how important it
>> is to communicate with his customers. I find it in very poor taste that he
>> apparently never even sends a quick note about the status of a request. I
>> bought the PFR-3A and Weber Dual Bander from QRPKITS and have had no
>> response or very long delays in receiving parts for both kits. As a first
>> time builder (PFR-3A), I also had a few very simple questions regarding
>> identification of parts received and never got a response. I'm still waiting
>> (over 5 months now) for some kind of response regarding missing parts on the
>> WBD. I can only suggest you keep sending him messages about your problem.
>> Technical difficulties are best dealt with on this user's group.
>>
>> Best of luck and 73,
>> Peter - KB1PBA
>>

>>
>> --- In pfr3_group@yahoogroups.com, "ddv22" <f6ddv@...> wrote:
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>> Doug Hendricks?
>> > Good day to all
>> > Jean Paul F6DDV
>> >
>>
>>
>
>
> --
> John Flynn
> Tallahassee, Florida
> USA
>
>
>

2431. Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-03 13:50:40 UTC
From: DavidHigdon
Topic: 2383 Message: 2431

Just a bit from me.. I was at Dayton and was able to spend some time talking to Doug. I could not have been happier with my experience. He walked me through a few questions about construction technique and I am happy to say a very helpful guy.
My experience with orders from all my kits has never been the same as ordering from HRO and getting next day delivery. I don't expect that, knowing most everyone is doing this as a hobby business. But there are plenty of folks around here more than willing to lend a hand. Go ahead and give it a try, I'm enjoying mine. No reason you shouldn't either.

Dave Higdon KD4ICT

--- In pfr3_group@yahoogroups.com, John Flynn <gio.flynn@...> wrote:
>
> As a new licensee who's been considering one of these kits as a first-time
> project, this is no encouragement. I'll look elsewhere. I've been down this
> road with custom instrument makers, and it's very frustrating.Too bad, eh?
>

2432. Re: [pfr3_group] Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-03 14:03:37 UTC
From: Carey Magee (K2RNY)
Topic: 2383 Message: 2432

Hi:

Been reading this thread with interest. I actually was in the same boat when I ordered mine. New ham (3 years into the hobby after being out of it for 30 years), little build experience (again, rusty) and no parts bin to speak of.

I bought the PFR-3A as an opportunity to resharpen my skills and when there were a few parts missing, restock my parts bins. I took a lot of time building this. Made sure everything went well and used this forum to understand issues and answer my questions.

I can happily say things worked out great. This kit brought me into QRP, got my kit building skills re-honed, torroid winding skills started and helped to supply my parts bin. I totally can understand a busy schedule. I honestly feel that if a part is missing from a kit and it is something you can readily get, hey, go out and get one if you can. Get 2 and have one as a spare.

Thanks to all for your help just from posting to this forum and thanks to Steve and Doug and all the others behind QRPKits.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

----- "John Flynn" <gio.flynn@gmail.com> wrote:

As a new licensee who's been considering one of these kits as a first-time project, this is no encouragement. I'll look elsewhere. I've been down this road with custom instrument makers, and it's very frustrating.Too bad, eh?

~John KK4BOB

On Thu, Jun 2, 2011 at 7:06 PM, peter < psmudgett@... > wrote:

Jean Paul,

I'm afraid Hendricks is just not someone who understands how important it is to communicate with his customers. I find it in very poor taste that he apparently never even sends a quick note about the status of a request. I bought the PFR-3A and Weber Dual Bander from QRPKITS and have had no response or very long delays in receiving parts for both kits. As a first time builder (PFR-3A), I also had a few very simple questions regarding identification of parts received and never got a response. I'm still waiting (over 5 months now) for some kind of response regarding missing parts on the WBD. I can only suggest you keep sending him messages about your problem. Technical difficulties are best dealt with on this user's group.

Best of luck and 73,
Peter - KB1PBA

--- In pfr3_group@yahoogroups.com , "ddv22" <f6ddv@...> wrote:
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> Hello everyone
> Who can tell me if he bought a kit PFR3 short time ago and received the package?
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> I would like to know also if you have any answers to emails you send to Doug Hendricks?
> Good day to all
> Jean Paul F6DDV
>

--
John Flynn
Tallahassee, Florida
USA

2433. Re: [pfr3_group] Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-03 15:44:34 UTC
From: Lee Mairs (SAG)
Topic: 2383 Message: 2433

You will be making a big mistake. Doug Hendricks has always been straight up and honest with me, and the PFR-3 is an excellent kit . (I still am looking for the time to assemble mine!)
73 de Lee
KM4YY
Romney, WV

On 6/3/2011 9:28 AM, John Flynn wrote:
>
>
> As a new licensee who's been considering one of these kits as a first-time
> project, this is no encouragement. I'll look elsewhere. I've been down
> this road with custom instrument makers, and it's very frustrating.Too
> bad, eh?
> ~John KK4BOB
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> <mailto:psmudgett@...>> wrote:
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> Jean Paul,
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> I'm afraid Hendricks is just not someone who understands how important
> it is to communicate with his customers. I find it in very poor taste
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> Best of luck and 73,
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> --- In pfr3_group@yahoogroups.com
> <mailto:pfr3_group%40yahoogroups.com>, "ddv22" <f6ddv@...> wrote:
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>
>
>
>
> --
> John Flynn
> Tallahassee, Florida
> USA
>
>
>

2434. Re: [pfr3_group] Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-03 16:54:41 UTC
From: Steve Smith
Topic: 2383 Message: 2434

Hello John,

Well, that's a shame because you will be missing out on a wonderful radio. There is more than enough of a support system in this Group to help with most any problem notwithstanding possible any potential communication problems with QRPKits.

If you've had success in the past assembling electronic kits with through-hole parts and toroidal inductors then I would expect you'd have no problems successfully assembling a PFR3A.

73.......Steve Smith WB6TNL

From: John Flynn <gio.flynn@...>

As a new licensee who's been considering one of these kits as a first-time project, this is no encouragement. I'll look elsewhere. I've been down this road with custom instrument makers, and it's very frustrating.Too bad, eh?

~John KK4BOB

2435. Re: [pfr3_group] Re: kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-03 17:15:31 UTC
From: f6ddv
Topic: 2383 Message: 2435

Hello everyone
I think we should calm down and think that a person can not do more work than 12 hours per day.
It also needs lots of quiet, if health does not go well.
I think I already answered this.
I only asked a question about who has already ordered by what happens later
but I have never been criticism against the seller or its employees.
I think it is very clear.
Now, I had answers, and my reaction was to order the prf3, and without knowing how long I waited, so it means I confience.
Other problems other than technical and joke a bit are not interesting, I think so
73s to all
Jean Paul F6DDV

----- Original Message -----
From: John Flynn
To: pfr3_group@yahoogroups.com
Sent: Friday, June 03, 2011 3:28 PM
Subject: Re: [pfr3_group] Re: kit PFR3

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On Thu, Jun 2, 2011 at 7:06 PM, peter <psmudgett@...> wrote:

Jean Paul,

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> Hello everyone
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> And also if someone has just finished building a PFR3 recent weeks.
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> Good day to all
> Jean Paul F6DDV
>

--
John Flynn
Tallahassee, Florida
USA

2436. wonderful radio, have patience

Yahoo group: pfr3_group
Date: 2011-06-03 18:42:14 UTC
From: lahagar1@aol.com
Topic: 2383 Message: 2436

John, and others:

My PFR-3A kit had missing and incorrect parts. Yes, it took longer to procure all the parts than I had expected, but Doug replied to my requests and supplied every part needed.

In my opinion, any parts delay is entirely inconsequential when compared to this little gem of a radio kit!

The PFR-3A was very fun and easy to build. It is a solid PLL VFO performer. There is virtually no alignment needed. It has a GREAT built-in ATU and an internal keyer. It runs for hours on 8 AA batteries and is sold at a very reasonable price for a 3-band transceiver!

It's a wonderful radio, have patience and you will be rewarded with a kit building experience you will treasure forever, and a fine Steven Weber designed QRP rig to boot!

See you guys on 40/30/20 this weekend!!

73,
Lynn
NG9D
-----Original Message-----
From: John Flynn <gio.flynn@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, Jun 3, 2011 8:28 am
Subject: Re: [pfr3_group] Re: kit PFR3

As a new licensee who's been considering one of these kits as a first-time project, this is no encouragement. I'll look elsewhere. I've been down this road with custom instrument makers, and it's very frustrating.Too bad, eh?

~John KK4BOB

On Thu, Jun 2, 2011 at 7:06 PM, peter <psmudgett@...> wrote:

Jean Paul,

I'm afraid Hendricks is just not someone who understands how important it is to communicate with his customers. I find it in very poor taste that he apparently never even sends a quick note about the status of a request. I bought the PFR-3A and Weber Dual Bander from QRPKITS and have had no response or very long delays in receiving parts for both kits. As a first time builder (PFR-3A), I also had a few very simple questions regarding identification of parts received and never got a response. I'm still waiting (over 5 months now) for some kind of response regarding missing parts on the WBD. I can only suggest you keep sending him messages about your problem. Technical difficulties are best dealt with on this user's group.

Best of luck and 73,
Peter - KB1PBA

--- In pfr3_group@yahoogroups.com, "ddv22" <f6ddv@...> wrote:
>
> Hello everyone
> Who can tell me if he bought a kit PFR3 short time ago and received the package?
> And also if someone has just finished building a PFR3 recent weeks.
> I would like to know also if you have any answers to emails you send to Doug Hendricks?
> Good day to all
> Jean Paul F6DDV
>

--
John Flynn
Tallahassee, Florida
USA

2437. PFR3 Kit

Yahoo group: pfr3_group
Date: 2011-06-04 05:53:36 UTC
From: lee
Topic: 2383 Message: 2437

A friend of mine got me to order and build a PFR3 for him. (I don’t own one myself, but wish I did own one). (I ordered the kit from QRP Kits, yesterday. Of course I have not yet received it.
Having some free time this evening I decided to download the manual which shows it was last updated 3/01/2010. (That’s over a year ago). I decided then to familiarize myself with the manual which I then did. After that, I decided to look over the PARTS LIST. Having looked at it, it struck me odd the list does list the hardware but no mention of a case (top or bottom or the screws holding the top and bottom). It has no mention of the two sets of decals which I have heard are within the kit and there is no mention of the two battery holders which are described in the manual as to how they are installed. Why is this?
After realizing the above, I started to question what else should be on this PARTS LIST which are not included? I would think the kit has been out long enough to be more accurate then this and everything within a kit should be listed on the PARTS LIST. Am I the first person noticing these errors? It bothers me, as I plan to check all the parts prior to the build for any missing parts. I now don’t feel comfortable the PARTS LIST is accurate. What else should be listed on the PARTS LIST which are not on the list?
That said, the manual does otherwise look good.
Lee, w0vt

2438. Re: [pfr3_group] PFR3 Kit

Yahoo group: pfr3_group
Date: 2011-06-04 06:05:23 UTC
From: OllySteed@aol.com
Topic: 2383 Message: 2438

Lee,
The radio only has 1 set of battery holders.
It holds 8 AA size batteries.
Not enough room to get another 8 AA holder inside.
I always use a 5 amp external battery for longer 5 watt output so i'm not to worried about the internal pack.
I use those for listening.
BOB
AF2Q

In a message dated 6/4/2011 2:53:56 A.M. Atlantic Daylight Time, pulsarxp@... writes:

which I have heard are within the kit and there is no mention of the two battery holders which are described in the manual as to how they are installed. Why is this?

2439. Re: [pfr3_group] PFR3 Kit

Yahoo group: pfr3_group
Date: 2011-06-04 06:18:56 UTC
From: lee
Topic: 2383 Message: 2439

The manual tells you to mount BOTH battery holders which hold 4 batteries each and then they are wired in series to give you 12 volts using 8 batteries. (4 batteries in each of the two holders). I consider a “set” to mean two battery holders. My problem is not with the holders, but the fact they are not listed on the PARTS MANUAL making the list inaccurate.

Lee, w0vt

Lee,
The radio only has 1 set of battery holders.
It holds 8 AA size batteries.
Not enough room to get another 8 AA holder inside.
I always use a 5 amp external battery for longer 5 watt output so i'm not to worried about the internal pack.
I use those for listening.
BOB
AF2Q

2440. Re: [pfr3_group] PFR3 Kit

Yahoo group: pfr3_group
Date: 2011-06-04 06:27:50 UTC
From: OllySteed@aol.com
Topic: 2383 Message: 2440

Lee,
I have a battery holder that holds 8 AA cells.
But don't worry about it because I have 3 FT 817 rigs,2 FT 857D rigs and an IC 7000
Even my new HT the manual has errors
I went nuts trying to program on rig only to find that the manual never said 1 button had to be held in for at least 2 seconds.
No one else has a problem so wait until the kit arrives and any questions will be answered here.
BOB
AF2Q

In a message dated 6/4/2011 3:19:01 A.M. Atlantic Daylight Time, pulsarxp@... writes:

The manual tells you to mount BOTH battery holders which hold 4 batteries each and then they are wired in series to give you 12 volts using 8 batteries. (4 batteries in each of the two holders). I consider a “set” to mean two battery holders. My problem is not with the holders, but the fact they are not listed on the PARTS MANUAL making the list inaccurate.

Lee, w0vt

2441. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-04 10:11:25 UTC
From: Christer Andersson
Topic: 2386 Message: 2441

Hi Dale !
I´m not to familiar with FET transistors but I did a check with an ohm meter. First with with one leed connected to minus och the external power jack and then directly over the devises testing both ways ithe the ohm meter, the results were about the same. To ground : drain abt. 280ohms, Sourse 0 Ohms. and Gate 1,5 ohms.
The resistance on the gate looks a bit low to me but could the output of U8 produce such a result?
and 280 ohm on the drain ?? Do please comment on that. And there is of course the diod D7 that could be broken but then it should be about 0 ohms over it.
I wait for your comment before i warm up the soldering iron.

73 de SM4LRA / Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, June 3, 2011 1:07:40 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Yes, Steve was referring to the regulator. But before you swap it, maybe a check on the output of the regulator would give more information?
I think it is U5 on some of the schematics, and mislabeled on others as U9... Or correctly labeled for that particular radio version.
  The Q7-9 should be the finals, those would be the ones that I was considering possibly being shorted... and a check with an ohmmeter, would tell that, in circuit.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Thu, 2 Jun 2011 13:59:01 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Halo Steve !
I must check onse again. U9 you said, I supouse you are talking about the regulator U5 78L05. I cant find any U9 even if there is higher U numbers on the board or is it apossibility that you did mean the Q9 in the group of three devises named Q7 to 9. i dont think you do i still have to ask so i dont miss any thing.

Best regards Christer

From: Steve Smith <sigcom@...>

To: pfr3_group@...m
Sent: Thu, June 2, 2011 8:52:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hello Christer,

I suspect a defective 78L05 regulator, U9. If the finals were shorted, I would expect that the input to U9 would pull down lower than 10 Volts. 10 Volts is plenty of overhead for U9 to function properly.

Having said that, Dale probably has more experience with the PFR3 than anyone except Steve Weber so, as he says, "It will be interesting to see as this unfolds".

Best of luck with your troubleshooting.

73.......Steve Smith WB6TNL

From: Dale Putnam <daleputnam@...>

It appears to be a short in the tx.. suspect finals most. But you already are headed there. Should be able to find that short with an ohmeter with no power applied. It will be interesting to see as this unfolds,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...

Hi Steve and Dale!
Did my testing on my dumy load and my troubbles developed further.
The reseiver works well and every other funktion on the four buttons like up and down rit and so on but, when i did key down the sidetone rise for about two seconds and then the radio simly shut down.
As its still in the case just did few measuments . when i started it up again the RX works again and the 5 V regulator turns out 5V. then when i hit the key the thing turns of instantly and the regulator givs some 3,8V and holding. It is reset by cuting the power. The input on the regulator drops slightly from 10.17 to 10V.
It Puzzels me what can draw so much current after the stabilizer. next get it out of the case .

73 de SM4LRA / Christer

2442. Re: [pfr3_group] PFR3 Kit

Yahoo group: pfr3_group
Date: 2011-06-04 13:42:39 UTC
From: f6ddv
Topic: 2383 Message: 2442

Hello friends list
An idea:
I have used batteries for many years flying model of 5 amps LiPo cells in 3 and 4
(4, only the HB-1A supports, no one else wants 18v!)
I must find a solution MOS switching regulator that does not heat the pfr3 that does not support more than 12 volts, it concerns me greatly that problem a little embarrassing.
Instead of 1.2 V NiMH cells that do not keep their proper volts, I get cell LiIon pack 3 v PC and 3 packs of 3 V in series of 2200 mA / hr are good for many hours Traffic on Small TRX Deca. and also in the MFJ antenna analyzer.
But you need a special charger, attention is very dangerous, it could explode ... (use a special charger, nothing else!) but otherwise the load remains well and they are very effective, they must sort out and control them in the battery packs PC declared defective, but half are still often very good, and this without spending money.
Some chargers for rechargeable batteries which are all aero model with built cheap in China or elsewhere.
I am very happy with this choice, and I do not want cell NIMH who are worse than the old NICD.
73s
Jean-paul F6DDV

----- Original Message -----
From: OllySteed@...
To: pfr3_group@yahoogroups.com
Sent: Saturday, June 04, 2011 8:05 AM
Subject: Re: [pfr3_group] PFR3 Kit

Lee,
The radio only has 1 set of battery holders.
It holds 8 AA size batteries.
Not enough room to get another 8 AA holder inside.
I always use a 5 amp external battery for longer 5 watt output so i'm not to worried about the internal pack.
I use those for listening.
BOB
AF2Q

In a message dated 6/4/2011 2:53:56 A.M. Atlantic Daylight Time, pulsarxp@... writes:
which I have heard are within the kit and there is no mention of the two battery holders which are described in the manual as to how they are installed. Why is this?

2443. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-04 13:49:49 UTC
From: Dale Putnam
Topic: 2386 Message: 2443

Hi Christer,
What does D7 read if you measure directly across it, then reverse the leads?
Do you have replacement FETs? Can you measure across one that isn't on the board?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 03:11:25 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale !
I´m not to familiar with FET transistors but I did a check with an ohm meter. First with with one leed connected to minus och the external power jack and then directly over the devises testing both ways ithe the ohm meter, the results were about the same. To ground : drain abt. 280ohms, Sourse 0 Ohms. and Gate 1,5 ohms.
The resistance on the gate looks a bit low to me but could the output of U8 produce such a result?
and 280 ohm on the drain ?? Do please comment on that. And there is of course the diod D7 that could be broken but then it should be about 0 ohms over it.
I wait for your comment before i warm up the soldering iron.

73 de SM4LRA / Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, June 3, 2011 1:07:40 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Yes, Steve was referring to the regulator. But before you swap it, maybe a check on the output of the regulator would give more information?
I think it is U5 on some of the schematics, and mislabeled on others as U9... Or correctly labeled for that particular radio version.
The Q7-9 should be the finals, those would be the ones that I was considering possibly being shorted... and a check with an ohmmeter, would tell that, in circuit.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...m
Date: Thu, 2 Jun 2011 13:59:01 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Halo Steve !
I must check onse again. U9 you said, I supouse you are talking about the regulator U5 78L05. I cant find any U9 even if there is higher U numbers on the board or is it apossibility that you did mean the Q9 in the group of three devises named Q7 to 9. i dont

think you do i still have to ask so i dont miss any thing.

Best regards Christer

From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 8:52:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hello Christer,

I suspect a defective 78L05 regulator, U9. If the finals were shorted, I would expect that the input to U9 would pull down lower than 10 Volts. 10 Volts is plenty of overhead for U9 to function properly.

Having said that, Dale probably has more experience with the PFR3 than anyone except Steve Weber so, as he says, "It will be interesting to see as this unfolds".

Best of luck with your troubleshooting.

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From: sm4lra@...

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The input on the regulator drops slightly from 10.17 to 10V.
It Puzzels me what can draw so much current after the stabilizer. next get it out of the case .

73 de SM4LRA / Christer

2444. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-04 14:02:19 UTC
From: Christer Andersson
Topic: 2386 Message: 2444

Hi Dale !
272 ohms and 291 the other way. but its still soldered to the board.
should it not read somethin more like 0 ohm one way ?

Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 3:49:49 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
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To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 03:11:25 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

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73 de SM4LRA / Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, June 3, 2011 1:07:40 AM
Subject: RE: [pfr3_group] PFR3 troubble.

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  The Q7-9 should be the finals, those would be the ones that I was considering possibly being shorted... and a check with an ohmmeter, would tell that, in circuit.

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Date: Thu, 2 Jun 2011 13:59:01 -0700
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Best regards Christer

From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 8:52:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

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73 de SM4LRA / Christer

2445. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-04 14:11:10 UTC
From: BOB AF2Q
Topic: 2386 Message: 2445

Clip1 end and check for continuity. You should get a reading one way and nothing the other way. If you get a reading both ways then it is shorted and if no reading both ways then it is open. Bob AF2Q
Former member of the 12 O'clock Skydiving Team

-----Original Message-----
From: Christer Andersson <sm4lra@yahoo.com>
Sender: pfr3_group@yahoogroups.com
Date: Sat, 4 Jun 2011 07:02:19
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale !
272 ohms and 291 the other way. but its still soldered to the board.
should it not read somethin more like 0 ohm one way ?

Christer

_____
From: Dale Putnam <daleputnam@hotmail.com>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 3:49:49 PM
Subject: RE: [pfr3_group] PFR3 troubble.

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Date: Sat, 4 Jun 2011 03:11:25 -0700
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From: Dale Putnam <daleputnam@hotmail.com>
To: pfr3_group@yahoogroups.com
Sent: Fri, June 3, 2011 1:07:40 AM
Subject: RE: [pfr3_group] PFR3 troubble.

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Best regards Christer

From: Steve Smith <sigcom@juno.com>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 8:52:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

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From: sm4lra@yahoo.com

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73 de SM4LRA / Christer

2446. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-04 14:11:04 UTC
From: Dale Putnam
Topic: 2386 Message: 2446

Hi Christer,
That doesn't seem quite right. What is the meter you are using to measure with?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 07:02:19 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale !
272 ohms and 291 the other way. but its still soldered to the board.
should it not read somethin more like 0 ohm one way ?

Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 3:49:49 PM
Subject: RE: [pfr3_group] PFR3 troubble.

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From: sm4lra@...
Date: Sat, 4 Jun 2011 03:11:25 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

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From: Dale Putnam <daleputnam@hotmail.com>
To: pfr3_group@yahoogroups.com
Sent: Fri, June 3, 2011 1:07:40 AM

Subject: RE: [pfr3_group] PFR3 troubble.

Yes, Steve was referring to the regulator. But before you swap it, maybe a check on the output of the regulator would give more information?
I think it is U5 on some of the schematics, and mislabeled on others as U9... Or correctly labeled for that particular radio version.
The Q7-9 should be the finals, those would be the ones that I was considering possibly being shorted... and a check with an ohmmeter, would tell that, in circuit.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Thu, 2 Jun 2011 13:59:01 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Halo Steve !
I must check onse again. U9 you said, I supouse you are talking about the regulator U5 78L05. I cant find any U9 even if there is higher U numbers on the board or is it apossibility that you did mean the Q9 in the group of three devises named Q7 to 9. i dont think you do i still have to ask so i dont miss any thing.

Best regards Christer

From: Steve Smith <sigcom@juno.com>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 8:52:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hello Christer,

I suspect a defective 78L05 regulator, U9. If the finals were shorted, I would expect that the input to U9 would pull down lower than 10 Volts. 10 Volts is plenty of overhead for U9 to function properly.

Having said that, Dale probably has more experience with the PFR3 than anyone except Steve Weber so, as he says, "It will be interesting to see as this unfolds".

Best of luck with your troubleshooting.

73.......Steve Smith WB6TNL

From: Dale Putnam <daleputnam@...>

It appears to be a short in the tx.. suspect finals most. But you already are headed there. Should be able to find that short with an ohmeter with no power applied. It will be interesting to see as this unfolds,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...

Hi Steve and Dale!
Did my testing on my dumy load and my troubbles developed further.
The reseiver works well and every other funktion on the four buttons like up and down rit and so on but, when i did key down the sidetone rise for about two seconds and then the radio simly shut down.
As its still in the case just did few measuments . when i started it up again the RX works again and the 5 V regulator turns out 5V. then when i hit the key the thing turns of instantly and the regulator givs some 3,8V and holding. It is reset by cuting the power.
The input on the regulator drops slightly from 10.17 to 10V.
It Puzzels me what can draw so much current after the stabilizer. next get it out of the case .

73 de SM4LRA / Christer

2447. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-04 14:40:07 UTC
From: Christer Andersson
Topic: 2386 Message: 2447

Hi Dale!
Im using a sort of standard multimeter Meterman 35XP with a 9V battery.
I guess I have reach the point to warm up my solder iron. and get the PC board out of the case.

De Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 4:11:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
  That doesn't seem quite right. What is the meter you are using to measure with?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 07:02:19 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale !
272 ohms and 291 the other way. but its still soldered to the board.
should it not read somethin more like 0 ohm one way ?

Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 3:49:49 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
  What does D7 read if you measure directly across it, then reverse the leads? Do you have replacement FETs? Can you measure across one that isn't on the board?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 03:11:25 -0700

Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale !
I´m not to familiar with FET transistors but I did a check with an ohm meter. First with with one leed connected to minus och the external power jack and then directly over the devises testing both ways ithe the ohm meter, the results were about the same. To ground : drain abt. 280ohms, Sourse 0 Ohms. and Gate 1,5 ohms.
The resistance on the gate looks a bit low to me but could the output of U8 produce such a result?
and 280 ohm on the drain ?? Do please comment on that. And there is of course the diod D7 that could be broken but then it should be about 0 ohms over it.
I wait for your comment before i warm up the soldering iron.

73 de SM4LRA / Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, June 3, 2011 1:07:40 AM
Subject: RE: [pfr3_group] PFR3 troubble.

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I think it is U5 on some of the schematics, and mislabeled on others as U9... Or correctly labeled for that particular radio version.
  The Q7-9 should be the finals, those would be the ones that I was considering possibly being shorted... and a check with an ohmmeter, would tell that, in circuit.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@yahoo.com
Date: Thu, 2 Jun 2011 13:59:01 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

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Best regards Christer

From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 8:52:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

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I suspect a defective 78L05 regulator, U9. If the finals were shorted, I would expect that the input to U9 would pull down lower than 10 Volts. 10 Volts is plenty of overhead for U9 to function properly.

Having said that, Dale probably has more experience with the PFR3 than anyone except Steve Weber so, as he says, "It will be interesting to see as this unfolds".

Best of luck with your troubleshooting.

73.......Steve Smith WB6TNL

From: Dale Putnam <daleputnam@...>

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From: sm4lra@...

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As its still in the case just did few measuments . when i started it up again the RX works again and the 5 V regulator turns out 5V. then when i hit the key the thing turns of instantly and the regulator givs some 3,8V and holding. It is reset by cuting the power. The input on the regulator drops slightly from 10.17 to 10V.
It Puzzels me what can draw so much current after the stabilizer. next get it out of the case .

73 de SM4LRA / Christer

2448. Re: [pfr3_group] PFR3 Kit

Yahoo group: pfr3_group
Date: 2011-06-04 21:35:48 UTC
From: lahagar1@aol.com
Topic: 2383 Message: 2448

Hi Lee,

You won't have any problem. The 3/1/10 instructions for the 3A are very clear. I think the only other part that might not be on the list is the DPDT antenna toggle switch. The battery holder, page 16, and DPDT antenna switch p.15 are installed without any drama. I think every other part was on the list. Anyway, all parts including the case, its screws, the battery holder and that toggle switch are clearly explained in the directions. Here is my video record of the complete kit building process:

1) INVENTORY : Probably goes without saying, but the first thing one should do when beginning the kit is segregating and identifying every part.
http://www.youtube.com/watch?v=0y5LtFsCdhs

2) RECEIVER ASSEMBLY: when assembling, I recommend marking each one in the sequence of parts installation with a highlighter as it is installed. I also made an 11x17 enlargement of the placement diagram (page 4) and highlighted each one as I installed it.
http://www.youtube.com/watch?v=2aZYegVjMhI&feature=watch_response

3) TRANSMITTER ASSEMBLY: You will find this kit very well documented and easy to build.
http://www.youtube.com/watch?v=wJs2iYGd-VA

4) OPERATION: I found that simply following the instrcutions resulted in a fun to use QRP transceiver! Here is the first QSO after I finished the kit:
http://www.youtube.com/watch?v=hUJiK9eQ0K0&feature=related

Have fun building this wonderful kit, and let us all know how it goes for you!

73,
Lynn
NG9D

-----Original Message-----
From: lee <pulsarxp@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Jun 4, 2011 12:53 am
Subject: [pfr3_group] PFR3 Kit

A friend of mine got me to order and build a PFR3 for him. (I don’t own one myself, but wish I did own one). (I ordered the kit from QRP Kits, yesterday. Of course I have not yet received it.

Having some free time this evening I decided to download the manual which shows it was last updated 3/01/2010. (That’s over a year ago). I decided then to familiarize myself with the manual which I then did. After that, I decided to look over the PARTS LIST. Having looked at it, it struck me odd the list does list the hardware but no mention of a case (top or bottom or the screws holding the top and bottom). It has no mention of the two sets of decals which I have heard are within the kit and there is no mention of the two battery

holders which are described in the manual as to how they are installed. Why is this?

After realizing the above, I started to question what else should be on this PARTS LIST which are not included? I would think the kit has been out long enough to be more accurate then this and everything within a kit should be listed on the PARTS LIST. Am I the first person noticing these errors? It bothers me, as I plan to check all the parts prior to the build for any missing parts. I now don’t feel comfortable the PARTS LIST is accurate. What else should be listed on the PARTS LIST which are not on the list?

That said, the manual does otherwise look good.

Lee, w0vt

2449. Re: [pfr3_group] PFR3 Kit

Yahoo group: pfr3_group
Date: 2011-06-05 00:50:42 UTC
From: lee
Topic: 2383 Message: 2449

Hi Lynn,

Very nice videos. Looks like a nice rig. I’m looking forward to receiving the kit and getting started.

Lee, w0vt

Hi Lee,

You won't have any problem. The 3/1/10 instructions for the 3A are very clear. I think the only other part that might not be on the list is the DPDT antenna toggle switch. The battery holder, page 16, and DPDT antenna switch p.15 are installed without any drama. I think every other part was on the list. Anyway, all parts including the case, its screws, the battery holder and that toggle switch are clearly explained in the directions. Here is my video record of the complete kit building process:

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3) TRANSMITTER ASSEMBLY: You will find this kit very well documented and easy to build.
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4) OPERATION: I found that simply following the instrcutions resulted in a fun to use QRP transceiver! Here is the first QSO after I finished the kit:
http://www.youtube.com/watch?v=hUJiK9eQ0K0&feature=related

2450. Re: [pfr3_group] PFR3 Kit

Yahoo group: pfr3_group
Date: 2011-06-05 01:38:57 UTC
From: Rockinghorse Winner
Topic: 2383 Message: 2450

On Sat, Jun 04, 2011 at 02:27:50AM -0400, OllySteed@... wrote:
>
> Lee,
> I have a battery holder that holds 8 AA cells.
> But don't worry about it because I have 3 FT 817 rigs,2 FT 857D rigs and an
> IC 7000
> Even my new HT the manual has errors
> I went nuts trying to program on rig only to find that the manual never
> said 1 button had to be held in for at least 2 seconds.
> No one else has a problem so wait until the kit arrives and any questions
> will be answered here.
> BOB
> AF2Q
>

It's a real kit, it requires some skill and knowledge to complete it successfully. Still, not what you could call a 'hard' kit. The design is a proven one. That single conversion superhet is a hot receiver. There are plenty of 'experts' here who will do everything to help the newbie, up to and including building the darn thing for them!

If money wasn't tight I'd get one myself, but finances and a lack of time to do the mountain topping I have in mind are holding me off. I hope it stays in production for a while. :)

>
>

--
Terry
ny6p01@...

2451. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-05 01:53:19 UTC
From: Rockinghorse Winner
Topic: 2383 Message: 2451

On Thu, Jun 02, 2011 at 10:08:59AM -0400, ckwishmeier@... wrote:
>
> Hay Guys,
>
> Give the guy a break. He just did Dayton which takes weeks to prepare for,
> then weeks to recover and catch up. These guys hand pack these kits. It
> takes time and patience. Every one of these kits is a gem and worth the
> wait. I bought my PFR-3A kit last year at Dayton. It was short two small
> parts. I sent an email to Doug, then started the kit. The parts arrived
> before I really needed them. This is one fantastic QRP transceiver.
>

Plus, remember, guys, that the big ham radio companies (except for Ten Tec) can't really be bothered with low cost QRP kits, so the price for their abandonment of that sector is having to deal with small companies with low overhead and small staff willing to take the time and trouble (probably with not a huge profit margin) to make and pack these wonderful kits for those of us not knowledgeable or ambitious enough to build one from scratch.

We should all be doing everything to encourage these efforts. I know customer relations may get the short end of the stick in these basement operations, but let's just take these things with some humor, good will, and in the spirit of camaraderie, ok?

--
Terry
ny6p01@...

2452. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-05 03:48:52 UTC
From: Dale Putnam
Topic: 2386 Message: 2452

Hi Christer,
Thatn DMM will be fine, I'd think, so, I'd take out one end of the diode, that just isn't right....test it with just one end out, that will decide if you need to continue with it, or move to the finals.
I'll do some checking here too, be back with you by 1600z today,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 07:40:07 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale!
Im using a sort of standard multimeter Meterman 35XP with a 9V battery.
I guess I have reach the point to warm up my solder iron. and get the PC board out of the case.

De Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 4:11:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
That doesn't seem quite right. What is the meter you are using to measure with?

--... ...-- Dale - WC7S in Wy

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From: sm4lra@...
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272 ohms and 291 the other way. but its still soldered to the board.
should it not read somethin more like 0 ohm one way ?

Christer

From: Dale Putnam <daleputnam@hotmail.com>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 3:49:49 PM
Subject: RE: [pfr3_group] PFR3 troubble.

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Do you have replacement FETs? Can you measure across one that isn't on the board?

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To: pfr3_group@yahoogroups.com
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I wait for your comment before i warm up the soldering iron.

73 de SM4LRA / Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, June 3, 2011 1:07:40 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Yes, Steve was referring to the regulator. But before you swap it, maybe a check on the output of the regulator would give more information?
I think it is U5 on some of the schematics, and mislabeled on others as U9... Or correctly labeled for that particular radio version.
The Q7-9 should be the finals, those would be the ones that I was considering possibly being shorted... and a check with an ohmmeter, would tell that, in circuit.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
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Date: Thu, 2 Jun 2011 13:59:01 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

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Best regards Christer

From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 8:52:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

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Having said that, Dale probably has more experience with the PFR3 than anyone except Steve Weber so, as he says, "It will be interesting to see as this unfolds".

Best of luck with your troubleshooting.

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To: pfr3_group@yahoogroups.com
From: sm4lra@yahoo.com

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The reseiver works well and every other funktion on the four buttons like up and down rit and so on but, when i did key down the sidetone rise for about two seconds and then the radio simly shut down.
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It Puzzels me what can draw so much current after the stabilizer. next get it out of the case .

73 de SM4LRA / Christer

2453. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-05 04:36:07 UTC
From: OllySteed@aol.com
Topic: 2386 Message: 2453

I told him to do that this morning.
I find your answerer here to be a bit confusing.
First you say take out one end of the diode,that just isn't right then you go on to tell him to test it with one end out.
I see that you snipped off my response to him.
I said something that was not correct?
BOB
AF2Q

In a message dated 6/5/2011 1:13:24 A.M. Atlantic Daylight Time, daleputnam@... writes:

Hi Christer,
Thatn DMM will be fine, I'd think, so, I'd take out one end of the diode, that just isn't right....test it with just one end out, that will decide if you need to continue with it, or move to the finals.
I'll do some checking here too, be back with you by 1600z today,

--... ...-- Dale - WC7S in Wy

2454. PFR3 and Solar power

Yahoo group: pfr3_group
Date: 2011-06-05 05:04:40 UTC
From: lee
Topic: 2383 Message: 2454

I know a lot of you guys have probably done this but I have not. That is, it would be great to maybe have a 7 amp 12 volt gel cell being charged by a 10 watt solar panel and controller, thus running the PFR-3A totally off of solar power. I'm not a "take it to the field guy", but I guess you could do this too. It just seems like the power draw of a PFR-3 would be perfect with a 7 amp gel cell, and a 10 watt solar panel with controller when you consider receive vs transmit times. The combination of the above 4 items seems like a good match to me. It would be hard to run out of power this way, the way I operate.
I see QRP Kits sells a Dan Tayloe Battery Status Indicator kit BSI for $15.00. This might be a great addition to the above.
Lee, w0vt

2455. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-05 05:09:21 UTC
From: lee
Topic: 2386 Message: 2455

Bob,

He is telling him to remove one leg of the diode and then test the diode this way. Since one leg is removed, the diode will be checked without interference or stray or weird readings from the circuit in which the diode is located if left totally within the circuit.

Lee, w0vt

I told him to do that this morning.
I find your answerer here to be a bit confusing.
First you say take out one end of the diode,that just isn't right then you go on to tell him to test it with one end out.
I see that you snipped off my response to him.
I said something that was not correct?
BOB
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In a message dated 6/5/2011 1:13:24 A.M. Atlantic Daylight Time, daleputnam@hotmail.com writes:
Hi Christer,
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2456. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-05 05:24:38 UTC
From: OllySteed@aol.com
Topic: 2386 Message: 2456

Hi Lee,
Yes I told that person to do just that early this morning.
That is the only way to tell for sure if it's good or bad.
BOB
AF2Q

In a message dated 6/5/2011 2:09:30 A.M. Atlantic Daylight Time,
pulsarxp@... writes:

Bob,

He is telling him to remove one leg of the diode and then test the diode
this way. Since one leg is removed, the diode will be checked without
interference or stray or weird readings from the circuit in which the diode is
located if left totally within the circuit.

Lee, w0vt

2457. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-05 05:26:40 UTC
From: lee
Topic: 2386 Message: 2457

OK, good.

Lee

From: OllySteed@...
Sent: Sunday, June 05, 2011 12:24 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Lee,
Yes I told that person to do just that early this morning.
That is the only way to tell for sure if it's good or bad.
BOB
AF2Q

2458. Re: [pfr3_group] PFR3 and Solar power

Yahoo group: pfr3_group
Date: 2011-06-05 05:39:10 UTC
From: OllySteed@aol.com
Topic: 2383 Message: 2458

Lee,
I have that in my rig but this one never changes color even when battery power is only giving me just under 1 watt.
Another disadvantage is that I have a nice perfect size case with a snap on top.
I wrap the rig in a nice soft cloth but that push button on the side gets pushed in when the case is on it's side and the light stays on.
Some times just wrapping that soft cloth to tight will hold the button in.
A small slide switch would have been better or mount the button on top of the rig where all other things are mounted.
I really can live without is since I only use a nice small 4 AMP Jell type battery that will give me 5 watts all day long.
BOB
AF2Q

In a message dated 6/5/2011 2:04:59 A.M. Atlantic Daylight Time, pulsarxp@... writes:

I see QRP Kits sells a Dan Tayloe Battery Status Indicator kit BSI for $15.00. This might be a great addition to the above.

Lee, w0vt

2459. Re: [pfr3_group] PFR3 and Solar power

Yahoo group: pfr3_group
Date: 2011-06-05 05:49:19 UTC
From: lee
Topic: 2383 Message: 2459

OK, Bob. I see the Tayloe Battery Indicator is adjustable for the three color voltage settings. Maybe you need to adjust your unit so this works. OK on other stuff. I have used a 7 amp 12 volt Gel Cell for years. In fact I replaced then one I was using recently. The old one was used on my QRP rigs for years. I bought an automatic smart 1 1/2 amp charger from Wall Mart I use to keep it “topped off”. It seems to work great. Howver, I’d rather charge the thing with solar power. I am thinking of doing this soon.

Lee, w0vt

Lee,
I have that in my rig but this one never changes color even when battery power is only giving me just under 1 watt.
Another disadvantage is that I have a nice perfect size case with a snap on top.
I wrap the rig in a nice soft cloth but that push button on the side gets pushed in when the case is on it's side and the light stays on.
Some times just wrapping that soft cloth to tight will hold the button in.
A small slide switch would have been better or mount the button on top of the rig where all other things are mounted.
I really can live without is since I only use a nice small 4 AMP Jell type battery that will give me 5 watts all day long.
BOB
AF2Q

In a message dated 6/5/2011 2:04:59 A.M. Atlantic Daylight Time, pulsarxp@... writes:
I see QRP Kits sells a Dan Tayloe Battery Status Indicator kit BSI for $15.00. This might be a great addition to the above.

Lee, w0vt

2460. Re: [pfr3_group] PFR3 Kit

Yahoo group: pfr3_group
Date: 2011-06-05 09:01:34 UTC
From: f6ddv
Topic: 2383 Message: 2460

Hi Lynn

This page really well with a group of useful shortcuts.
I do not know whether it existed or if you built it, but it would be good, that the seller in the same way
a very complete with videos and detailed pictures, even if made by buyers took the time to take pictures at each stage of construction.
It's a big job that needs patience, a big thank you because many people build kits perfectly but do not take time for friends.
And the person, like you, who gathers the information needed a page to be thanked in the same way.
I put a lot of years to realize myself that my small accomplishments with pictures at each stage could be very valuable.
To do this it took me to see me even videos of people who will make expeditions, which explain and also build kits or antennas.
This is a priceless is exactly what drives a ham radio a bit "sleepy" to start in testing and construction.
73s
Jean-paul F6DDV

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Saturday, June 04, 2011 11:35 PM
Subject: Re: [pfr3_group] PFR3 Kit

Hi Lee,
You won't have any problem. The 3/1/10 instructions for the 3A are very clear. I think the only other part that might not be on the list is the DPDT antenna toggle switch. The battery holder, page 16, and DPDT antenna switch p.15 are installed without any drama. I think every other part was on the list. Anyway, all parts including the case, its screws, the battery holder and that toggle switch are clearly explained in the directions. Here is my video record of the complete kit building process:

1) INVENTORY : Probably goes without saying, but the first thing one should do when beginning the kit is segregating and identifying every part.
http://www.youtube.com/watch?v=0y5LtFsCdhs

2) RECEIVER ASSEMBLY: when assembling, I recommend marking each one in the sequence of parts installation with a highlighter as it is installed. I also made an 11x17 enlargement of the placement diagram (page 4) and highlighted each one as I installed it.
http://www.youtube.com/watch?v=2aZYegVjMhI&feature=watch_response

3) TRANSMITTER ASSEMBLY: You will find this kit very well documented and easy to build.
http://www.youtube.com/watch?v=wJs2iYGd-VA

4) OPERATION: I found that simply following the instrcutions resulted in a fun to use QRP transceiver! Here is the first QSO after I finished the kit:
http://www.youtube.com/watch?v=hUJiK9eQ0K0&feature=related

Have fun building this wonderful kit, and let us all know how it goes for you!

73,
Lynn
NG9D

-----Original Message-----
From: lee <pulsarxp@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Jun 4, 2011 12:53 am
Subject: [pfr3_group] PFR3 Kit

A friend of mine got me to order and build a PFR3 for him. (I don’t own one myself, but wish I did own one). (I ordered the kit from QRP Kits, yesterday. Of course I have not yet received it.

Having some free time this evening I decided to download the manual which shows it was last updated 3/01/2010. (That’s over a year ago). I decided then to familiarize myself with the manual which I then did. After that, I decided to look over the PARTS LIST. Having looked at it, it struck me odd the list does list the hardware but no mention of a case (top or bottom or the screws holding the top and bottom). It has no mention of the two sets of decals which I have heard are within the kit and there is no mention of the two battery holders which are described in the manual as to how they are installed. Why is this?

After realizing the above, I started to question what else should be on this PARTS LIST which are not included? I would think the kit has been out long enough to be more accurate then this and everything within a kit should be listed on the PARTS LIST. Am I the first person noticing these errors? It bothers me, as I plan to check all the parts prior to the build for any missing parts. I now don’t feel comfortable the PARTS LIST is accurate. What else should be listed on the PARTS LIST which are not on the list?

That said, the manual does otherwise look good.

Lee, w0vt

2461. Re: [pfr3_group] kit PFR3

Yahoo group: pfr3_group
Date: 2011-06-05 09:19:09 UTC
From: f6ddv
Topic: 2383 Message: 2461

Hello everyone
All this is true, I would give a board can be easy, but I also have the experience to give ...
Maybe it is good to show in a few group photos or videos, people in this business in preparation work, work PC for mail, and many other situations ...
The result of this very small loss of time is extraordinary.
I think that friends should advise Doug kindly on this, because what may seem a bit pointless film gives a good idea of the business, customers love to see OM people and place or to leave their kits.
We are far from the technique can be with what I say, but in the same way it takes a lot of photos and video montages, we also promote the people's business.
I did not invent anything about it, I just learned ...
73s
Jean-Paul F6DDV

From: Rockinghorse Winner
To: pfr3_group@yahoogroups.com
Sent: Sunday, June 05, 2011 3:53 AM
Subject: Re: [pfr3_group] kit PFR3

On Thu, Jun 02, 2011 at 10:08:59AM -0400, ckwishmeier@... wrote:
>
> Hay Guys,
>
> Give the guy a break. He just did Dayton which takes weeks to prepare for,
> then weeks to recover and catch up. These guys hand pack these kits. It
> takes time and patience. Every one of these kits is a gem and worth the
> wait. I bought my PFR-3A kit last year at Dayton. It was short two small
> parts. I sent an email to Doug, then started the kit. The parts arrived
> before I really needed them. This is one fantastic QRP transceiver.
>

Plus, remember, guys, that the big ham radio companies (except for Ten Tec) can't really be bothered with low cost QRP kits, so the price for their abandonment of that sector is having to deal with small companies with low overhead and small staff willing to take the time and trouble (probably with not a huge profit margin) to make and pack these wonderful kits for those of us not knowledgeable or ambitious enough to build one from scratch.

We should all be doing everything to encourage these efforts. I know customer relations may get the short end of the stick in these basement operations, but let's just take these things with some humor, good will, and in the spirit of camaraderie, ok?

--
Terry

ny6p01@...

2462. Re: [pfr3_group] PFR3 and Solar power

Yahoo group: pfr3_group
Date: 2011-06-05 12:50:19 UTC
From: f6ddv
Topic: 2383 Message: 2462

Hi Lee and other friends from the list
It is interesting to give ideas, I do think that some QRP ham radio do so, but perhaps not much ... here in the western part of France the sun is well known but not as strong as the U.S. may be, but the wind is also interesting, a little wind sensor SAVONIUS such as a sheet of metal shaped "S"between two discs on a small generator volts may be interesting, too, the problem is: not so easy to transport than the solar panel.
Solar panels are still quite expensive
The problem of regulating the charging of the battery is not easy to build or own.
Is interesting for all these things put a seller's web link to friends as we found a kit or parts of interest to the QRP ham radio
73s

----- Original Message -----
From: lee
To: pfr3_group@yahoogroups.com
Sent: Sunday, June 05, 2011 7:04 AM
Subject: [pfr3_group] PFR3 and Solar power

I know a lot of you guys have probably done this but I have not. That is, it would be great to maybe have a 7 amp 12 volt gel cell being charged by a 10 watt solar panel and controller, thus running the PFR-3A totally off of solar power. I’m not a “take it to the field guy”, but I guess you could do this too. It just seems like the power draw of a PFR-3 would be perfect with a 7 amp gel cell, and a 10 watt solar panel with controller when you consider receive vs transmit times. The combination of the above 4 items seems like a good match to me. It would be hard to run out of power this way, the way I operate.

I see QRP Kits sells a Dan Tayloe Battery Status Indicator kit BSI for $15.00. This might be a great addition to the above.

Lee, w0vt

2463. Re: [pfr3_group] PFR3 Kit

Yahoo group: pfr3_group
Date: 2011-06-05 12:52:08 UTC
From: lahagar1@aol.com
Topic: 2383 Message: 2463

Jean-paul,

Cela a été très gentil à vous de dire, et vous êtes les bienvenus. (That was very kind of you to say, and you are very welcome.)

Oui, les vidéos peuvent être plus de motivation ou d'inspiration de l'éducation. (Yes, the videos may be more motivational or inspirational than educational.)

Il ya beaucoup d'amis ici sur le groupe Yahoo PFR3 pour aider avec des questions techniques. (There are many friends here on the Yahoo PFR3 group to help with technical questions.)

Doug est bienvenu pour un lien vers mes vidéos. Je vais devoir lui écrire. (Doug is welcome to link to my videos. I will have to write to him.)

Je pense que nous devrions tous être heureux que de telles offres Doug belle kits QRP, et je le remercie pour ça! (I think we should all be happy that Doug offers such nice QRP kits, and thank him for that!)

73,
Lynn
NG9D

-----Original Message-----
From: f6ddv <f6ddv@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, Jun 5, 2011 4:01 am
Subject: Re: [pfr3_group] PFR3 Kit

☐
Hi Lynn

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I do not know whether it existed or if you built it, but it would be good, that the seller in the same way
a very complete with videos and detailed pictures, even if made by buyers took the time to take pictures at each stage of construction.
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Sent: Saturday, June 04, 2011 11:35 PM
Subject: Re: [pfr3_group] PFR3 Kit

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From: lee <pulsarxp@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, Jun 4, 2011 12:53 am
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Lee, w0vt

2464. Re: [pfr3_group] PFR3 and Solar power

Yahoo group: pfr3_group
Date: 2011-06-05 13:17:35 UTC
From: OllySteed@aol.com
Topic: 2383 Message: 2464

Hi Jean,
I don't think that device will even begin to turn a generator
I started p;aying around with the bike generator that was sort of small but
the bike had 26 inch wheels on it and I had to ride at medium speed for
decent lighting.
Just a nice slow coast only lit up the front and rear lights to a dim glow.
I think you would need 3,000 RPM to get a good voltage for charging.
I have some small DC motors here for my electric helicopters but even if
they did put out enough voltage I don't think they would last long since the
application is now making voltage and not using voltage but a few years ago
I made a very nice wind speed generator from one.
So far I have not seen a small wind driven generator.
BOB
AF2Q

In a message dated 6/5/2011 9:50:45 A.M. Atlantic Daylight Time,
f6ddv@... writes:

☐

Hi Lee and other friends from the list
It is interesting to give ideas, I do think that some QRP ham radio do so,
but perhaps not much ... here in the western part of France the sun is well
known but not as strong as the U.S. may be, but the wind is also
interesting, a little wind sensor SAVONIUS such as a sheet of metal shaped "S"between
two discs on a small generator volts may be interesting, too, the problem
is: not so easy to transport than the solar panel.
Solar panels are still quite expensive
The problem of regulating the charging of the battery is not easy to build
or own.
Is interesting for all these things put a seller's web link to friends as
we found a kit or parts of interest to the QRP ham radio
73s

2465. Re: [pfr3_group] PFR3 Kit

Yahoo group: pfr3_group
Date: 2011-06-05 15:30:07 UTC
From: f6ddv
Topic: 2383 Message: 2465

Hello again Lynn
It is quite normal to work in this direction because everyone ends up winning this way.
It is obvious that if a professional seller sells good products but did not have time to show its goodwill and its teams to work with images, and also to explain the same way the best way to assemble and fontionne what he sells, some people just pressed will say that nothing is going right ... but it may take a little better analyze what is happening, because small businesses are often best for quality and price.
If you do not mind that we will pay more money in big companies, not necessarily the best after sales service.
It is not difficult to see as examples of small businesses licensed to sell the big sellers ... buyers often see the difference.
So it's not just being nice to help with photos and videos, is also doing the best for everyone is a winner, I think it's simple and effective, and so we reward those who really make an effort.
73s
Jean-paul F6DDV

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, June 05, 2011 2:52 PM
Subject: Re: [pfr3_group] PFR3 Kit

Jean-paul,

Cela a été très gentil à vous de dire, et vous êtes les bienvenus. (That was very kind of you to say, and you are very welcome.)

Oui, les vidéos peuvent être plus de motivation ou d'inspiration de l'éducation. (Yes, the videos may be more motivational or inspirational than educational.)

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73,
Lynn
NG9D
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This is a priceless is exactly what drives a ham radio a bit "sleepy" to start in testing and construction.
73s
Jean-paul F6DDV

2466. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-05 16:03:33 UTC
From: Christer Andersson
Topic: 2386 Message: 2466

Hi Dale !

I get more and more puzzeled, anyway I did remove eg. cut the diod leg on the ground side and lifted it upp. One way I get infinet resistance OK. The other way around i get a couple of MOhm. Could it be burned off ? then it would not drive the curent shuting the radio down on TX.

Then to my surprice measuring on the finals i get
S 0ohm ofcourse.
G 1,4 ohm should it be so low but at least no change.
D about 60 ohms. how come ? it was about 280 before.
This i dont get . Can a Zener diod make this kind of effect?
I dont think so but still...?
Then there is the gate on the finals . shut it be sa low at 1,4ohms.
about 60 ohms on the output ?????

What do you think ?

73 de SM4LRA / Christer

Thank you all for the support.

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, June 5, 2011 5:48:52 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
  Thatn DMM will be fine, I'd think, so, I'd take out one end of the diode, that just isn't right....test it with just one end out, that will decide if you need to continue with it, or move to the finals.
I'll do some checking here too, be back with you by 1600z today,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 07:40:07 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale!
Im using a sort of standard multimeter Meterman 35XP with a 9V battery.
I guess I have reach the point to warm up my solder iron. and get the PC board out of the case.

De Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 4:11:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
  That doesn't seem quite right. What is the meter you are using to measure with?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 07:02:19 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale !
272 ohms and 291 the other way. but its still soldered to the board.
should it not read somethin more like 0 ohm one way ?

Christer

From: Dale Putnam <daleputnam@hotmail.com>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 3:49:49 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
  What does D7 read if you measure directly across it, then reverse the leads? Do you have replacement FETs? Can you measure across one that isn't on the board?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 03:11:25 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale !
I´m not to familiar with FET transistors but I did a check with an ohm meter.
First with with one leed connected to minus och the external power jack and then directly over the devises testing both ways ithe the ohm meter, the results were about the same. To ground : drain abt. 280ohms, Sourse 0 Ohms. and Gate 1,5 ohms.
The resistance on the gate looks a bit low to me but could the output of U8 produce such a result?
and 280 ohm on the drain ?? Do please comment on that. And there is of course the diod D7 that could be broken but then it should be about 0 ohms over it.
I wait for your comment before i warm up the soldering iron.

73 de SM4LRA / Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, June 3, 2011 1:07:40 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Yes, Steve was referring to the regulator. But before you swap it, maybe a check on the output of the regulator would give more information?
I think it is U5 on some of the schematics, and mislabeled on others as U9... Or correctly labeled for that particular radio version.
  The Q7-9 should be the finals, those would be the ones that I was considering possibly being shorted... and a check with an ohmmeter, would tell that, in circuit.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Thu, 2 Jun 2011 13:59:01 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Halo Steve !
I must check onse again. U9 you said, I supouse you are talking about the regulator U5 78L05. I cant find any U9 even if there is higher U numbers on the board or is it apossibility that you did mean the Q9 in the group of three devises named Q7 to 9. i dont think you do i still have to ask so i dont miss any thing.

Best regards Christer

From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 8:52:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hello Christer,

I suspect a defective 78L05 regulator, U9. If the finals were shorted, I would expect that the input to U9 would pull down lower than 10 Volts. 10 Volts is plenty of overhead for U9 to function properly.

Having said that, Dale probably has more experience with the PFR3 than anyone except Steve Weber so, as he says, "It will be interesting to see as this unfolds".

Best of luck with your troubleshooting.

73.......Steve Smith WB6TNL

From: Dale Putnam <daleputnam@...>

It appears to be a short in the tx.. suspect finals most. But you already are headed there. Should be able to find that short with an ohmeter with no power applied. It will be interesting to see as this unfolds,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...

Hi Steve and Dale!
Did my testing on my dumy load and my troubbles developed further.
The reseiver works well and every other funktion on the four buttons like up and down rit and so on but, when i did key down the sidetone rise for about two seconds and then the radio simly shut down.
As its still in the case just did few measuments . when i started it up again the RX works again and the 5 V regulator turns out 5V. then when i hit the key the thing turns of instantly and the regulator givs some 3,8V and holding. It is reset by cuting the power. The input on the regulator drops slightly from 10.17 to 10V.
It Puzzels me what can draw so much current after the stabilizer. next get it out of the case .

73 de SM4LRA / Christer

2467. Re: [pfr3_group] PFR3 and Solar power

Yahoo group: pfr3_group
Date: 2011-06-05 16:16:35 UTC
From: f6ddv
Topic: 2383 Message: 2467

OK Bob
True, it's a technique more diffi we believe at first.
It takes speed directly is difficult because it is limited by the diameter, is a law of the universe HI
Or should a major power in the wind and many multiplications rpm.
You're right, turn quickly to more than 3,000 rpm
The wind sensor horisontal "S"is very powerful as it is a bit wide, but the mechanism is more direct and easier for the amateur builder.
I laugh a little because it put in a backpack to go QRP expedition sounds like a cartoon ... H.I.
There may be small wind sensors kits low power?
73s
JP F6DDV

----- Original Message -----
From: OllySteed@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, June 05, 2011 3:17 PM
Subject: Re: [pfr3_group] PFR3 and Solar power

Hi Jean,
I don't think that device will even begin to turn a generator
I started p;aying around with the bike generator that was sort of small but the bike had 26 inch wheels on it and I had to ride at medium speed for decent lighting.
Just a nice slow coast only lit up the front and rear lights to a dim glow.
I think you would need 3,000 RPM to get a good voltage for charging.
I have some small DC motors here for my electric helicopters but even if they did put out enough voltage I don't think they would last long since the application is now making voltage and not using voltage but a few years ago I made a very nice wind speed generator from one.
So far I have not seen a small wind driven generator.
BOB
AF2Q

In a message dated 6/5/2011 9:50:45 A.M. Atlantic Daylight Time, f6ddv@... writes:
☐
Hi Lee and other friends from the list
It is interesting to give ideas, I do think that some QRP ham radio do so, but perhaps not much ... here in the western part of France the sun is well known but not as strong as the U.S. may be, but the wind is also interesting, a little wind sensor SAVONIUS such as a sheet of metal shaped "S"between two discs on a small generator volts may be interesting, too, the problem is: not so easy to transport than the solar panel.
Solar panels are still quite expensive
The problem of regulating the charging of the battery is not easy to build or own.
Is interesting for all these things put a seller's web link to friends as we found a kit or parts of interest to the QRP ham radio

73s

2468. DC Conector Too Large

Yahoo group: pfr3_group
Date: 2011-06-05 20:21:48 UTC
From: Felipe Barco
Topic: 2468 Message: 2468

Hello,

The DC conector of my kit is too large, which means it won't fit the cabinet.

Is this common? Will I have to sand around the hole to fit?

Thank you!

Felipe
PU2OVA

2469. Re: [pfr3_group] DC Conector Too Large

Yahoo group: pfr3_group
Date: 2011-06-05 20:57:31 UTC
From: Steve Smith
Topic: 2468 Message: 2469

Felipe,

This is usually caused by paint buildup on the circumference of the hole. Light scraping to remove the paint should correct the problem and the connector will fit.

73.......Steve Smith WB6TNL

2470. Re: [pfr3_group] DC Conector Too Large

Yahoo group: pfr3_group
Date: 2011-06-05 20:59:54 UTC
From: Felipe Barco
Topic: 2468 Message: 2470

Alright!

I was afraid to do so, but I`ll try it!

Thank you!!

On Sun, Jun 5, 2011 at 5:57 PM, Steve Smith <sigcom@...> wrote:

>
>
> Felipe,
>
> This is usually caused by paint buildup on the circumference of the hole.
> Light scraping to remove the paint should correct the problem and the
> connector will fit.
>
> 73.......Steve Smith WB6TNL
>
>
>

2471. RE: [pfr3_group] DC Conector Too Large

Yahoo group: pfr3_group
Date: 2011-06-05 21:04:21 UTC
From: Dale Putnam
Topic: 2468 Message: 2471

Hi Guys, Yep, the paint builds up in the hole. Ive taken it out with a hand driven drill bit, and I've seen it taken out with a knife, but all that has to be taken away, is the paint IN the hole. The trick is choose something to take the paint out of the hole, and don't let what ever it is, escape from the hole. If it does escape, a not pretty scratch will appear, and possibly some not nice words. or maybe more words... if the choice of tools is sharp and punctures your skin... in which case, work will terminate, bandaid application will insue, and more not nice words will be spoken. How do I know this? That... my friends.... is a whole nother story....

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sigcom@juno.com
Date: Sun, 5 Jun 2011 20:57:31 +0000
Subject: Re: [pfr3_group] DC Conector Too Large

Felipe,

This is usually caused by paint buildup on the circumference of the hole. Light scraping to remove the paint should correct the problem and the connector will fit.

73.......Steve Smith WB6TNL

2472. Hendricks Deluxe Tenna Dipper Kit

Yahoo group: pfr3_group
Date: 2011-06-05 21:31:17 UTC
From: f6ddv
Topic: 2472 Message: 2472

Hello everyone
Someone bought, built and tested this little device?
may be small and fast to see if they will not torture the PA ! ... H.I.
I wonder if you can not put a small galvanometer needle in parallel with the LED, for better accuracy of 1 / 1 ROS
73s
JP F6DDV

http://www.qrpkits.com/deluxetennadipper.html

2473. Fwd: KI4fd QRV

Yahoo group: pfr3_group
Date: 2011-06-05 21:48:38 UTC
From: Thomas Whatley
Topic: 2473 Message: 2473

*
*
---------- Forwarded message ----------
From: Thomas Whatley <tbone1417@...>
Date: Sun, Jun 5, 2011 at 5:25 PM
Subject: KI4fd QRV
To: pfr3_group@yahoogroups.com

KI4FD will be QRV in Pine Island Sound (120 miles north of Key West)
for a few days on a 20 ft sailboat. Look for me around 14015 . Will be
having fun with My Yellow Box. KI4FD/MM

2474. Re: [pfr3_group] Hendricks Deluxe Tenna Dipper Kit

Yahoo group: pfr3_group
Date: 2011-06-06 01:21:45 UTC
From: Steve Smith
Topic: 2472 Message: 2474

JP,

The bridge circuit in the Deluxe Tenna Dipper is essentially the same as the bridge in the PRF3A. The bridge resistors in the PFR3A provide a proper termination to the source (transmitter) so there is no danger to the PA transistors even under conditions of load mismatch or extended transmit periods during tuning.

Of course, the less time one spends tuning on the air, the better for fellow hams. That is the advantage of the Deluxe Tenna Dipper; it outputs a very low-level signal so as to reduce the possibility of interference to others.

Yes, a meter could be added for an analog indicator. It would not need to be a Galvanometer; a simple mA meter would work. If I were to add it to a PFR3, I'd mount a 3.5mm jack to the back panel with the meter in a small external housing.

73.......Steve Smith WB6TNL

2475. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-06 03:12:27 UTC
From: Dale Putnam
Topic: 2386 Message: 2475

Hi Christer,
The diode checks ok, that would be D7. I'm thinking that the finals may be suspect, and unless you have them all unsoldered, can you measure the voltage on L7? both sides of L7, when you first key it. You should see the keyed 12v appear. If the finals are not seeing a good match or load, then they will go overcurrent, that would draw down the voltage supplied to the two regulators, 5v and 3.5v. If they drop, the uP gets unhappy and resets. So, lets measure the voltage at D5 too, when keyed.
I'll be back about 1200z in the morning.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sun, 5 Jun 2011 09:03:33 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale !

I get more and more puzzeled, anyway I did remove eg. cut the diod leg on the ground side and lifted it upp. One way I get infinet resistance OK. The other way around i get a couple of MOhm. Could it be burned off ? then it would not drive the curent shuting the radio down on TX.
Then to my surprice measuring on the finals i get
S 0ohm ofcourse.
G 1,4 ohm should it be so low but at least no change.
D about 60 ohms. how come ? it was about 280 before.
This i dont get . Can a Zener diod make this kind of effect?
I dont think so but still...?
Then there is the gate on the finals . shut it be sa low at 1,4ohms.
about 60 ohms on the output ?????

What do you think ?

73 de SM4LRA / Christer

Thank you all for the support.

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, June 5, 2011 5:48:52 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
Thatn DMM will be fine, I'd think, so, I'd take out one end of the diode, that just isn't right....test it with just one end out, that will decide if you need to continue with it, or move to the finals.
I'll do some checking here too, be back with you by 1600z today,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 07:40:07 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale!
Im using a sort of standard multimeter Meterman 35XP with a 9V battery.
I guess I have reach the point to warm up my solder iron. and get the PC board out of the case.

De Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 4:11:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
That doesn't seem quite right. What is the meter you are using to measure with?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 07:02:19 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale !
272 ohms and 291 the other way. but its still soldered to the board.
should it not read somethin more like 0 ohm one way ?

Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 3:49:49 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
What does D7 read if you measure directly across it, then reverse the leads?
Do you have replacement FETs? Can you measure across one that isn't on the board?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 03:11:25 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale !
I´m not to familiar with FET transistors but I did a check with an ohm meter. First with with one leed connected to minus och the external power jack and then directly over the devises testing both ways ithe the ohm meter, the results were about the same. To ground :

drain abt. 280ohms, Sourse 0 Ohms. and Gate 1,5 ohms.
The resistance on the gate looks a bit low to me but could the output of U8 produce such a result?
and 280 ohm on the drain ?? Do please comment on that. And there is of course the diod D7 that could be broken but then it should be about 0 ohms over it.
I wait for your comment before i warm up the soldering iron.

73 de SM4LRA / Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, June 3, 2011 1:07:40 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Yes, Steve was referring to the regulator. But before you swap it, maybe a check on the output of the regulator would give more information?
I think it is U5 on some of the schematics, and mislabeled on others as U9... Or correctly labeled for that particular radio version.
The Q7-9 should be the finals, those would be the ones that I was considering possibly being shorted... and a check with an ohmmeter, would tell that, in circuit.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Thu, 2 Jun 2011 13:59:01 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Halo Steve !
I must check onse again. U9 you said, I supouse you are talking about the regulator U5 78L05. I cant find any U9 even if there is higher U numbers on the board or is it apossibility that you did mean the Q9 in the group of three devises named Q7 to 9. i dont think you do i still have to ask so i dont miss any thing.

Best regards Christer

From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 8:52:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hello Christer,

I suspect a defective 78L05 regulator, U9. If the finals were shorted, I would expect that the input to U9 would pull down lower than 10 Volts. 10 Volts is plenty of overhead for U9 to function properly.

Having said that, Dale probably has more experience with the PFR3 than anyone except Steve Weber so, as he says, "It will be interesting to see as this unfolds".

Best of luck with your troubleshooting.

73.......Steve Smith WB6TNL

From: Dale Putnam <daleputnam@...>

It appears to be a short in the tx.. suspect finals most. But you already are headed there. Should be able to find that short with an ohmeter with no power applied. It will be interesting to see as this unfolds,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...m

Hi Steve and Dale!
Did my testing on my dumy load and my troubbles developed further.
The reseiver works well and every other funktion on the four buttons like up and down rit and so on but, when i did key down the sidetone rise for about two seconds and then the radio simly shut down.
As its still in the case just did few measuments . when i started it up again the RX works again and the 5 V regulator turns out 5V. then when i hit the key the thing turns of instantly and the regulator givs some 3,8V and holding. It is reset by cuting the power.
The input on the regulator drops slightly from 10.17 to 10V.
It Puzzels me what can draw so much current after the stabilizer. next get it out of the case .

73 de SM4LRA / Christer

2476. Re: [pfr3_group] Hendricks Deluxe Tenna Dipper Kit

Yahoo group: pfr3_group
Date: 2011-06-06 13:44:10 UTC
From: f6ddv
Topic: 2472 Message: 2476

Yes Steve all OK
This principle is also used in the BLT + and well known.
But this little device is interesting because it is well built and easy to put in your pocket.
I think an integrated circuit with a small group of 5 or more LED would be nice also for a better visu return HF, but it's a bit complicated to +, a tiny s-meter would be nice I suppose, but every little improve the way it naturally, and test during assembly.
The small states on the same frequency and gives a quick idea in a small volume, I am tempted, because the metal case is well and we can finish the installation with the options you want is still a good idea.
I always regret that the tins for DCxxB are no longer sold, I know there is the drawing of the box, but without a bending machine, do as well as small and it is not easy.
73s
JP F6DDV

----- Original Message -----
From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Monday, June 06, 2011 3:21 AM
Subject: Re: [pfr3_group] Hendricks Deluxe Tenna Dipper Kit

JP,

The bridge circuit in the Deluxe Tenna Dipper is essentially the same as the bridge in the PRF3A. The bridge resistors in the PFR3A provide a proper termination to the source (transmitter) so there is no danger to the PA transistors even under conditions of load mismatch or extended transmit periods during tuning.

Of course, the less time one spends tuning on the air, the better for fellow hams. That is the advantage of the Deluxe Tenna Dipper; it outputs a very low-level signal so as to reduce the possibility of interference to others.

Yes, a meter could be added for an analog indicator. It would not need to be a Galvanometer; a simple mA meter would work. If I were to add it to a PFR3, I'd mount a 3.5mm jack to the back panel with the meter in a small external housing.

73.......Steve Smith WB6TNL

2477. PFR-3 arrived today

Yahoo group: pfr3_group
Date: 2011-06-06 20:34:32 UTC
From: Michael
Topic: 2477 Message: 2477

I ordered my PFR-3 and Deluxe Tenna Dipper right about two weeks ago and they showed up in the mailbox today. Should be good to go for Field Day.

Another PFR-3 will be on the air soon...

Mike KD0MEQ

2478. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-06 20:45:02 UTC
From: Christer Andersson
Topic: 2386 Message: 2478

Hi Dale !
I did reconnect D7 .
Then I did measure both sides of D5, L7 and output of regulator U10 and U5 and the legs on Q6 both in RX and TX or at least sort of TX mode.
When I hit the key the processor cuts of instantly the display goes black and the reciever stops to resieve. left in tx or ratehr shut down mode the 5V regulator gets quite hot after a while. I did use the internal battery that produce about 10.4V.

RX Volts. D5 in 10,39V D5 out 10,13V. L7 in and out 0,005V. U10 3,3V.
U5 5,02.

Q6 Sourse 10,06V Drain 0,005V Gate9,95V

TX volts. D5 In 10,31V D5 out 9,98V. L7 in and out 0,023V. U10 2,85V. U5 3,23V
Q6 Sourse 9,98V Drain 0,022V Gate 9,87V

I vill order three BS170 tomorrow and I will get them in a couple days. Any other sugestions you might have given the above results would be nice.

73 de SM4LRA / Christer

From: Dale Putnam <daleputnam@hotmail.com>
To: pfr3_group@yahoogroups.com
Sent: Mon, June 6, 2011 5:12:27 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
  The diode checks ok, that would be D7. I'm thinking that the finals may be suspect, and unless you have them all unsoldered, can you measure the voltage on L7? both sides of L7, when you first key it. You should see the keyed 12v appear. If the finals are not seeing a good match or load, then they will go overcurrent, that would draw down the voltage supplied to the two regulators, 5v and 3.5v. If they drop, the uP gets unhappy and resets.

  So, lets measure the voltage at D5 too, when keyed.
I'll be back about 1200z in the morning.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...m
Date: Sun, 5 Jun 2011 09:03:33 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale !

I get more and more puzzeled, anyway I did remove eg. cut the diod leg on the ground side and lifted it upp. One way I get infinet resistance OK. The other way around i get a couple of MOhm. Could it be burned off ? then it would not drive the curent shuting the radio down on TX.

Then to my surprice measuring on the finals i get
S 0ohm ofcourse.
G 1,4 ohm should it be so low but at least no change.
D about 60 ohms. how come ? it was about 280 before.
This i dont get . Can a Zener diod make this kind of effect?
I dont think so but still...?
Then there is the gate on the finals . shut it be sa low at 1,4ohms.
about 60 ohms on the output ?????

What do you think ?

73 de SM4LRA / Christer

Thank you all for the support.

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sun, June 5, 2011 5:48:52 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
  Thatn DMM will be fine, I'd think, so, I'd take out one end of the diode, that just isn't right....test it with just one end out, that will decide if you need to continue with it, or move to the finals.
I'll do some checking here too, be back with you by 1600z today,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 07:40:07 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale!
Im using a sort of standard multimeter Meterman 35XP with a 9V battery.
I guess I have reach the point to warm up my solder iron. and get the PC board out of the case.

De Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 4:11:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
  That doesn't seem quite right. What is the meter you are using to measure with?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 07:02:19 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

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272 ohms and 291 the other way. but its still soldered to the board.
should it not read somethin more like 0 ohm one way ?

Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 4, 2011 3:49:49 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
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To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Sat, 4 Jun 2011 03:11:25 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

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I wait for your comment before i warm up the soldering iron.

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From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com

Sent: Fri, June 3, 2011 1:07:40 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Yes, Steve was referring to the regulator. But before you swap it, maybe a check on the output of the regulator would give more information?
I think it is U5 on some of the schematics, and mislabeled on others as U9... Or correctly labeled for that particular radio version.
  The Q7-9 should be the finals, those would be the ones that I was considering possibly being shorted... and a check with an ohmmeter, would tell that, in circuit.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Thu, 2 Jun 2011 13:59:01 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Halo Steve !
I must check onse again. U9 you said, I supouse you are talking about the regulator U5 78L05. I cant find any U9 even if there is higher U numbers on the board or is it apossibility that you did mean the Q9 in the group of three devises named Q7 to 9. i dont think you do i still have to ask so i dont miss any thing.

Best regards Christer

From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, June 2, 2011 8:52:04 PM
Subject: RE: [pfr3_group] PFR3 troubble.

Hello Christer,

I suspect a defective 78L05 regulator, U9. If the finals were shorted, I would expect that the input to U9 would pull down lower than 10 Volts. 10 Volts is plenty of overhead for U9 to function properly.

Having said that, Dale probably has more experience with the PFR3 than anyone except Steve Weber so, as he says, "It will be interesting to see as this unfolds".

Best of luck with your troubleshooting.

73.......Steve Smith WB6TNL

From: Dale Putnam <daleputnam@...m>

It appears to be a short in the tx.. suspect finals most. But you already are headed there. Should be able to find that short with an ohmeter with no power applied. It will be interesting to see as this unfolds,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@yahoo.com

Hi Steve and Dale!
Did my testing on my dumy load and my troubbles developed further.
The reseiver works well and every other funktion on the four buttons like up and down rit and so on but, when i did key down the sidetone rise for about two seconds and then the radio simly shut down.
As its still in the case just did few measuments . when i started it up again the RX works again and the 5 V regulator turns out 5V. then when i hit the key the thing turns of instantly and the regulator givs some 3,8V and holding. It is reset by cuting the power. The input on the regulator drops slightly from 10.17 to 10V.
It Puzzels me what can draw so much current after the stabilizer. next get it out of the case .

73 de SM4LRA / Christer

2479. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-06 21:08:11 UTC
From: Steve Smith
Topic: 2386 Message: 2479

Hello Christer,

What is the input voltage to U5 in the TX condition?

73.......Steve Smith WB6TNL

Please note: message attached

From: Christer Andersson <sm4lra@...>
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3 troubble.
Date: Mon, 6 Jun 2011 13:45:02 -0700 (PDT)

TX volts. D5 In 10,31V D5 out 9,98V. L7 in and out 0,023V. U10 2,85V. U5 3,23V
Q6 Sourse 9,98V Drain 0,022V Gate 9,87V

2480. Re: [pfr3_group] Hendricks Deluxe Tenna Dipper Kit

Yahoo group: pfr3_group
Date: 2011-06-06 21:28:45 UTC
From: ckwishmeier@cs.com
Topic: 2472 Message: 2480

Hi guys,

Just finished my Antenna Dipper purchased from Doug at Dayton. It worked the first time and with the exception of the following minor items the instructions were excellent.

Some suggestions:

1. Put resistor color codes in the parts list.

2. The LED for SWR indication did not have a flat side. I suggest adding the line out of the PFR-3A instructions that the long lead is opposite the flat side shown on the circuit board.

3. The instruction to install the base of the LED 1/2 inch from the board should be changed to 1/4 inch to 5/16 inch. An easy way to get this correct is to insert the LED leads into the circuit board, then insert the LED and the circuit board into the case with the LED protruding through the front. Temporarily fasten the board to the case with 2 screws diagonally and solder the leads. You now have a perfect fit.

4. It would be helpful to know the length of #30 wire required to wind the torroid. 51 inches of wire were included with my kit. A 19 inch length works well for 30 turns and 6 inches works well for 5 turns.

Many thanks to Doug and Steve. Well done.

Keith
WA9S

2481. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-06 22:46:16 UTC
From: Christer Andersson
Topic: 2386 Message: 2481

Hi Steve!
The votage on the input on U5 is 9.98V under tx conditons.

73 de SM4LRA / Christer

_____
From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, June 6, 2011 11:08:11 PM
Subject: Re: [pfr3_group] PFR3 troubble.

Hello Christer,

What is the input voltage to U5 in the TX condition?

73.......Steve Smith WB6TNL

Please note: message attached

From: Christer Andersson <sm4lra@yahoo.com>
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3 troubble.
Date: Mon, 6 Jun 2011 13:45:02 -0700 (PDT)

TX volts. D5 In 10,31V D5 out 9,98V. L7 in and out 0,023V. U10 2,85V. U5 3,23V
Q6 Sourse 9,98V Drain 0,022V Gate 9,87V

2482. Re: [pfr3_group] PFR-3 arrived today

Yahoo group: pfr3_group
Date: 2011-06-06 22:58:59 UTC
From: lahagar1@aol.com
Topic: 2477 Message: 2482

Mike, great!

You are in for a real kit building treat! I had my little yellow station-in-a-box on the air from my backyard deck this past weekend. Of all the 20/30/40 meter contacts, my favorite was with a "classic" QRP rig, WB9UDL's Heathkit HW-9!

I couldn't resist recording Steve's audio! http://www.youtube.com/watch?v=7F8SUjiI5Zw

73
Lynn
NG9D

-----Original Message-----
From: Michael <moody.michael@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Jun 6, 2011 3:34 pm
Subject: [pfr3_group] PFR-3 arrived today

I ordered my PFR-3 and Deluxe Tenna Dipper right about two weeks ago and they showed up in the mailbox today. Should be good to go for Field Day.

Another PFR-3 will be on the air soon...

Mike KD0MEQ

2483. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-06 23:15:37 UTC
From: Dale Putnam
Topic: 2386 Message: 2483

Hi Christer,
If you were to insert a milliameter, in series with L7, and key the tx, what does that read for current?
If I have this right, the whole radio shuts down when you key it, right?
So, if you lift one end of L7, and leave it open, then key it, does the radio shut down?
If not, but it does when L7 is connected, that will be a huge leap of progress.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Mon, 6 Jun 2011 15:46:16 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Steve!
The votage on the input on U5 is 9.98V under tx conditons.

73 de SM4LRA / Christer

From: Steve Smith <sigcom@juno.com>
To: pfr3_group@yahoogroups.com
Sent: Mon, June 6, 2011 11:08:11 PM
Subject: Re: [pfr3_group] PFR3 troubble.

Hello Christer,

What is the input voltage to U5 in the TX condition?

73.......Steve Smith WB6TNL

Please note: message attached

From: Christer Andersson <sm4lra@...>
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3 troubble.
Date: Mon, 6 Jun 2011 13:45:02 -0700 (PDT)

TX volts. D5 In 10,31V D5 out 9,98V. L7 in and out 0,023V. U10 2,85V. U5 3,23V
Q6 Sourse 9,98V Drain 0,022V Gate 9,87V

2484. Fwd: [pfr3_group] Hendricks Deluxe Tenna Dipper Kit

Yahoo group: pfr3_group
Date: 2011-06-06 23:37:28 UTC
From: ckwishmeier@cs.com
Topic: 2472 Message: 2484

-----Original Message-----
From: ckwishmeier <ckwishmeier@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Jun 6, 2011 5:28 pm
Subject: Re: [pfr3_group] Hendricks Deluxe Tenna Dipper Kit

Hi guys,

Just finished my Antenna Dipper purchased from Doug at Dayton. It worked the first time and with the exception of the following minor items the instructions were excellent.

Some suggestions:

1. Put resistor color codes in the parts list.

2. The LED for SWR indication did not have a flat side. I suggest adding the line out of the PFR-3A instructions that the long lead is opposite the flat side shown on the circuit board.

3. The instruction to install the base of the LED 1/2 inch from the board should be changed to 1/4 inch to 5/16 inch. An easy way to get this correct is to insert the LED leads into the circuit board, then insert the LED and the circuit board into the case with the LED protruding through the front. Temporarily fasten the board to the case with 2 screws diagonally and solder the leads. You now have a perfect fit.

4. It would be helpful to know the length of #30 wire required to wind the torroid. 51 inches of wire were included with my kit. A 19 inch length works well for 30 turns and 6 inches works well for 5 turns.

Many thanks to Doug and Steve. Well done.

Keith
WA9S

2485. Re: [pfr3_group] PFR-3 arrived today

Yahoo group: pfr3_group
Date: 2011-06-07 02:11:16 UTC
From: lee
Topic: 2477 Message: 2485

I mentioned earlier I am going to build a PFR-3A for a friend and I have been studying the manual and specs on the thing. I've come to the conclusion this is a very very nice radio for the money. It covers the three most popular CW bands, has an honest 5 watts output, is fairly small, memory keyer, and has a nice receiver with full 3 band coverage. That's pretty nice for $240.
I have a lot of interests in communications and electronics mostly in amateur radio, but I am also interested in tube audio equipment and am building up an eight EL-34 amp right now. I have a big interest in QRP rigs as well as glow bug rigs, boat anchors, Collins, Drake (Paraset reproduction, Philmore NT-200 reproduction, and Ameco AC-1 reproduction) and others just to mention a few. I have a RCA BTA-1R2 1 KW AM broadcast transmitter I need to restore as we speak. I own a SX-88, Collins KW-1 and many more other pretty rare radios. I won't go into details as my XYL might read this. I don't even want to think what I have invested in radios. I am not bragging but just trying to make a point. My interest in QRP is mainly with CW rigs but there are some exceptions such as Dave Benson's RETRO 75. I have almost zero interest in buying a $1200 QRP rig with add ons to take it to 100 watts or want SSB and AM on the thing. Sure, I'd take a rig like this if offered for peanuts but that is not going to happen. I'm sure this new radio everyone is talking about will work great and sell well. I certainly could afford buying a radio like this if I really wanted one, but I would never use it at 100 watts and never use it on voice with any voice mode. I have plenty of rigs doing all that right now, even in a small case such as my FT-857D. I surely don't begrudge anyone wanting a do it all QRP radio with add ons hanging everywhere but this type rig is not for me. No, a fairly simple 3 band, digital display 5 watt QRP rig with a memory keyer is right up my alley. The PFR-3A will do 99.9% of the things I would like a QRP rig to do and all for around $240. Why spend $1200 plus for a rig with features I will never use which I do use on other none QRP rigs?

I've been licensed since 1953 and can tell you I still get bigger thrills out of using some small 2 or 3 transistor transmitter with a small direct conversion receiver then I ever do running some big bucks radio. Bigger is not necessarily better! There is something to say about KISS (keep it simple stupid). Couple your PFR-3A to a solar powered supply and the magic will commence riding your magic carpet!
You guys with PFR-3A rigs are not as dumb as you look! I would say you are at the genius level. You made a very wise choice.
Lee, w0vt
Houston, Texas

2486. Re: [pfr3_group] PFR-3 arrived today

Yahoo group: pfr3_group
Date: 2011-06-07 02:23:15 UTC
From: ckwishmeier@cs.com
Topic: 2477 Message: 2486

Lee,

I think you will find this little radio even better than you imagine. The only real challange for me was winding the torroids. I am 63 and have a bit of the old hand shaking problem.The internal antenna tuner will tune almost anything made of metal as long as one has patience. Yesterday I finished Steve Webbers Tenna Dipper. It worked the first time and is giving me the same results as my MFJ259 analyzer. Have a great time.

Keith
WA9S

-----Original Message-----
From: lee <pulsarxp@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Jun 6, 2011 10:11 pm
Subject: Re: [pfr3_group] PFR-3 arrived today

I mentioned earlier I am going to build a PFR-3A for a friend and I have been studying the manual and specs on the thing. I've come to the conclusion this is a very very nice radio for the money. It covers the three most popular CW bands, has an honest 5 watts output, is fairly small, memory keyer, and has a nice receiver with full 3 band coverage. That's pretty nice for $240.

I have a lot of interests in communications and electronics mostly in amateur radio, but I am also interested in tube audio equipment and am building up an eight EL-34 amp right now. I have a big interest in QRP rigs as well as glow bug rigs, boat anchors, Collins, Drake (Paraset reproduction, Philmore NT-200 reproduction, and Ameco AC-1 reproduction) and others just to mention a few. I have a RCA BTA-1R2 1 KW AM broadcast transmitter I need to restore as we speak. I own a SX-88, Collins KW-1 and many more other pretty rare radios. I won't go into details as my XYL might read this. I don't even want to think what I have invested in radios. I am not bragging but just trying to make a point. My interest in QRP is mainly with CW rigs but there are some exceptions such as Dave Benson's RETRO 75. I have almost zero interest in buying a $1200 QRP rig with add ons to take it to 100 watts or want SSB and AM on the thing. Sure, I'd take a rig like this if offered for peanuts but that is not going to happen. I'm sure this new radio everyone is talking about will work great and sell well. I certainly could afford buying a radio like this if I really wanted one, but I would never use it at 100 watts and never use it on voice with any voice mode. I have plenty of rigs doing all that right now, even in a small case such as my FT-857D. I surely don't begrudge anyone wanting a do it all QRP radio with add ons hanging everywhere but this type rig is not for me. No, a fairly simple 3 band, digital display 5 watt QRP rig with a memory keyer is right up my alley. The PFR-3A will do 99.9% of the things I would like a QRP rig to do and all for around $240. Why spend $1200 plus for a rig with features I will never use which I do use on other none QRP rigs?

I've been licensed since 1953 and can tell you I still get bigger thrills out of using some small 2 or 3 transistor transmitter with a small direct conversion receiver then I ever do

running some big bucks radio. Bigger is not necessarily better! There is something to say about KISS (keep it simple stupid). Couple your PFR-3A to a solar powered supply and the magic will commence riding your magic carpet!

You guys with PFR-3A rigs are not as dumb as you look! I would say you are at the genius level. You made a very wise choice.

Lee, w0vt

Houston, Texas

2487. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-07 05:30:25 UTC
From: Steve Smith
Topic: 2386 Message: 2487

Hi Dale,

I think I see where you're going with this; finals drawing -way- to much current causing a power transient at the input to U5 causing it to glitch? Have you ever seen a 78L05 latch up like that on a transient? And why would it get hot? It's obviously U5 causing the uP to hiccup. Other than something going -way- wrong w/ U8 I can't see anything else causing the problem.

73.......Steve Smith WB6TNL

2488. Re: [pfr3_group] PFR-3 arrived today

Yahoo group: pfr3_group
Date: 2011-06-07 07:59:44 UTC
From: Carlo Strozzi
Topic: 2477 Message: 2488

On Mon, Jun 06, 2011 at 09:11:16PM -0500, lee wrote:
(...)
> trying to make a point. My interest in QRP is mainly with CW rigs but
> there are some exceptions such as Dave Benson’s RETRO 75. I have
> almost zero interest in buying a $1200 QRP rig with add ons to take
> it to 100 watts or want SSB and AM on the thing. Sure, I’d take a
> rig like this if offered for peanuts but that is not going to happen.

Lee,

I think I know what you mean, and I share your view :-) In fact I
would probably not buy it even if it came for peanuts. If I wanted
a computer with as few knobs than I've already got plenty of them,
just need to add the knobs :-)

Let the flames begin ...

72/73 de Carlo

--
Software Patents kill Innovation: say NO to Software Patents!
I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2489. Re: [pfr3_group] PFR-3 arrived today

Yahoo group: pfr3_group
Date: 2011-06-07 09:50:06 UTC
From: f6ddv
Topic: 2477 Message: 2489
Attachments: 1 described; binary payloads are missing from this source WARC

Hello to all *
It is not possible, I dream?
The Transceiver is yellow, but yellow is also symmetrical line ... H.I.!
Now we must absolutely buy a can of paint to paint the table and garden chair in yellow ...
H.I.
73s to all
JP F6DDV

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, June 07, 2011 12:58 AM
Subject: Re: [pfr3_group] PFR-3 arrived today

Mike, great!

You are in for a real kit building treat! I had my little yellow station-in-a-box on the air from my backyard deck this past weekend. Of all the 20/30/40 meter contacts, my favorite was with a "classic" QRP rig, WB9UDL's Heathkit HW-9!

I couldn't resist recording Steve's audio! http://www.youtube.com/watch?v=7F8SUjiI5Zw

73
Lynn
NG9D

-----Original Message-----
From: Michael <moody.michael@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Jun 6, 2011 3:34 pm
Subject: [pfr3_group] PFR-3 arrived today

I ordered my PFR-3 and Deluxe Tenna Dipper right about two weeks ago and they showed up in the mailbox today. Should be good to go for Field Day.

Another PFR-3 will be on the air soon...

Mike KD0MEQ

2490. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-07 13:46:56 UTC
From: Dale Putnam
Topic: 2386 Message: 2490

Hi Steve,
Yes, I've seen the finals draw so much current that the uP resets, if the regulators don't get started right, or there is a hitch in the process of restart things don't get reset correctly. Also seen a solder short in the U8 driver that when the tx keyed would lock it on or stick it to high current and get way hot. If L7 is lifted, and the finals are eliminated from consideration, then a key down for a long time will help in finding the problem area. Checking the 5v rail will be helpful keyed, unkeyed, and looking at u8 pin14 will be helpful too. I had one that had a simi-short, under the ic... took the 5v rail down, during keying, but would release it not keyed. Had to remove u8 clean and resolder it, to correct. At least I call it was a semi short..... although I never heard the air brakes, horn or saw the diesel smoke. ;o)
Have a great day,

--... ...-- Dale - WC7S in Wy

2491. Re: PFR3 and Solar power

Yahoo group: pfr3_group
Date: 2011-06-07 16:03:17 UTC
From: wb9dlc
Topic: 2383 Message: 2491

I am using a Volkswagen solar charger (used - Ebay - $10 - $15) to keep the internal batts topped off during the day while operating. It delivers just over 100ma of charge and, with the xmit/Rx duty cycle combined with the CW xmit duty cycle, the battery recovers from getting low very nicely.

Go here to see more on the solar charger and the Battery Status Indicator :
http://wb9dlc.com/PFR3%20battery.htm

73

Mike / WB9DLC

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hi Lee and other friends from the list
> It is interesting to give ideas, I do think that some QRP ham radio do so, but perhaps not much ... here in the western part of France the sun is well known but not as strong as the U.S. may be, but the wind is also interesting, a little wind sensor SAVONIUS such as a sheet of metal shaped "S"between two discs on a small generator volts may be interesting, too, the problem is: not so easy to transport than the solar panel.
> Solar panels are still quite expensive
> The problem of regulating the charging of the battery is not easy to build or own.
> Is interesting for all these things put a seller's web link to friends as we found a kit or parts of interest to the QRP ham radio
> 73s
>
>
> ----- Original Message -----
> From: lee
> To: pfr3_group@yahoogroups.com
> Sent: Sunday, June 05, 2011 7:04 AM
> Subject: [pfr3_group] PFR3 and Solar power
>
> I know a lot of you guys have probably done this but I have not. That is, it would be great to maybe have a 7 amp 12 volt gel cell being charged by a 10 watt solar panel and controller, thus running the PFR-3A totally off of solar power. Iâ□□m not a â□□take it to the field guyâ□□, but I guess you could do this too. It just seems like the power draw of a PFR-3 would be perfect with a 7 amp gel cell, and a 10 watt solar panel with controller when you consider receive vs transmit times. The combination of the above 4 items seems like a good match to me. It would be hard to run out of power this way, the way I operate.
>
> I see QRP Kits sells a Dan Tayloe Battery Status Indicator kit BSI for $15.00. This might be a great addition to the above.
>
> Lee, w0vt
>

2492. Re: [pfr3_group] Re: PFR3 and Solar power

Yahoo group: pfr3_group
Date: 2011-06-07 20:38:35 UTC
From: f6ddv
Topic: 2383 Message: 2492

Hi Mike
Oh, but I had not noticed that this little kit was designed to pfr3 is interesting, and your idea of a solar charger is also a good idea
73s
Jean paul F6DDV
==========
----- Original Message -----
From: wb9dlc
To: pfr3_group@yahoogroups.com
Sent: Tuesday, June 07, 2011 6:03 PM
Subject: [pfr3_group] Re: PFR3 and Solar power

I am using a Volkswagen solar charger (used - Ebay - $10 - $15) to keep the internal batts topped off during the day while operating. It delivers just over 100ma of charge and, with the xmit/Rx duty cycle combined with the CW xmit duty cycle, the battery recovers from getting low very nicely.

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http://wb9dlc.com/PFR3%20battery.htm

73

Mike / WB9DLC

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> The problem of regulating the charging of the battery is not easy to build or own.
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> 73s
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>
> I see QRP Kits sells a Dan Tayloe Battery Status Indicator kit BSI for $15.00. This might be a great addition to the above.
>
> Lee, w0vt
>

2493. Gell Cells

Yahoo group: pfr3_group
Date: 2011-06-07 22:11:48 UTC
From: Thomas Whatley
Topic: 2493 Message: 2493

The best prices on Gell Cell batteries are All Electronics . The have some small 12 V. that i have used for many
years. I even use them on electric drills that the original batteries have died and married the Gell Cells to the
drill. About the same weight, little jury rigging , but works great. I've used one on my Lil Yellow Box for 2 Years.
T.Bone KI4FD

2494. Fw: [pfr3_group] Re: PFR3 and Solar power

Yahoo group: pfr3_group
Date: 2011-06-07 23:18:08 UTC
From: lee
Topic: 2494 Message: 2494

I ordered a 10 watt solar panel with controller to run my 7 amp Gel Cell. I'll test the system out using a 5 watt rig and see what happens testing how long the battery performs plus will an average sunlight day keep up with the load demand with brisk usage of the system. More to follow. (I purchased the solar panel as new from a solar panel company out in California selling on e-bay). If the solar panel can keep up with any demand I put on the system, I'll up the battery storage capacity and see how much capacity improvement I get under the new conditions. The hours of sunlight will affect the outcome but over time an average should be possible to be determined.

Lee. w0vt

2495. Microprocessor (or display) noise on 20 meters

Yahoo group: pfr3_group
Date: 2011-06-08 18:17:02 UTC
From: kl7cw
Topic: 2495 Message: 2495

I just built a PFR3A and it works GREAT on all bands. However, I noticed a VERY SUBTLE decrease in 20 meter noise each time the display timed out. When hooked up to a dummy load, the noise sounds exactly like a quiet 20 meter band with sporadic distant lightning crashes. The noise is on the mute line between pin 25 of the microprocessor and the gate of Q1. I bypassed the mute line with a small (less than or equal to 0.25 inch diameter 4700pf(0.0047)disc cap.). The exact value is not critical, but use only a disc cap. It is convenient to install the cap on the top of the board directly above R15. Wire one lead to a T1 ground terminal and the other lead to the R2/D1 cathode junction. This junction is the left terminal of R2. 4700pf is more than enough capacity to eliminate all noise from my PFR, yet it does not slow down QSK. If necessary you can use more capacitance or even add an aditional 4700pf capacitor directly from processor pin 25 to ground on the back side of the board. I only noticed this noise since I live in a quiet rural area of Alaska. Normal QRM and QRN would probably obscure this noise for most folks. It was not enough to significantly degrade the MDS measurements. Rick KL7CW Palmer, Alaska

2496. Re: [pfr3_group] DC Conector Too Large

Yahoo group: pfr3_group
Date: 2011-06-08 23:42:51 UTC
From: Felipe Barco
Topic: 2468 Message: 2496

MAYBE, and I said MAYBE, now, I have a huge scratch on the back of my cabinet.

So, I got impacient, and my Dremel is happy...

On Sun, Jun 5, 2011 at 6:04 PM, Dale Putnam <daleputnam@...> wrote:

>
>
> Hi Guys,
> Yep, the paint builds up in the hole. Ive taken it out with a hand driven
> drill bit, and I've seen it taken out with a knife, but all that has to be
> taken away, is the paint IN the hole. The trick is choose something to take
> the paint out of the hole, and don't let what ever it is, escape from the
> hole. If it does escape, a not pretty scratch will appear, and possibly some
> not nice words. or maybe more words... if the choice of tools is sharp and
> punctures your skin... in which case, work will terminate, bandaid
> application will insue, and more not nice words will be spoken. How do I
> know this?
> That... my friends.... is a whole nother story....
>
> --... ...-- Dale - WC7S in Wy
>
>
>
> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: sigcom@...
> Date: Sun, 5 Jun 2011 20:57:31 +0000
> Subject: Re: [pfr3_group] DC Conector Too Large
>
>
>
> Felipe,
>
> This is usually caused by paint buildup on the circumference of the hole.
> Light scraping to remove the paint should correct the problem and the
> connector will fit.
>
> 73.......Steve Smith WB6TNL
>
>
>
>

2497. Re: [pfr3_group] DC Conector Too Large

Yahoo group: pfr3_group
Date: 2011-06-08 23:47:12 UTC
From: Doug Jackson
Topic: 2468 Message: 2497

Never underestimate the ability of Automotive cutting polish to reduce scratches!

Doug

On Thu, Jun 9, 2011 at 9:42 AM, Felipe Barco <felipebarco@gmail.com> wrote:

>
>
> MAYBE, and I said MAYBE, now, I have a huge scratch on the back of my
> cabinet.
>
> So, I got impacient, and my Dremel is happy...
>
>
>
> On Sun, Jun 5, 2011 at 6:04 PM, Dale Putnam <daleputnam@hotmail.com>wrote:
>
>>
>>
>> Hi Guys,
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>> driven drill bit, and I've seen it taken out with a knife, but all that has
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>> That... my friends.... is a whole nother story....
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>> --... ...-- Dale - WC7S in Wy
>>
>>
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>> From: sigcom@...
>> Date: Sun, 5 Jun 2011 20:57:31 +0000
>> Subject: Re: [pfr3_group] DC Conector Too Large
>>
>>
>>
>> Felipe,
>>

>> This is usually caused by paint buildup on the circumference of the hole.
>> Light scraping to remove the paint should correct the problem and the
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>>
>> 73.......Steve Smith WB6TNL
>>
>>
>>
>
>

--
Doug Jackson
VK1ZDJ
http://www.dougswordclock.com/ -< My clocks
http://www.vk1zdj.net -< My Amature Radio Activities

2498. Re: [pfr3_group] DC Conector Too Large

Yahoo group: pfr3_group
Date: 2011-06-08 23:59:04 UTC
From: Felipe Barco
Topic: 2468 Message: 2498

Good thinking!!!!
Gonna be done soon!!

Thank you!

On Wed, Jun 8, 2011 at 8:47 PM, Doug Jackson <doug@...> wrote:

>
>
> Never underestimate the ability of Automotive cutting polish to reduce
> scratches!
>
> Doug
>
>
>
> On Thu, Jun 9, 2011 at 9:42 AM, Felipe Barco <felipebarco@...>wrote:
>
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>>
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>> cabinet.
>>
>> So, I got impacient, and my Dremel is happy...
>>
>>
>>
>> On Sun, Jun 5, 2011 at 6:04 PM, Dale Putnam <daleputnam@hotmail.com>wrote:
>>
>>>
>>>
>>> Hi Guys,
>>> Yep, the paint builds up in the hole. Ive taken it out with a hand
>>> driven drill bit, and I've seen it taken out with a knife, but all that has
>>> to be taken away, is the paint IN the hole. The trick is choose something to
>>> take the paint out of the hole, and don't let what ever it is, escape from
>>> the hole. If it does escape, a not pretty scratch will appear, and possibly
>>> some not nice words. or maybe more words... if the choice of tools is sharp
>>> and punctures your skin... in which case, work will terminate, bandaid
>>> application will insue, and more not nice words will be spoken. How do I
>>> know this?
>>> That... my friends.... is a whole nother story....
>>>
>>> --... ...-- Dale - WC7S in Wy
>>>
>>>

>>>
>>> ------------------------------
>>> To: pfr3_group@yahoogroups.com
>>> From: sigcom@...
>>> Date: Sun, 5 Jun 2011 20:57:31 +0000
>>> Subject: Re: [pfr3_group] DC Conector Too Large
>>>
>>>
>>>
>>> Felipe,
>>>
>>> This is usually caused by paint buildup on the circumference of the hole.
>>> Light scraping to remove the paint should correct the problem and the
>>> connector will fit.
>>>
>>> 73.......Steve Smith WB6TNL
>>>
>>>
>>>
>>
>
>
> --
> Doug Jackson
> VK1ZDJ
> http://www.dougswordclock.com/ -< My clocks
> http://www.vk1zdj.net -< My Amature Radio Activities
>
>
>

2499. Re: [pfr3_group] DC Conector Too Large

Yahoo group: pfr3_group
Date: 2011-06-09 00:01:28 UTC
From: OllySteed@aol.com
Topic: 2468 Message: 2499

How deep into the paint?
The auto polish won't remove that scratch and if you use the rubbing compound you lose the shine in that spot.
Best to match up the paint and maybe 10 coats from a yellow marker pen will do the job
BOB
AF2Q

In a message dated 6/8/2011 8:43:23 P.M. Atlantic Daylight Time, felipebarco@... writes:

MAYBE, and I said MAYBE, now, I have a huge scratch on the back of my cabinet.

So, I got impacient, and my Dremel is happy...

2500. Group 2 smoke test question

Yahoo group: pfr3_group
Date: 2011-06-09 05:10:27 UTC
From: Michael
Topic: 2500 Message: 2500

Hey guys,

Please keep in mind I'm a newbie at this. :)

I just finished group 2, and have done the smoke test. I can hear some CW stations on 40m, but my question is, how loud should they be?

I have the volume cranked all the way up, and hear a very quiet background hiss, but none of the stations are that loud.

It is currently 12 midnight here in Missouri, and I understand that the band may not be in the best of shape (late at night and solar flare tonight).

I am also only using a short 10' piece of wire for an antenna for testing.

So tomorrow when I hook up to my end fed long wire and test, what should I expect? My only frame of reference is my TS-820.

I'm pleased that I have gotten this far, I'm hoping the rest of the build goes as smoothly.

Thanks,

Mike KD0MEQ

2501. Re: [pfr3_group] Group 2 smoke test question

Yahoo group: pfr3_group
Date: 2011-06-09 05:46:28 UTC
From: Steve Smith
Topic: 2500 Message: 2501

Hi Mike,

The 10 Ft. antler is most likely your problem. If your end-fed is transformed to 50 Ohms then your PFR should be plenty perky when connected to it. Using sensitive earphones/earbuds and the receiver input connected to a decent antenna connected matched to 50 Ohms you should get good audio volume.

If you don't quite get a peak on the preselector knob ("Rx PEAK") before it hits the CCW stop, don't be concerned. That adjustment may change after the low pass filters are in circuit.

Best of luck with the rest of the build.

---------- Original Message ----------
From: "Michael" <moody.michael@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Group 2 smoke test question
Date: Thu, 09 Jun 2011 05:10:27 -0000

Hey guys,

Please keep in mind I'm a newbie at this. :)

I just finished group 2, and have done the smoke test. I can hear some CW stations on 40m, but my question is, how loud should they be?

I have the volume cranked all the way up, and hear a very quiet background hiss, but none of the stations are that loud.

It is currently 12 midnight here in Missouri, and I understand that the band may not be in the best of shape (late at night and solar flare tonight).

I am also only using a short 10' piece of wire for an antenna for testing.

So tomorrow when I hook up to my end fed long wire and test, what should I expect? My only frame of reference is my TS-820.

I'm pleased that I have gotten this far, I'm hoping the rest of the build goes as smoothly.

Thanks,

Mike KD0MEQ

2502. Internal NIMH Battery Charger

Yahoo group: pfr3_group
Date: 2011-06-09 07:25:07 UTC
From: lee
Topic: 2477 Message: 2502

Has anyone developed a NIMH charger which will charge these cells while installed within the 8 cell battery holder/holders in a PF3? I would imagine you could use a commercial one made to charge them when in a series configuration rather then those charging them individually.
I realize It is better to charge cells individually rather then in series but that is kind of a pain as you would have to remove them from the rig each time they needed charging. I would prefer to leave the cells in the rig and charge them in series even if it meant replacing the cells more often then if charged the other single cell way. (Due to unbalanced cells)
I looked at the manual I downloaded on line as I don't have the kit yet. The schematic is not drawn correctly for the power switch to work as mentioned in the manual. I have no PC board to examine to see how the rig is actually wired. (The power switch in the manual shows a 3-way switch for "off-internal battery-external battery". However the schematic just shows the 3-way switch to either have the rig "OFF" or powered by the "external power source". There is no reference on the schematic to any internal batteries. Once I get my hands on a real PC board I'll be able to trace what is actually happening with the "Power Switch". (Position #1 is shown as off, position 2 and position 3 are tied together so if the switch is in either pos 2 or pos 3 the rig will be on using external power. This is how the schematic shows the switch wiring). I know this can't be correct if there are internal batteries besides external power available for this rig, so the diagram is wrong.
Once I get my hands on a real PC board I can figure out how to use an external "in series" charger but I can't do that until the kit arrives. Maybe someone on here has already done all this work and developed a charger. I realize, for a charger to be used, caution must be used so voltages don't top 12 volts to the rig. Putting a charger in there while the batteries are connected while they are running the rig could be trouble if a cell failed while the charger was in service while connected to the rig. (Voltages could zoom to 17 volts or so.) It would be much safer to be able to charge the batteries while they were not "on line" and the rig could be used with external power while the cells were being charged.
HOPE THIS MAKES SENSE AND I WAS CLEAR WHAT I WANTED TO SAY!
Has anyone done all this? I don't want to be reinventing the wheel. I could not find anything on the web showing where this has been done to date. However, I could have missed it. I'd be interested in hearing from anyone relating to all this. What is needed is a NIMH series charger to charge the cells while in the radio and the power switch has the batteries "off-line". At the same time, the power switch could have the radio off or powered by an external source. (Yes it could be wired so the batteries power the radio while being charged, but to me, this has an inherent hazard for the radio if batteries fail).
73,
Lee, w0vt

2503. Re: [pfr3_group] Internal NIMH Battery Charger

Yahoo group: pfr3_group
Date: 2011-06-09 07:43:02 UTC
From: OllySteed@aol.com
Topic: 2477 Message: 2503

Bill,G4KKI made the mod like that with the HB1A and It was about 2 months ago someone posted they did it to the pfr3.
I even picked up a diode and the resistor but lost the info.
BOB
AF2Q

In a message dated 6/9/2011 4:25:14 A.M. Atlantic Daylight Time, pulsarxp@... writes:

Once I get my hands on a real PC board I can figure out how to use an external “in series” charger but I can’t do that until the kit arrives. Maybe someone on here has already done all this work and developed a charger. I realize, for a charger to be used, caution must be used so voltages don’t top 12 volts to the rig.

2504. Re: [pfr3_group] Internal NIMH Battery Charger

Yahoo group: pfr3_group
Date: 2011-06-09 07:45:17 UTC
From: lee
Topic: 2477 Message: 2504

OK, Bob. I’m sure some others will reply later today. If all fails, I’ll figure out how to do it myself once the kit arrives. You are a nite owl!

Lee, w0vt

From: OllySteed@...
Sent: Thursday, June 09, 2011 2:43 AM
To: pfr3_group@yahoogroups.com
Cc: g4kki.william@ntlworld.com
Subject: Re: [pfr3_group] Internal NIMH Battery Charger

Bill,G4KKI made the mod like that with the HB1A and It was about 2 months ago someone posted they did it to the pfr3.
I even picked up a diode and the resistor but lost the info.
BOB
AF2Q

2505. Re: [pfr3_group] Internal NIMH Battery Charger

Yahoo group: pfr3_group
Date: 2011-06-09 09:39:31 UTC
From: OllySteed@aol.com
Topic: 2477 Message: 2505

Hi Lee,
Yes I can never fall asleep and I received my VX8GR 2 band HT today.
Now I damaged some brain cells trying to program it.
I have 2 repeaters in memory and when I go to the VFO mode,it changes to AM
So today will be 100*+ F and I have nothing better to do then play with
this.
I could have been just as happy with a much cheaper dual band HT but this
has a GPS built in and get this.
A CW practice menu.
You select all 26 letters and numbers and then play it back at the speed
you want.
I can TX on 2 meters and still listen to 440 and it has a packet modem
built in.
I can receive text on it and every 8 hours it makes me a 20 oz cup of
coffee
Just another pricey toy Diane got for me.
5:40 AM here so I may as well go out for pre made breakfast at 7-11
CUL
BOB
AF2Q

In a message dated 6/9/2011 4:45:28 A.M. Atlantic Daylight Time,
pulsarxp@... writes:

OK, Bob. I’m sure some others will reply later today. If all fails, I’
ll figure out how to do it myself once the kit arrives. You are a nite owl!

Lee, w0vt

2506. Re: [pfr3_group] Internal NIMH Battery Charger

Yahoo group: pfr3_group
Date: 2011-06-09 13:07:02 UTC
From: Carey Magee (K2RNY)
Topic: 2477 Message: 2506

Lee:

In the Yahoo site for this reflector, there is a document created by Ken LoCasale, WA4MNT. It described the schematic and installation of a over voltage protection and NiMH Trickle Charger. The pdf file is in the 'Files' section in a folder named 'related information' .

I haven't had the chance to build it or install it yet, so no info on how it works, but I am sure it works just fine.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

----- "lee" <pulsarxp@...> wrote:

Has anyone developed a NIMH charger which will charge these cells while installed within the 8 cell battery holder/holders in a PF3? I would imagine you could use a commercial one made to charge them when in a series configuration rather then those charging them individually.

I realize It is better to charge cells individually rather then in series but that is kind of a pain as you would have to remove them from the rig each time they needed charging. I would prefer to leave the cells in the rig and charge them in series even if it meant replacing the cells more often then if charged the other single cell way. (Due to unbalanced cells)

I looked at the manual I downloaded on line as I don’t have the kit yet. The schematic is not drawn correctly for the power switch to work as mentioned in the manual. I have no PC board to examine to see how the rig is actually wired. (The power switch in the manual shows a 3-way switch for “off-internal battery-external battery”. However the schematic just shows the 3-way switch to either have the rig “OFF” or powered by the “external power source”. There is no reference on the schematic to any internal batteries. Once I get my hands on a real PC board I’ll be able to trace what is actually happening with the “Power Switch”. (Position #1 is shown as off, position 2 and position 3 are tied together so if the switch is in either pos 2 or pos 3 the rig will be on using external power. This is

how the schematic shows the switch wiring). I know this can't be correct if there are internal batteries besides external power available for this rig, so the diagram is wrong.

Once I get my hands on a real PC board I can figure out how to use an external "in series" charger but I can't do that until the kit arrives. Maybe someone on here has already done all this work and developed a charger. I realize, for a charger to be used, caution must be used so voltages don't top 12 volts to the rig. Putting a charger in there while the batteries are connected while they are running the rig could be trouble if a cell failed while the charger was in service while connected to the rig. (Voltages could zoom to 17 volts or so.) It would be much safer to be able to charge the batteries while they were not "on line" and the rig could be used with external power while the cells were being charged. HOPE THIS MAKES SENSE AND I WAS CLEAR WHAT I WANTED TO SAY!

Has anyone done all this? I don't want to be reinventing the wheel. I could not find anything on the web showing where this has been done to date. However, I could have missed it. I'd be interested in hearing from anyone relating to all this. What is needed is a NIMH series charger to charge the cells while in the radio and the power switch has the batteries "off-line". At the same time, the power switch could have the radio off or powered by an external source. (Yes it could be wired so the batteries power the radio while being charged, but to me, this has an inherent hazard for the radio if batteries fail).

73,

Lee, w0vt

2507. Re: [pfr3_group] Internal NIMH Battery Charger

Yahoo group: pfr3_group
Date: 2011-06-09 17:45:12 UTC
From: lee
Topic: 2477 Message: 2507

OK, thanks, Carey.

Lee, w0vt

Lee:

In the Yahoo site for this reflector, there is a document created by Ken LoCasale, WA4MNT. It described the schematic and installation of a over voltage protection and NiMH Trickle Charger. The pdf file is in the 'Files' section in a folder named 'related information'.

I haven't had the chance to build it or install it yet, so no info on how it works, but I am sure it works just fine.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

2508. Re: [pfr3_group] Internal NIMH Battery Charger

Yahoo group: pfr3_group
Date: 2011-06-09 18:51:34 UTC
From: f6ddv
Topic: 2477 Message: 2508

Helo Lee
Hello everyone
I will make a response as short as possible. (Difficult)
No manufacturer will not allow a parallel charging of cells on a transceiver or other, or he is an inverter
neutral point to media, which prohibits the placing in service for charging.
Otherwise, it is possible to maintain the load a regulated supply with the same number of volts to the final charge voltage of the cells. is an acceptable solution but it is not a proper charge.
The reason is simple, and we know the potential difference is that this will not be supported by the device because for the load normally happens is much higher than normal.
Yes, you must first load and during a control of the precise balance of cells, because a load of all cells in series can be valid only if they are perfectly within the same state, without going into technical details. (Must also carry out regular landfills and observe the status of individual cells)
Good chargers do know seriously.
Otherwise, you must load them individually into effect.
A load cell in series may be acceptable during a time when they are brand new and identical initially.
It will simply check regularly that the potential difference is the same for all during charge and discharge, which is not easy ... H.I.
In cell Li-Ion and Li-Po of 3.6 V and 3.7 V is very important and usually the charger is supplied with the cells and it is perfect.
I recommend buying a Multi - cells, it is a good investment that you will not regret, battery chargers for serious models have a suitable electronic control and report errors and impossibilities of charge.
I was rather long, sorry, but there a lot to say on this subject, and thousands of ham radio are not familiar with the
problems of the cells.
73s to all
Jean-Paul F6DDV

----- Original Message -----
From: lee
To: pfr3_group@yahoogroups.com
Sent: Thursday, June 09, 2011 9:25 AM
Subject: [pfr3_group] Internal NIMH Battery Charger

Has anyone developed a NIMH charger which will charge these cells while installed within the 8 cell battery holder/holders in a PF3? I would imagine you could use a commercial one made to charge them when in a series configuration rather then those charging them individually.

I realize It is better to charge cells individually rather then in series but that is kind of a pain as you would have to remove them from the rig each time they needed charging. I would prefer to leave the cells in the rig and charge them in series even if it meant

replacing the cells more often then if charged the other single cell way. (Due to unbalanced cells)

I looked at the manual I downloaded on line as I don't have the kit yet. The schematic is not drawn correctly for the power switch to work as mentioned in the manual. I have no PC board to examine to see how the rig is actually wired. (The power switch in the manual shows a 3-way switch for "off-internal battery-external battery". However the schematic just shows the 3-way switch to either have the rig "OFF" or powered by the "external power source". There is no reference on the schematic to any internal batteries. Once I get my hands on a real PC board I'll be able to trace what is actually happening with the "Power Switch". (Position #1 is shown as off, position 2 and position 3 are tied together so if the switch is in either pos 2 or pos 3 the rig will be on using external power. This is how the schematic shows the switch wiring). I know this can't be correct if there are internal batteries besides external power available for this rig, so the diagram is wrong.

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Has anyone done all this? I don't want to be reinventing the wheel. I could not find anything on the web showing where this has been done to date. However, I could have missed it. I'd be interested in hearing from anyone relating to all this. What is needed is a NIMH series charger to charge the cells while in the radio and the power switch has the batteries "off-line". At the same time, the power switch could have the radio off or powered by an external source. (Yes it could be wired so the batteries power the radio while being charged, but to me, this has an inherent hazard for the radio if batteries fail).

73,

Lee, w0vt

2509. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-09 19:23:48 UTC
From: Christer Andersson
Topic: 2386 Message: 2509

Hi Dale !
Here is the next part of the PFR3 "I don´t want to transmit" story
I did as you said lifted L7 on one side. Power on yes, hit the key, oh no shut down.
resistans between gate and drain 1,4 ohms.
Ok kill the 5V to the finals, lift U8 of the board.
Same test again, bingo.... every thing looked ok the keyer worker and every thing else to.
my thought the finals is shorted. i did measure on one of the new ones I did buy.
It is a pitty i did not check the resistans between Gate or say pin 13 in the U8 socket.
I did unsolder the three BS170 and did resistance check on them , non looked like they were broken.
Ok put back U8 and power it up. ok.. key down.. instant shut down. shi.....
OK out with U8 same test . worked ok.
Solder back L7. same test ok.
Put back U8 and power it up. ok.. key down.. instant shut down.
So as it is i have ordered a new 74HC02 Nor Gate.
As far as i see it there is no place were big enaugh currents could slip away left.
Whats your comment on that.

73 de SM4LRA / Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, June 7, 2011 1:15:37 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
  If you were to insert a milliameter, in series with L7, and key the tx, what does that read for current?
If I have this right, the whole radio shuts down when you key it, right?
  So, if you lift one end of L7, and leave it open, then key it, does the radio shut down?
If not, but it does when L7 is connected, that will be a huge leap of progress.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Mon, 6 Jun 2011 15:46:16 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Steve!
The votage on the input on U5 is 9.98V under tx conditons.

73 de SM4LRA / Christer

From: Steve Smith <sigcom@juno.com>
To: pfr3_group@yahoogroups.com
Sent: Mon, June 6, 2011 11:08:11 PM
Subject: Re: [pfr3_group] PFR3 troubble.

Hello Christer,

What is the input voltage to U5 in the TX condition?

73.......Steve Smith WB6TNL

Please note: message attached

From: Christer Andersson <sm4lra@...>
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3 troubble.
Date: Mon, 6 Jun 2011 13:45:02 -0700 (PDT)

TX volts. D5 In 10,31V D5 out 9,98V. L7 in and out 0,023V. U10 2,85V. U5 3,23V
Q6 Sourse 9,98V Drain 0,022V Gate 9,87V

2510. Re: [pfr3_group] Internal NIMH Battery Charger

Yahoo group: pfr3_group
Date: 2011-06-09 23:13:03 UTC
From: lee
Topic: 2477 Message: 2510

Hello Jean-Paul;

I understand what you are saying. For charging individual cells, the La Crosse Technology BC-9009 has captured my attention. Amazon.com sells it.

Lee, w0vt

From: f6ddv
Sent: Thursday, June 09, 2011 1:51 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Internal NIMH Battery Charger

□

Helo Lee
Hello everyone
I will make a response as short as possible. (Difficult)
No manufacturer will not allow a parallel charging of cells on a transceiver or other, or he is an inverter
neutral point to media, which prohibits the placing in service for charging.
Otherwise, it is possible to maintain the load a regulated supply with the same number of volts to the final charge voltage of the cells. is an acceptable solution but it is not a proper charge.
The reason is simple, and we know the potential difference is that this will not be supported by the device because for the load normally happens is much higher than normal.
Yes, you must first load and during a control of the precise balance of cells, because a load of all cells in series can be valid only if they are perfectly within the same state, without going into technical details. (Must also carry out regular landfills and observe the status of individual cells)
Good chargers do know seriously.
Otherwise, you must load them individually into effect.
A load cell in series may be acceptable during a time when they are brand new and identical initially.
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In cell Li-Ion and Li-Po of 3.6 V and 3.7 V is very important and usually the charger is supplied with the cells and it is perfect.
I recommend buying a Multi - cells, it is a good investment that you will not regret, battery chargers for serious models have a suitable electronic control and report errors and impossibilities of charge.
I was rather long, sorry, but there a lot to say on this subject, and thousands of ham radio are not familiar with the
problems of the cells.
73s to all
Jean-Paul F6DDV

2511. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-10 01:59:07 UTC
From: Dale Putnam
Topic: 2386 Message: 2511

Hi Christer,
Sounds like you isolated the issue with U8... now that it is out, and you're stuck waiting for a new one... how about taking an ohmeter reading across U8, pin 14 to pin 7. Then treat it as a diode, reverse the ohmeter leads and measure again. Maybe that would help us to understand what happened.?
That reading should not be low, both polarities.

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@yahoo.com
Date: Thu, 9 Jun 2011 12:23:48 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Dale !
Here is the next part of the PFR3 "I don´t want to transmit" story
I did as you said lifted L7 on one side. Power on yes, hit the key, oh no shut down.
resistans between gate and drain 1,4 ohms.
Ok kill the 5V to the finals, lift U8 of the board.
Same test again, bingo.... every thing looked ok the keyer worker and every thing else to.
my thought the finals is shorted. i did measure on one of the new ones I did buy.
It is a pitty i did not check the resistans between Gate or say pin 13 in the U8 socket.
I did unsolder the three BS170 and did resistance check on them , non looked like they were broken.
Ok put back U8 and power it up. ok.. key down.. instant shut down. shi.....
OK out with U8 same test . worked ok.
Solder back L7. same test ok.
Put back U8 and power it up. ok.. key down.. instant shut down.
So as it is i have ordered a new 74HC02 Nor Gate.
As far as i see it there is no place were big enaugh currents could slip away left.
Whats your comment on that.

73 de SM4LRA / Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, June 7, 2011 1:15:37 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Hi Christer,
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So, if you lift one end of L7, and leave it open, then key it, does the radio shut down?
If not, but it does when L7 is connected, that will be a huge leap of progress.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sm4lra@...
Date: Mon, 6 Jun 2011 15:46:16 -0700
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Steve!
The votage on the input on U5 is 9.98V under tx conditons.

73 de SM4LRA / Christer

From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, June 6, 2011 11:08:11 PM
Subject: Re: [pfr3_group] PFR3 troubble.

Hello Christer,

What is the input voltage to U5 in the TX condition?

73.......Steve Smith WB6TNL

Please note: message attached

From: Christer Andersson <sm4lra@...>
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3 troubble.
Date: Mon, 6 Jun 2011 13:45:02 -0700 (PDT)

TX volts. D5 In 10,31V D5 out 9,98V. L7 in and out 0,023V. U10 2,85V. U5 3,23V
Q6 Sourse 9,98V Drain 0,022V Gate 9,87V

2512. Re: [pfr3_group] Internal NIMH Battery Charger

Yahoo group: pfr3_group
Date: 2011-06-10 12:13:40 UTC
From: f6ddv
Topic: 2477 Message: 2512

Hi Jim
Look at this side
I am satisfied with this equipment, no problem, but good inexpensive operation, Li-Po batteries 3 elements 5000 mA / hr or even more! ... work well for small transceivers also , out of 12 V ... very fine , no problem tested
73s
JP F6DDV
http://cgi.ebay.fr/Mystery-B6-LiPo-NiMh-Batterie-Chargeur-fan-Adaptateur-/170595765937?pt=FR_YO_Jeux_RadioComRobots_VehiculesRadiocommandes&hash=item27b84cceb1

http://cgi.ebay.fr/11-1v-5000MAH-30C-LIPO-3s-11-1-VOLT-RC-AKKU-BATTERY-DR-/320665323004?pt=AU_Toys_Hobbies_Radio_Controlled_Vehicles&hash=item4aa92485fc

----- Original Message -----
From: lee
To: pfr3_group@yahoogroups.com
Sent: Friday, June 10, 2011 1:13 AM
Subject: Re: [pfr3_group] Internal NIMH Battery Charger

Hello Jean-Paul;

I understand what you are saying. For charging individual cells, the La Crosse Technology BC-9009 has captured my attention. Amazon.com sells it.

Lee, w0vt

From: f6ddv
Sent: Thursday, June 09, 2011 1:51 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Internal NIMH Battery Charger

☐

Helo Lee
Hello everyone
I will make a response as short as possible. (Difficult)
No manufacturer will not allow a parallel charging of cells on a transceiver or other, or he is an inverter
neutral point to media, which prohibits the placing in service for charging.
Otherwise, it is possible to maintain the load a regulated supply with the same number of volts to the final charge voltage of the cells. is an acceptable solution but it is not a proper charge.
The reason is simple, and we know the potential difference is that this will not be supported by the device because for the load normally happens is much higher than normal.
Yes, you must first load and during a control of the precise balance of cells, because a load of all cells in series can be valid only if they are perfectly within the same state, without going into technical details. (Must also carry out regular landfills and observe

the status of individual cells)
Good chargers do know seriously.
Otherwise, you must load them individually into effect.
A load cell in series may be acceptable during a time when they are brand new and identical initially.
It will simply check regularly that the potential difference is the same for all during charge and discharge, which is not easy ... H.I.
In cell Li-Ion and Li-Po of 3.6 V and 3.7 V is very important and usually the charger is supplied with the cells and it is perfect.
I recommend buying a Multi - cells, it is a good investment that you will not regret, battery chargers for serious models have a suitable electronic control and report errors and impossibilities of charge.
I was rather long, sorry, but there a lot to say on this subject, and thousands of ham radio are not familiar with the
problems of the cells.
73s to all
Jean-Paul F6DDV

2513. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-10 19:17:09 UTC
From: Steven Weber
Topic: 2386 Message: 2513

It's also possible that one of the output pins of U8 is shorted to ground, due to a solder short on the board, which I would think is the most likely cause of the problem.

Steve KD1JV

Hi Christer,
Sounds like you isolated the issue with U8... now that it is out, and you're stuck waiting for a new one... how about taking an ohmeter reading across U8, pin 14 to pin 7. Then treat it as a diode, reverse the ohmeter leads and measure again. Maybe that would help us to understand what happened.?
That reading should not be low, both polarities.

2514. Re: [pfr3_group] Microprocessor (or display) noise on 20 meters

Yahoo group: pfr3_group
Date: 2011-06-10 19:15:39 UTC
From: f6ddv
Topic: 2495 Message: 2514

Hello Rick
And hello to all
It's very interesting to know this, we call it here feedbacks from users.
I have one question though:
That he is consulted, tested and then validated by the company for Hendricks be introduced into the manual?
sagit because of an amendment to a major improvement, it is a problem with this transceiver, or this is called an "isolated case"?
and it has not been observed on other pfr3?
I must note that to make this change as I am currently mounting kit?
Or maybe I say something stupid, and you're one of those responsible for testing and improving products Hendricks?
73s to all
Jean-Paul F6DDV

From: kl7cw
To: pfr3_group@yahoogroups.com
Sent: Wednesday, June 08, 2011 8:17 PM
Subject: [pfr3_group] Microprocessor (or display) noise on 20 meters

I just built a PFR3A and it works GREAT on all bands. However, I noticed a VERY SUBTLE decrease in 20 meter noise each time the display timed out. When hooked up to a dummy load, the noise sounds exactly like a quiet 20 meter band with sporadic distant lightning crashes. The noise is on the mute line between pin 25 of the microprocessor and the gate of Q1. I bypassed the mute line with a small (less than or equal to 0.25 inch diameter 4700pf(0.0047)disc cap.). The exact value is not critical, but use only a disc cap. It is convenient to install the cap on the top of the board directly above R15. Wire one lead to a T1 ground terminal and the other lead to the R2/D1 cathode junction. This junction is the left terminal of R2. 4700pf is more than enough capacity to eliminate all noise from my PFR, yet it does not slow down QSK. If necessary you can use more capacitance or even add an aditional 4700pf capacitor directly from processor pin 25 to ground on the back side of the board. I only noticed this noise since I live in a quiet rural area of Alaska. Normal QRM and QRN would probably obscure this noise for most folks. It was not enough to significantly degrade the MDS measurements. Rick KL7CW Palmer, Alaska

2515. Re: [pfr3_group] Microprocessor (or display) noise on 20 meters

Yahoo group: pfr3_group
Date: 2011-06-10 20:03:26 UTC
From: OllySteed@aol.com
Topic: 2495 Message: 2515

Hi Jean and members.
Now and then I get that but very low level
What I did was looses and retightened all screws on the PC board.
I grounded the XTALS.
I then scraped all that shiny stuff from the key jack,antenna connector and phone jack and now all is fine.
BOB
AF2Q

In a message dated 6/10/2011 4:34:20 P.M. Atlantic Daylight Time,
f6ddv@... writes:

Hello Rick
And hello to all
It's very interesting to know this, we call it here feedbacks from users.
I have one question though:
That he is consulted, tested and then validated by the company for Hendricks be introduced into the manual?
sagit because of an amendment to a major improvement, it is a problem with this transceiver, or this is called an "isolated case"?
and it has not been observed on other pfr3?
I must note that to make this change as I am currently mounting kit?
Or maybe I say something stupid, and you're one of those responsible for testing and improving products Hendricks?
73s to all
Jean-Paul F6DDV

From: _kl7cw_ (mailto:kl7cw@...)

2516. Re: [pfr3_group] Microprocessor (or display) noise on 20 meters

Yahoo group: pfr3_group
Date: 2011-06-10 20:20:53 UTC
From: lee
Topic: 2495 Message: 2516

Very good to know and very interesting. I'll keep this in mind when building the kit.

I received my 10 watt solar panel today with charge controller I purchased new off of e-bay today. The size is: 10 1/2" X 15 1/2". It is designed to charge 12 volt batteries. Maximum power voltage across a battery is 17.2 volts and the maximum current is .59 amps. The controller will handle up to 10 amps input and 10 amps output. I think this will work very well with my 7 amp gel cell. The WA4MNT PFR-3 over voltage protection and charger look great too.

Lee, w0vt

From: kl7cw
To: pfr3_group@yahoogroups.com
Sent: Wednesday, June 08, 2011 8:17 PM
Subject: [pfr3_group] Microprocessor (or display) noise on 20 meters

I just built a PFR3A and it works GREAT on all bands. However, I noticed a VERY SUBTLE decrease in 20 meter noise each time the display timed out. When hooked up to a dummy load, the noise sounds exactly like a quiet 20 meter band with sporadic distant lightning crashes. The noise is on the mute line between pin 25 of the microprocessor and the gate of Q1. I bypassed the mute line with a small (less than or equal to 0.25 inch diameter 4700pf(0.0047)disc cap.). The exact value is not critical, but use only a disc cap. It is convenient to install the cap on the top of the board directly above R15. Wire one lead to a T1 ground terminal and the other lead to the R2/D1 cathode junction. This junction is the left terminal of R2. 4700pf is more than enough capacity to eliminate all noise from my PFR, yet it does not slow down QSK. If necessary you can use more capacitance or even add an aditional 4700pf capacitor directly from processor pin 25 to ground on the back side of the board. I only noticed this noise since I live in a quiet rural area of Alaska. Normal QRM and QRN would probably obscure this noise for most folks. It was not enough to significantly degrade the MDS measurements. Rick KL7CW Palmer, Alaska

2517. RE: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-10 23:41:41 UTC
From: Dale Putnam
Topic: 2386 Message: 2517

Thank you Steve, that makes sense. A check with an ohmeter on the output pins of U8 with it out of the circuit would sure tell the tale.
Will sure be interesting to see the results of that, Christer,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: steve.kd1jv@...
Date: Fri, 10 Jun 2011 15:17:09 -0400
Subject: Re: [pfr3_group] PFR3 troubble.

It's also possible that one of the output pins of U8 is shorted to ground, due to a solder short on the board, which I would think is the most likely cause of the problem.

Steve KD1JV

Hi Christer,
Sounds like you isolated the issue with U8... now that it is out, and you're stuck waiting for a new one... how about taking an ohmeter reading across U8, pin 14 to pin 7. Then treat it as a diode, reverse the ohmeter leads and measure again. Maybe that would help us to understand what happened.?
That reading should not be low, both polarities.

2518. Re: Microprocessor (or display) noise on 20 meters

Yahoo group: pfr3_group
Date: 2011-06-10 23:47:09 UTC
From: Rick Dwight
Topic: 2495 Message: 2518

Hello Jean-Paul
The added 4700 pf capacitor is not an official "Hendricks" recommended modification. I do not yet know if my trouble was an isolated instance. Hopefully others will post to this group if they have observed this problem. I posted it so that if anyone else observes this, they can try this modification. If the PFR is already mounted in the case, the bypass cap could be installed from pin 25 of the processor to ground, or perhaps elsewhere on the bottom side of the board. Although I think it very unlikely that this capacitor could have any adverse effects(none were observed), you can just wait and see if there are any more posts,or if you in fact have this problem. If this noise is observed by others, perhaps Hendricks will recommend bypassing this line, just to ensure the problem does not come up for some future builders.
Rick KL7CW

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello Rick
> And hello to all
> It's very interesting to know this, we call it here feedbacks from users.
> I have one question though:
> That he is consulted, tested and then validated by the company for Hendricks be introduced into the manual?
> sagit because of an amendment to a major improvement, it is a problem with this transceiver, or this is called an "isolated case"?
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> I must note that to make this change as I am currently mounting kit?
> Or maybe I say something stupid, and you're one of those responsible for testing and improving products Hendricks?
> 73s to all
> Jean-Paul F6DDV
>
>
> From: kl7cw
> To: pfr3_group@yahoogroups.com
> Sent: Wednesday, June 08, 2011 8:17 PM
> Subject: [pfr3_group] Microprocessor (or display) noise on 20 meters
>
>
>
> I just built a PFR3A and it works GREAT on all bands. However, I noticed a VERY SUBTLE decrease in 20 meter noise each time the display timed out. When hooked up to a dummy load, the noise sounds exactly like a quiet 20 meter band with sporadic distant lightning crashes. The noise is on the mute line between pin 25 of the microprocessor and the gate of Q1. I bypassed the mute line with a small (less than or equal to 0.25 inch diameter 4700pf(0.0047)disc cap.). The exact value is not critical, but use only a disc cap. It is convenient to install the cap on the top of the board directly above R15. Wire one lead to

a T1 ground terminal and the other lead to the R2/D1 cathode junction. This junction is the left terminal of R2. 4700pf is more than enough capacity to eliminate all noise from my PFR, yet it does not slow down QSK. If necessary you can use more capacitance or even add an aditional 4700pf capacitor directly from processor pin 25 to ground on the back side of the board. I only noticed this noise since I live in a quiet rural area of Alaska. Normal QRM and QRN would probably obscure this noise for most folks. It was not enough to significantly degrade the MDS measurements. Rick KL7CW Palmer, Alaska
>

2519. Re: [pfr3_group] Re: Microprocessor (or display) noise on 20 meters

Yahoo group: pfr3_group
Date: 2011-06-11 00:52:57 UTC
From: lee
Topic: 2495 Message: 2519

I need permission from Hendricks to install a bypass cap? To try a simple bypass cap to possibly remove some hum is not a BIG THING and certainly doesn't need a sellers permission! This is not major surgery.

If you have a problem try it. If you don't have a problem forget it. In fact, if you have the problem and wish not to try and rectify the problem, do that too. We certainly don't need a heads up nod it's OK to use an extra bypass cap somewhere in any rig including a PFR-3 from Hendricks or anyone else. The cap can't do any harm and could possibly rid you of a problem.

With all the mods I put in my QRP kits, the idea of possibly adding one bypass cap somewhere would not have me give it a second thought.

Bob's suggestion of making sure ground screws are tight and jacks are properly grounded and not insolated by paint is also a good tip everyone should always consider anytime a kit from anyone is put together.

Bob also mentioned grounding the crystals (filter crystals). Sometimes this helps and sometimes it doesn't matter. For what ever reason, it helps with some rig designs and not in others. Doing it certainly should not hurt anything unless the ground leads are too long. I have no experience doing it or not doing it with a PFR-3.

Lee, w0vt

2520. PFR-3 almost done....

Yahoo group: pfr3_group
Date: 2011-06-11 03:42:57 UTC
From: Michael
Topic: 2520 Message: 2520

Winding the big bad T3 in a few minutes. So far all smoke tests and voltage test have checked out. The voltage checks on pins 1 and 13 of U8 were a bit low, but I have a cheap volt meter and the instructions said that the readings could vary depending on what volt meter you have.

There were just a few missing parts (resistors and capacitors) but nothing I couldn't replace at our local electronics store (Gateway Electronics). I could have reported the missing components to Doug, but I didn't want to wait.

A ham friend of mine is going to help me align and test the radio Sunday. He has all the cool toys needed for a proper alignment.

All in all it has gone together well, and I now feel like I know how to properly wind a toroid. Of course we will find out Sunday how well I did! :)

Mike KD0MEQ

2521. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-11 15:21:30 UTC
From: Christer Andersson
Topic: 2386 Message: 2521

Hi Dale and Steve !
I cant find out what really did go wrong , beats me.
First a recap for you Steve. Have worked about 30 QSOs with this litle fantastic rig on all the bands and everything went alright. Some qsos on 40 m with an enfeed halfwave antenna and the BLT on. som from my own QTH with my fixed antennas. via the BNC connector.
And so was the case when it did break down.
First it just shuted down.
After restart the reseiver did work ok but when i hit the padle the side tone did go up and the display did flicker in intencety then shut down after a couple of seconds.
then it did shut down every time i did hit the padle.
There we are to day
 After some testing and finaly removal of the BS170 findig out that they were ok i removed the 74HS02 ant then it worked.

I did suspect some short on on the board but I have looked it over with a magnifying gals (from 4 to 25 times) over and over again and not found eny such problem.
Reversing the U8 no, possble but no.

A static discharge possble but i do not think so i was very cerefull and did ground me and the board before puting it in place.

So now i did check the output pins on the IC socket with the IC removed. also i have not replaced the BS 170s yet. and the value was infinet resistanse.
Measuring across leg 7 and 14 on the IC i got about 4,7 kohms both ways.(with the IC on the table.)

Do you have any commets on this so please tel me.
I hope it will work when i get the new IC. I would like to use it on a small trip this thursday. I have other equipment but they are a lot more cumbersome.
 Have a good weekend.
73 de SM4LRA / Christer

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 11, 2011 1:41:41 AM
Subject: RE: [pfr3_group] PFR3 troubble.

Thank you Steve, that makes sense. A check with an ohmeter on the output pins of U8 with it out of the circuit would sure tell the tale.
Will sure be interesting to see the results of that, Christer,

--... ...-- Dale - WC7S in Wy

_____
To: pfr3_group@yahoogroups.com
From: steve.kd1jv@...
Date: Fri, 10 Jun 2011 15:17:09 -0400
Subject: Re: [pfr3_group] PFR3 troubble.

It's also possible that one of the output pins of U8 is shorted to ground, due to a solder short on the board, which I would think is the most likely cause of the problem.

Steve KD1JV

Hi Christer,
  Sounds like you isolated the issue with U8... now that it is out, and you're stuck waiting for a new one... how about taking an ohmeter reading across U8, pin 14 to pin 7. Then treat it as a diode, reverse the ohmeter leads and measure again. Maybe that would help us to understand what happened.?
  That reading should not be low, both polarities.

2522. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-11 16:52:11 UTC
From: Steven Weber
Topic: 2386 Message: 2522

Christer,

I didn't know the rig had been working, I though it was a new build.

What have you been using for a power supply? If you have been using batteries, it is possible they are still good enough to run the receiver, but die when trying to transmit. If you are using the batteries internal to the rig, some people have had trouble with the battery holders developing a high resistance.

If on the other hand, the rig still acts up when using an external, regulated mains supply, then you will have to hope U8 did indeed go bad for some reason.

Steve

Hi Dale and Steve !
I cant find out what really did go wrong , beats me.
First a recap for you Steve. Have worked about 30 QSOs with this litle fantastic rig on all the bands and everything went alright. Some qsos on 40 m with an enfeed halfwave antenna and the BLT on. som from my own QTH with my fixed antennas. via the BNC connector.
And so was the case when it did break down.
First it just shuted down.
After restart the reseiver did work ok but when i hit the padle the side tone did go up and the display did flicker in intencety then shut down after a couple of seconds.
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After some testing and finaly removal of the BS170 findig out that they were ok i removed the 74HS02 ant then it worked.

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A static discharge possble but i do not think so i was very cerefull and did ground me and the board before puting it in place.
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Measuring across leg 7 and 14 on the IC i got about 4,7 kohms both ways.(with the IC on the table.)

Do you have any commets on this so please tel me.
I hope it will work when i get the new IC. I would like to use it on a small trip this thursday. I have other equipment but they are a lot more cumbersome.
Have a good weekend.
73 de SM4LRA / Christer

2523. Re: [pfr3_group] Microprocessor (or display) noise on 20 meters

Yahoo group: pfr3_group
Date: 2011-06-11 22:10:27 UTC
From: f6ddv
Topic: 2495 Message: 2523

Hello Bob
and hello to all
It has nothing to do, of course, but on the TEN-TEX Jupiter, I had everything apart due to RF feedback. and make changes, yet the reputation is good, but the old principles are forgotten! ...
By inspecting it carefully, it is certain that the correct connection of the masses of the plates and the housing is very important.
The output coaxial connector must be fully chassis, and all bodies of Jacq paddle and HP and others.
All masses of coaxial cables should be checked.
Coaxial cables should not happen in the same ways that other son of power, they must be well bonded to the sheets with adhesive tape and be as short as possible.
All screws should be in contact with the sheets and boxes of paint must be removed.
Many problems come from this
It is interesting to add small ferrite around and from some of the RF cable for HF is present strong
Both Key to exit or paddle as 12 volt or speaker.
leaving the antenna cable is often a good solution too.
Also do not héziter to add decoupling capacitors of several values in parallel, chemical 10 nF and 100 nF between the + volts and ground.
after these changes, made to test gradually we are often surprised to find that the problems have disappeared.
Good luck in solving these problems annoying.
73s
Jean-paul F6DDV

----- Original Message -----
From: OllySteed@...
To: pfr3_group@yahoogroups.com
Sent: Friday, June 10, 2011 10:03 PM
Subject: Re: [pfr3_group] Microprocessor (or display) noise on 20 meters

Hi Jean and members.
Now and then I get that but very low level
What I did was looses and retightened all screws on the PC board.
I grounded the XTALS.
I then scraped all that shiny stuff from the key jack,antenna connector and phone jack and now all is fine.
BOB
AF2Q

In a message dated 6/10/2011 4:34:20 P.M. Atlantic Daylight Time, f6ddv@... writes:

Hello Rick
And hello to all
It's very interesting to know this, we call it here feedbacks from users.
I have one question though:
That he is consulted, tested and then validated by the company for Hendricks be introduced into the manual?

sagit because of an amendment to a major improvement, it is a problem with this transceiver, or this is called an "isolated case"?
and it has not been observed on other pfr3?
I must note that to make this change as I am currently mounting kit?
Or maybe I say something stupid, and you're one of those responsible for testing and improving products Hendricks?
73s to all
Jean-Paul F6DDV

From: kl7cw

2524. Re: [pfr3_group] Microprocessor (or display) noise on 20 meters

Yahoo group: pfr3_group
Date: 2011-06-12 04:27:15 UTC
From: OllySteed@aol.com
Topic: 2495 Message: 2524

Hi Jean,
I think the 2 band rig for Europe is the same as the one from Ten Tec.
Same rig and no changed.
This is the first time I ever heard on a rig not being able to transmit on
1 band because the person used an end fed.
I have the MFJ 20 meter whip with a base loaded coil and it works like a
champ even indoors.
When I take the pfr3 out and just use it with my mobile Hustler it just
seems so quite and I don't hear any strange noise.
I did bind the entire rig and also the crystals.
I'm sure that one chip he removed is defective.
BOB
AF2Q

In a message dated 6/11/2011 7:41:23 P.M. Atlantic Daylight Time,
f6ddv@... writes:

☐

Hello Bob
and hello to all
It has nothing to do, of course, but on the TEN-TEX Jupiter, I had
everything apart due to RF feedback. and make changes, yet the reputation is good,
but the old principles are forgotten! ...
By inspecting it carefully, it is certain that the correct connection of
the masses of the plates and the housing is very important.
The output coaxial connector must be fully chassis, and all bodies of Jacq
paddle and HP and others.
All masses of coaxial cables should be checked.
Coaxial cables should not happen in the same ways that other son of power,
they must be well bonded to the sheets with adhesive tape and be as short
as possible.
All screws should be in contact with the sheets and boxes of paint must be
removed.
Many problems come from this
It is interesting to add small ferrite around and from some of the RF
cable for HF is present strong
Both Key to exit or paddle as 12 volt or speaker.
leaving the antenna cable is often a good solution too.
Also do not héziter to add decoupling capacitors of several values in
parallel, chemical 10 nF and 100 nF between the + volts and ground.
after these changes, made to test gradually we are often surprised to find
that the problems have disappeared.
Good luck in solving these problems annoying.
73s

Jean-paul F6DDV

2525. Paddles

Yahoo group: pfr3_group
Date: 2011-06-12 06:32:58 UTC
From: lee
Topic: 2477 Message: 2525

I am getting into this PFR-3 radio late in the game. I understand Hendricks no longer sells a paddle for the radio. Is there someone making a similar paddle to the Hendricks type these days? I think maybe Ren has some paperclip kind of thingy and W5JH has a “straight on” paddle kit. I’m not sure I want a bolt on “straight on” paddle and I don’t think I want a paper clip type thingy either. I think I would rather use an independent paddle then have a bolt on “straight on” paddle mounted on the radio.
Who is making/selling a Hendricks type angle paddle these days?
Lee, w0vt

2526. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-06-12 09:15:12 UTC
From: OllySteed@aol.com
Topic: 2181 Message: 2526

Hi Le,
Many people told me they did not like the paddles that plugged in at an angle like shown in the picture.
Snags on other items to easy and some even broke off the Jack.
What Rem made I thing needs 2 holes drilled but from looking at the picture they do fold back and so far I heard nothing bad about them,.
He also had a few made for guys to use to see how they liked them and all reports were good,.
$45.00 I think but he does put a lot of time into making them.
BOB
AF2Q

In a message dated 6/12/2011 3:33:11 A.M. Atlantic Daylight Time, pulsarxp@... writes:

Who is making/selling a Hendricks type angle paddle these days?

Lee, w0vt

2527. Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 09:23:35 UTC
From: OllySteed@aol.com
Topic: 2527 Message: 2527

Someone here or another list was looking for a cheap key
I found this on Morse express.
I'm sending for that 50's vintage key with the ball bearings
BOB
AF2Q

http://www.mtechnologies.com/ameco/keys.htm
(http://www.mtechnologies.com/ameco/keys.htm)

http://www.mtechnologies.com/ameco/keys.htm
(http://www.mtechnologies.com/ameco/keys.htm)

2528. Re: [pfr3_group] Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 13:04:13 UTC
From: Carlo Strozzi
Topic: 2527 Message: 2528

On Sun, Jun 12, 2011 at 05:23:35AM -0400, OllySteed@... wrote:
>
>
> Someone here or another list was looking for a cheap key
> I found this on Morse express.
> I'm sending for that 50's vintage key with the ball bearings

Bob,

I confirm that those Ameco keys are cheap and very functional.
Due to the low price one can easily buy more than one and get
creative, like I did :-)

http://www.strozzi.it/users/carlo/hamradio/hb-paddles/epsn5113.html

ciao,
Carlo

--
Software Patents kill Innovation: say NO to Software Patents!
I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2529. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-06-12 13:36:21 UTC
From: Bill Adams
Topic: 2477 Message: 2529

The W5JH paddle can be independently deployed using a simple patch cord. I built one of his kits and after getting use to its feel, I'm very pleased with it

Bill AF4B
Long : -97.10209 W (-97° 6' 8'' W)
Lat : 32.59437 N (32° 35' 40'' N)
Maidenhead grid : EM12ko
USNG : 14S PB 78160 07850
MAPSCO map grid : 125a Tarrant Co., TX.

From: lee <pulsarxp@embarqmail.com>
To: pfr3_group@yahoogroups.com
Sent: Sunday, June 12, 2011 1:32 AM
Subject: [pfr3_group] Paddles

I
am getting into this PFR-3 radio late in the game. I understand Hendricks
no longer sells a paddle for the radio. Is there someone making a similar
paddle to the Hendricks type these days? I think maybe Ren has some
paperclip kind of thingy and W5JH has a “straight on” paddle kit. I’m not
sure I want a bolt on “straight on” paddle and I don’t think I want a paper clip
type thingy either. I think I would rather use an independent paddle then
have a bolt on “straight on” paddle mounted on the radio.

Who
is making/selling a Hendricks type angle paddle these days?

Lee,
w0vt

2530. RE: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-06-12 13:39:12 UTC
From: Dale Putnam
Topic: 2181 Message: 2530

Hi Lee,
I have one of Ren's paddles for hte PFR3, and it is a good, simple, easy to use, easy to adjust, robust paddle. Mine had an issue when it arrived, spoke with Ren, five minutes fixed it. Besides a fine fellow to talk with, I now have a good paddle to carry on my PFR3, that I can count on being there, when I need it next.
It fastens to the PFR3 with the same screw mounts that don't require any additional drilling. Very nice indeed.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
CC: pulsarxp@...
From: OllySteed@...
Date: Sun, 12 Jun 2011 05:15:12 -0400
Subject: Re: [pfr3_group] Paddles

Hi Le,
Many people told me they did not like the paddles that plugged in at an angle like shown in the picture.
Snags on other items to easy and some even broke off the Jack.
What Rem made I thing needs 2 holes drilled but from looking at the picture they do fold back and so far I heard nothing bad about them,.
He also had a few made for guys to use to see how they liked them and all reports were good,.
$45.00 I think but he does put a lot of time into making them.
BOB
AF2Q

In a message dated 6/12/2011 3:33:11 A.M. Atlantic Daylight Time, pulsarxp@... writes:

Who is making/selling a Hendricks type angle paddle these days?

Lee, w0vt

2531. Re: [pfr3_group] Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 13:42:49 UTC
From: BOB AF2Q
Topic: 2527 Message: 2531

Hi carlo,yes when I was a Novice in 1974 I put 2 of the radio Shack oval type keys back to back. For 4.99 you got a nice straight key with ball bearings that was very smooth and the other one for $10.00 just doesn't make any sense to home brew one. I saw that palm paddle and I just can't see myself paying over $100.00 for that. For 30 dollars more you can get a nice Chrome Bencher Bob AF2Q
Former member of the 12 O'clock Skydiving Team

-----Original Message-----
From: Carlo Strozzi <carlos@linux.it>
Sender: pfr3_group@yahoogroups.com
Date: Sun, 12 Jun 2011 15:04:13
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Cheap Straight keys

On Sun, Jun 12, 2011 at 05:23:35AM -0400, OllySteed@aol.com wrote:
>
>
> Someone here or another list was looking for a cheap key
> I found this on Morse express.
> I'm sending for that 50's vintage key with the ball bearings

Bob,

I confirm that those Ameco keys are cheap and very functional.
Due to the low price one can easily buy more than one and get
creative, like I did :-)

http://www.strozzi.it/users/carlo/hamradio/hb-paddles/epsn5113.html

ciao,
Carlo

--
Software Patents kill Innovation: say NO to Software Patents!
I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

Yahoo! Groups Links

2532. Re: [pfr3_group] Microprocessor (or display) noise on 20 meters

Yahoo group: pfr3_group
Date: 2011-06-12 14:23:04 UTC
From: f6ddv
Topic: 2495 Message: 2532

Hello Bob
Yes, it's the same version, sure, why do four different models to distributors? it would not make sense ...
The mine is 3 bands, bought directly in China, so I can not speak to those sold by 4 companies.
in the soft (chip) is certainly not the same, and hard inside probably not, I have not seen pictures.
In any case, I've never heard of models 3 or 4 bands since ...
But mine is no problem with all kinds of antennas, I can not criticize this construction is successful, a pity that in making ale was stopped because the band was No. 4 on the road.
I wish I had the components and documentation for him ...
Well, this is so, we must forget ... H.I.
I received an email from Doug who asked me to apologize because there will be late for my pfr3 (for June 20 is good) it's okay for me, to family life as well, I told him "no problem ...
73s
Jean paul F6DDV
----- Original Message -----
From: OllySteed@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, June 12, 2011 6:27 AM
Subject: Re: [pfr3_group] Microprocessor (or display) noise on 20 meters

Hi Jean,
I think the 2 band rig for Europe is the same as the one from Ten Tec.
Same rig and no changed.
This is the first time I ever heard on a rig not being able to transmit on 1 band because the person used an end fed.
I have the MFJ 20 meter whip with a base loaded coil and it works like a champ even indoors.
When I take the pfr3 out and just use it with my mobile Hustler it just seems so quite and I don't hear any strange noise.
I did bind the entire rig and also the crystals.
I'm sure that one chip he removed is defective.
BOB
AF2Q

2533. Re: [pfr3_group] Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 14:42:14 UTC
From: Mike Malone
Topic: 2527 Message: 2533

Holy smokes Carlos, that thing is cool! I bet the mice stay away from your place, I suspect you might just have a better mousetrap around there too.

Mike KD5KXF

2534. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-06-12 14:52:49 UTC
From: f6ddv
Topic: 2181 Message: 2534

Hello everyone
Oh, it should not be difficult to construct a simple double touch with an old saw blade and very little mechanical and then fix it on the TRX yellow ...
For me the double paddle mode and b, it's worthless, you must be a true champion to use it! It bothers me rather, I make mistakes with it, even being in fashion ... I do not understand why I thought that when one mode to clamp the pallets it does not matter ...
Well, I was wrong!
On my Bencher BY-1 there is a wedge between the arm silicone palettes ... (yes, I swear it's true)
73s
Jean paul F6DDV

----- Original Message -----
From: lee
To: pfr3_group@yahoogroups.com
Sent: Sunday, June 12, 2011 8:32 AM
Subject: [pfr3_group] Paddles

I am getting into this PFR-3 radio late in the game. I understand Hendricks no longer sells a paddle for the radio. Is there someone making a similar paddle to the Hendricks type these days? I think maybe Ren has some paperclip kind of thingy and W5JH has a “straight on” paddle kit. I’m not sure I want a bolt on “straight on” paddle and I don’t think I want a paper clip type thingy either. I think I would rather use an independent paddle then have a bolt on “straight on” paddle mounted on the radio.

Who is making/selling a Hendricks type angle paddle these days?

Lee, w0vt

2535. RE: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-06-12 15:08:34 UTC
From: Dale Putnam
Topic: 2181 Message: 2535

W5JH has a Black Widow paddle that fastens onto the PFR3, with larger finger plates that work great with my clumsy fingers... (after handling horses all day, with ropes and saddles, my hands get clumsy) It is a larger footprint than Ren's, but it feels good too. And it matches the Baby Black Widow that I have on the operating desk too.
Very nice, and it polishes up very nicely too.
I like the looks of it very well, although I am not going to subject it to the saddle bag, like I do Ren's. Two different paddles, two different applications... both send very well, I usually ragchew about 20 - 25 wpm, so they both are nice for that too.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: f6ddv@wanadoo.fr
Date: Sun, 12 Jun 2011 16:52:49 +0200
Subject: Re: [pfr3_group] Paddles

☐
Hello everyone
Oh, it should not be difficult to construct a simple double touch with an old saw blade and very little mechanical and then fix it on the TRX yellow ...
For me the double paddle mode and b, it's worthless, you must be a true champion to use it!
It bothers me rather, I make mistakes with it, even being in fashion ... I do not understand why I thought that when one mode to clamp the pallets it does not matter ...
Well, I was wrong!
On my Bencher BY-1 there is a wedge between the arm silicone palettes ... (yes, I swear it's true)
73s
Jean paul F6DDV

----- Original Message -----
From: lee
To: pfr3_group@yahoogroups.com
Sent: Sunday, June 12, 2011 8:32 AM
Subject: [pfr3_group] Paddles

I am getting into this PFR-3 radio late in the game. I understand Hendricks no longer sells a paddle for the radio. Is there someone making a similar paddle to the Hendricks type these days? I think maybe Ren has some paperclip kind of thingy and W5JH has a “straight on” paddle kit. I’m not sure I want a bolt on “straight on” paddle and I don’t think I want a paper clip type thingy either. I think I would rather use an independent paddle then have a bolt on “straight on” paddle mounted on the radio.

Who is making/selling a Hendricks type angle paddle these days?

Lee, w0vt

2536. Re: [pfr3_group] Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 15:51:33 UTC
From: Carlo Strozzi
Topic: 2527 Message: 2536

On Sun, Jun 12, 2011 at 01:42:49PM +0000, BOB AF2Q wrote:
> Hi carlo,yes when I was a Novice in 1974 I put 2 of the radio Shack
> oval type keys back to back. For 4.99 you got a nice straight key with
> ball bearings that was very smooth and the other one for $10.00 just
> doesn't make any sense to home brew one. I saw that palm paddle and I
> just can't see myself paying over $100.00 for that. For 30 dollars more
> you can get a nice Chrome Bencher Bob AF2Q

Bob,

yes, prices of most paddles and keys have gone crazy lately. And they do
not even always work that fine either.

ciao,
Carlo

--
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I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2537. Re: [pfr3_group] Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 16:00:45 UTC
From: Carlo Strozzi
Topic: 2527 Message: 2537

On Sun, Jun 12, 2011 at 10:42:14AM -0400, Mike Malone wrote:
> Holy smokes Carlos, that thing is cool! I bet the mice stay away from your
> place, I suspect you might just have a better mousetrap around there too.

Mike,

yes, to me that thing looks a bit like a two-legged dinosaur with its
neck leaning downwards to eat grass :-) But it works really great! I
believe that to get something as functional, completely adjustable,
but ready-made, you may have to pay big bucks! And I wanted it to be
heavy, so the whole thing is about 3.5 pounds. It stays put, and it
feels really good to operate.

ciao,
Carlo

--
Software Patents kill Innovation: say NO to Software Patents!
I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2538. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-06-12 17:50:28 UTC
From: lee
Topic: 2181 Message: 2538

Thanks everyone for the input on all this. I've come to the conclusion, for now, use an outboard set of paddles to one's own liking for the following reasons:
1. I have paddles, so there is nothing further to buy.
2. If a set was bolted to the radio, I would prefer them to be on an angle so the radio was facing you square.
3. Bob is right, a bolted on set would snag other objects and make the thing bulky.
4. I guess nobody is selling a Hendricks type set right now, anyway!
5. The yet to arrive kit most likely won't be used much in the field and most likely used in a ham shack, so a discreet paddle could easily be used.
Lee, w0vt

Hi Le,
Many people told me they did not like the paddles that plugged in at an angle like shown in the picture.
Snags on other items to easy and some even broke off the Jack.
What Rem made I thing needs 2 holes drilled but from looking at the picture they do fold back and so far I heard nothing bad about them,.
He also had a few made for guys to use to see how they liked them and all reports were good,.
$45.00 I think but he does put a lot of time into making them.
BOB
AF2Q

2539. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-06-12 18:09:05 UTC
From: OllySteed@aol.com
Topic: 2181 Message: 2539

Hi Lee,
I was speaking of the HENDRICKS type because the way they stuck out.
What Rem has been building,they fold up and against the radio.
However I just feel that I rather have a 3-4 foot cord,set the rig on the dash and have my small paddles velcroed to the clip board.
Staples has some nice neat bomb proof hard plastic boxes from tiny to shoe box size and no matter what size their $2.00 each.
They even have latches on them to keep the top on nice and snug.
I picked up several smaller ones fro my small paddles,cords,spare parts,antenna wire and a larger one for the pfr3.
the rig gets wrapped in soft cloth and the smaller boxes fit in the larger one just nice and I have everything sealed and all items in one box and nothing gets banged up another item and cause scratches.
BOB
AF2Q

In a message dated 6/12/2011 2:50:32 P.M. Atlantic Daylight Time, pulsarxp@... writes:

3. Bob is right, a bolted on set would snag other objects and make the thing bulky.

4. I guess nobody is selling a Hendricks type set right now, anyway!

5. The yet to arrive kit most likely won’t be used much in the field and most likely used in a ham shack, so a discreet paddle could easily be used.

Lee, w0vt

2540. Re: [pfr3_group] Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 18:12:50 UTC
From: OllySteed@aol.com
Topic: 2527 Message: 2540

Carlo,
R&L electronics sells the ball bearing type oval key $2.00 cheaper then
Morse express.
.
Yeah that key you made does look sort of spooky.I bet you can make some
neat land mines:-)
BOB
AF2Q

In a message dated 6/12/2011 3:03:29 P.M. Atlantic Daylight Time, carlos@l
inux.it writes:

yes, to me that thing looks a bit like a two-legged dinosaur with its
neck leaning downwards to eat grass :-) But it works really great! I
believe that to get something as functional, completely adjustable,
but ready-made, you may have to pay big bucks! And I wanted it to be
heavy, so the whole thing is about 3.5 pounds. It stays put, and it
feels really good to operate.

ciao,
Carlo

2541. Re: [pfr3_group] Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 18:25:45 UTC
From: lee
Topic: 2527 Message: 2541

I purchased a hand key from Morse Express once and never again! The knob was on an angle as the bolt in it was not plumb. The knob was defective in my way of looking at it. I complained and was told another knob would cost me XXX amount of money. I never bought another thing from this outfit. Life is too short for dealing with people like this. I consider them evil.

Lee, w0vt

From: OllySteed@...
Sent: Sunday, June 12, 2011 1:12 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Cheap Straight keys

Carlo,
R&L electronics sells the ball bearing type oval key $2.00 cheaper then Morse express.
.
Yeah that key you made does look sort of spooky.I bet you can make some neat land mines:-)
BOB
AF2Q

2542. Re: [pfr3_group] Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 18:41:49 UTC
From: OllySteed@aol.com
Topic: 2527 Message: 2542

Hi Lee,
I did post the link and Morse does not make the keys.
They just sell them and that one with the oval base I think is made by Ameco and have been making them for years.
Well I purchased the large paddles that look gold but they were not the one dipped to give it that nice shine.
About a year later I wanted the small brother to that and I told them about the first one thinking they would give me a break but they never said a word.
They have a nice bug for $1,499.00.
All your buying it all the time polishing and several dips in the chrome vat.
But I looked at the small palm paddle and there is no way I'd drop that much money on such a tiny gimmick.
BOB
AF2Q

In a message dated 6/12/2011 3:25:51 P.M. Atlantic Daylight Time, pulsarxp@... writes:

I purchased a hand key from Morse Express once and never again! The knob was on an angle as the bolt in it was not plumb. The knob was defective in my way of looking at it. I complained and was told another knob would cost me XXX amount of money. I never bought another thing from this outfit. Life is too short for dealing with people like this. I consider them evil.

Lee, w0vt

2543. Re: [pfr3_group] Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 18:46:33 UTC
From: lee
Topic: 2527 Message: 2543

$1500.00 for a key ???? Not for me!

Lee, w0vt

From: OllySteed@...
Sent: Sunday, June 12, 2011 1:41 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Cheap Straight keys

Hi Lee,
I did post the link and Morse does not make the keys.
They just sell them and that one with the oval base I think is made by Ameco and have been making them for years.
Well I purchased the large paddles that look gold but they were not the one dipped to give it that nice shine.
About a year later I wanted the small brother to that and I told them about the first one thinking they would give me a break but they never said a word.
They have a nice bug for $1,499.00.
All your buying it all the time polishing and several dips in the chrome vat.
But I looked at the small palm paddle and there is no way I'd drop that much money on such a tiny gimmick.
BOB
AF2Q

2544. Re: [pfr3_group] Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 19:09:02 UTC
From: OllySteed@aol.com
Topic: 2527 Message: 2544

Even if I was rich I wouldn't spend that kind of money for a Bug.
BOB
AF2Q

In a message dated 6/12/2011 3:46:45 P.M. Atlantic Daylight Time,
pulsarxp@... writes:

$1500.00 for a key ???? Not for me!

Lee, w0vt

2545. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-06-12 19:22:55 UTC
From: f6ddv
Topic: 2181 Message: 2545

Hello Dale
Yes, I think I saw ... but I did not find the beautiful paddle.
Maybe he is too good for a small portable transceiver, it should perhaps be a more slender, lighter and simpler.
73s
JP F6DDV

----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Sunday, June 12, 2011 5:08 PM
Subject: RE: [pfr3_group] Paddles

W5JH has a Black Widow paddle that fastens onto the PFR3, with larger finger plates that work great with my clumsy fingers... (after handling horses all day, with ropes and saddles, my hands get clumsy) It is a larger footprint than Ren's, but it feels good too. And it matches the Baby Black Widow that I have on the operating desk too.
Very nice, and it polishes up very nicely too.
I like the looks of it very well, although I am not going to subject it to the saddle bag, like I do Ren's. Two different paddles, two different applications... both send very well, I usually ragchew about 20 - 25 wpm, so they both are nice for that too.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Sun, 12 Jun 2011 16:52:49 +0200
Subject: Re: [pfr3_group] Paddles

☐
Hello everyone
Oh, it should not be difficult to construct a simple double touch with an old saw blade and very little mechanical and then fix it on the TRX yellow ...
For me the double paddle mode and b, it's worthless, you must be a true champion to use it!
It bothers me rather, I make mistakes with it, even being in fashion ... I do not understand why I thought that when one mode to clamp the pallets it does not matter ...
Well, I was wrong!
On my Bencher BY-1 there is a wedge between the arm silicone palettes ... (yes, I swear it's true)
73s
Jean paul F6DDV

----- Original Message -----
From: lee
To: pfr3_group@yahoogroups.com

Sent: Sunday, June 12, 2011 8:32 AM
Subject: [pfr3_group] Paddles

I am getting into this PFR-3 radio late in the game. I understand Hendricks no longer sells a paddle for the radio. Is there someone making a similar paddle to the Hendricks type these days? I think maybe Ren has some paperclip kind of thingy and W5JH has a “straight on” paddle kit. I’m not sure I want a bolt on “straight on” paddle and I don’t think I want a paper clip type thingy either. I think I would rather use an independent paddle then have a bolt on “straight on” paddle mounted on the radio.

Who is making/selling a Hendricks type angle paddle these days?

Lee, w0vt

2546. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-06-12 19:35:10 UTC
From: lee
Topic: 2181 Message: 2546

Dale:

How much time did it take to “build” the Black Widow paddle for the PFR-3? (I don’t have a lot of patience for stuff like this. I get bored very quickly. That’s just me. I’m not sure I could stay at a project like this).

Lee, w0vt

From: Dale Putnam
Sent: Sunday, June 12, 2011 10:08 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Paddles

W5JH has a Black Widow paddle that fastens onto the PFR3, with larger finger plates that work great with my clumsy fingers... (after handling horses all day, with ropes and saddles, my hands get clumsy) It is a larger footprint than Ren's, but it feels good too.
And it matches the Baby Black Widow that I have on the operating desk too.
Very nice, and it polishes up very nicely too.
I like the looks of it very well, although I am not going to subject it to the saddle bag, like I do Ren's. Two different paddles, two different applications... both send very well, I usually ragchew about 20 - 25 wpm, so they both are nice for that too.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com

2547. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2011-06-12 19:36:07 UTC
From: Larry Makoski
Topic: 2181 Message: 2547

On 6/12/2011 1:50 PM, lee wrote:
>
>
> 4. I guess nobody is selling a Hendricks type set right now, anyway!
>

http://www.w5jh.net/BBW_PFR3.htm

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

2548. Re: [pfr3_group] Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 20:12:38 UTC
From: f6ddv
Topic: 2527 Message: 2548
Attachments: 1 described; binary payloads are missing from this source WARC

Hello to you
Really, I look at these things and I am a bit surprised
he did nothing reasonable in the prices of these key, it's better to build ...
I bought a Bencher Used in France the BY-1 black, it was a little dirty and needed some minor repairs.
I bought 50 € (about $ 35) and I am glad it is like new, I took time to repair it because it is a good object.
I understand that this is very personal, it is an object that is a natural extension of the Morse operator quality
and an operator can tell the quality difference to the touch in an extraordinary way.
But even as I think it's a bit much sometimes.
So for prf3, I want to have a simple double touch, screwed over and I take my time to build, or else I'll have to find a reasonable price, because I'm not a great operator Morse paddle key that deserves this award, HI

73s
Jean paul F6DDV

----- Original Message -----
From: OllySteed@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, June 12, 2011 9:09 PM
Subject: Re: [pfr3_group] Cheap Straight keys

Even if I was rich I wouldn't spend that kind of money for a Bug.
BOB
AF2Q

In a message dated 6/12/2011 3:46:45 P.M. Atlantic Daylight Time, pulsarxp@... writes:

$1500.00 for a key ???? Not for me!

Lee, w0vt

2549. Re: [pfr3_group] Cheap Straight keys

Yahoo group: pfr3_group
Date: 2011-06-12 22:02:12 UTC
From: Thomas Whatley
Topic: 2527 Message: 2549

Boy, that would be a good sideswiper too. That is the way to go. Want
a challenge ? Try sending with a cootie key! T. Bone KI4FD

2550. U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-13 02:07:49 UTC
From: vk4zw
Topic: 2550 Message: 2550

I am in the process of constructing a PFR3 and noticed that the centre pin on U10 is unsoldered. Is this the normal case or should I solder it to the circuit board?

Thanks for any assistance.

Regards,

Ray VK4ZW

2551. Winding T1 on the PFR3

Yahoo group: pfr3_group
Date: 2011-06-13 02:15:53 UTC
From: vk4zw
Topic: 2551 Message: 2551

I am in the process of constructing a PFR3 and wanted to clarify the wingding of T1. The diagram and explanation in the construction notes are not that clear.

My understanding is to wind the 40 turns of the secondary onto the powdered iron core bring the wire out into a loop and continue winding the 5 turns of the primary after the 40 turns of the secondary. Would this be correct?

Thank you for any assistance.

Regards,

Ray VK4ZW

2552. RE: [pfr3_group] Winding T1 on the PFR3

Yahoo group: pfr3_group
Date: 2011-06-13 02:30:57 UTC
From: Dale Putnam
Topic: 2551 Message: 2552

Yes Ray, That is correct, with enough of a loop to tin, then cut, and insert. I usually leave about 1/2 inch of a loop, then also hold everything in place with a drip of candle wax, until it is soldered in place. By then the candle wax may run a bit and hold the toroid in place too. It is a good radio. Have a blast with it,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: randrbuck@...
Date: Mon, 13 Jun 2011 02:15:53 +0000
Subject: [pfr3_group] Winding T1 on the PFR3

I am in the process of constructing a PFR3 and wanted to clarify the wingding of T1. The diagram and explanation in the construction notes are not that clear.

My understanding is to wind the 40 turns of the secondary onto the powdered iron core bring the wire out into a loop and continue winding the 5 turns of the primary after the 40 turns of the secondary. Would this be correct?

Thank you for any assistance.

Regards,

Ray VK4ZW

2553. RE: [pfr3_group] U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-13 02:37:47 UTC
From: Dale Putnam
Topic: 2550 Message: 2553

Yes Ray, U10 needs to have all its leads connected. Pin 2 is the input to U10.Have a great build,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: randrbuck@...
Date: Mon, 13 Jun 2011 02:07:49 +0000
Subject: [pfr3_group] U10 centre pin unsoldered

I am in the process of constructing a PFR3 and noticed that the centre pin on U10 is unsoldered. Is this the normal case or should I solder it to the circuit board?

Thanks for any assistance.

Regards,

Ray VK4ZW

2554. Touching the Couils

Yahoo group: pfr3_group
Date: 2011-06-13 04:42:55 UTC
From: Felipe Barco
Topic: 2554 Message: 2554

Hello,

testing my PFR-3 without an antenna connected, I noticed that the noise is a lot louder when I touch L1. Any idea why this happens?

Thanks

Felipe
PU2OVA

2555. PFR-3A

Yahoo group: pfr3_group
Date: 2011-06-13 05:03:01 UTC
From: lee
Topic: 2181 Message: 2555

My friend asked me to build a PFR-3A for him. He is a new ham. I agreed and ordered it for him and he paid me for it. The kit has not been received but a small wait was/is expected in receiving it. In the meantime, my friend had second thoughts and wishes to put together some simple kit himself and was wishing he had not ordered the kit. I offered to buy it from him, as over the last couple of weeks, I realized what a nice rig it is and I wanted one for myself anyway. Now the yet to arrive kit will be mine. I didn’t go to Ham-Com this year so I saved $300 by not going. I’ll rationalize buying the kit with the savings of not going to Ham-Com.
Lee, w0vt

2556. Re: [pfr3_group] Touching the Couils

Yahoo group: pfr3_group
Date: 2011-06-13 05:06:23 UTC
From: Steve Smith
Topic: 2554 Message: 2556

Hello,

That is because your body acts as an antenna and couples band noise into L1 which is at the input to the mixer.

73.......Steve Smith WB6TNL

Please note: message attached

From: Felipe Barco <felipebarco@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Touching the Couils
Date: Mon, 13 Jun 2011 01:42:55 -0300

Hello,

testing my PFR-3 without an antenna connected, I noticed that the noise is a lot louder when I touch L1. Any idea why this happens?

Thanks

Felipe
PU2OVA

2557. PFR-3 Done!

Yahoo group: pfr3_group
Date: 2011-06-13 05:16:05 UTC
From: Michael
Topic: 2557 Message: 2557

Hey guys,

Went over to my fiends house to align and test the PFR-3. All tests passed with flying colors. He is very experienced and said it sounded great.

Took it home and connected to my Par End Fed 10/20/40 and heard several nice loud signals. During the stage 2 smoke test I thought the signals sounded a bit low, but they are nice and loud now. In fact, two of the signals were so loud I had to turn the volume down. Heard nice signals on all 3 bands.

Still haven't transmitted yet, I am going to use a K1EL keyboard keyer/decoder while I'm still learning.

Anyone up for a QSO tomorrow afternoon/evening? It would be cool if my first ever CW contact and first contact on the new radio was to another PFR-3. Before you volunteer, keep in mind I'm a total newb at this!

Mike KD0MEQ

2558. Re: [pfr3_group] PFR-3 Done!

Yahoo group: pfr3_group
Date: 2011-06-13 05:21:37 UTC
From: Steve Smith
Topic: 2557 Message: 2558

Hey Mike,

Congratulations on successfully completing your PFR! Sounds like you did a fine job.

Best of luck on the air!

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Michael" <moody.michael@gmail.com>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3 Done!
Date: Mon, 13 Jun 2011 05:16:05 -0000

Hey guys,

Went over to my fiends house to align and test the PFR-3. All tests passed with flying colors. He is very experienced and said it sounded great.

Took it home and connected to my Par End Fed 10/20/40 and heard several nice loud signals. During the stage 2 smoke test I thought the signals sounded a bit low, but they are nice and loud now. In fact, two of the signals were so loud I had to turn the volume down. Heard nice signals on all 3 bands.

Still haven't transmitted yet, I am going to use a K1EL keyboard keyer/decoder while I'm still learning.

Anyone up for a QSO tomorrow afternoon/evening? It would be cool if my first ever CW contact and first contact on the new radio was to another PFR-3. Before you volunteer, keep in mind I'm a total newb at this!

Mike KD0MEQ

2559. Re: [pfr3_group] PFR-3A

Yahoo group: pfr3_group
Date: 2011-06-13 05:30:11 UTC
From: Steve Smith
Topic: 1407 Message: 2559

It was simply meant to be, Lee. :-)

Best of luck with your kit.

Say, if your friend wants to build a QRP XCVR you might recommend an SW-xx kit. At least if he decides that kits are not his cup of tea he won't be out a lot of scratch.

73.......Steve Smith WB6TNL

From: "lee" <pulsarxp@embarqmail.com>
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] PFR-3A
Date: Mon, 13 Jun 2011 00:03:01 -0500

I saved $300 by not going. Iâ☐☐ll rationalize buying the kit with the savings of not going to Ham-Com.

2560. Re: [pfr3_group] PFR-3A

Yahoo group: pfr3_group
Date: 2011-06-13 05:47:29 UTC
From: lee
Topic: 1407 Message: 2560

Hi Steve,

First off the guy is my friend and he was not going to back out of the deal. In fact he already paid me for the kit. I was going to build it up free for him. Since I fell in love with the rig over the last few days, I suggested I buy it back from him so he could build a simple kit up himself. (I really think he could have built up the PFR-3A). He said OK if that is really what I wanted to do and there would be no hard feelings. I suggested a SW kit, but frankly, I think he is going to build something even simpler then that. (Probably near being a toy). I gave him a list of kits to ponder. What ever he buys, I'll help him with it if he runs into trouble. In the meantime, I got this great kit coming my way!

I'm building a home on a lake, nearly all myself and it is very near completion. It's taken around 9 to 10 years and the XYL wants to move into it, but not until the last nail has been driven. (Basically have to drywall the garage and build an oak stairway and bannister going upstairs). She ain't going to be too happy with me building another kit. Based on KD0MEQ's build time, it should not take very long to put the kit together. Maybe the XYL won't notice me taking a little time off the house project.

Lee, w0vt

It was simply meant to be, Lee. :-)

Best of luck with your kit.

Say, if your friend wants to build a QRP XCVR you might recommend an SW-xx kit. At least if he decides that kits are not his cup of tea he won't be out a lot of scratch.

73.......Steve Smith WB6TNL

2561. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-13 09:05:46 UTC
From: Christer Andersson
Topic: 2386 Message: 2561

Hi Steve !
I was running on batterys when it did break down. I tested with my powersuply on 12V and the sympthoms were the same with the supply connected.
When I get home this afternoon I will test with the new IC if its in the postbox. What hapend I supouse I will never know.

I long for my litle Yellow box. its a great transeiver.
Your ATS 4, is it posible that you will sell those kits in the future?

73 de SM4LRA / Christer

From: Steven Weber <steve.kd1jv@gmail.com>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 11, 2011 6:52:11 PM
Subject: Re: [pfr3_group] PFR3 troubble.

☐
Christer,

I didn't know the rig had been working, I though it was a new build.

What have you been using for a power supply? If you have been using batteries, it is possible they are still good enough to run the receiver, but die when trying to transmit. If you are using the batteries internal to the rig, some people have had trouble with the battery holders developing a high resistance.

If on the other hand, the rig still acts up when using an external, regulated mains supply, then you will have to hope U8 did indeed go bad for some reason.

Steve

Hi Dale and Steve !
>I cant find out what really did go wrong , beats me.
>First a recap for you Steve. Have worked about 30 QSOs with this litle fantastic
>rig on all the bands and everything went alright. Some qsos on 40 m with an
>enfeed halfwave antenna and the BLT on. som from my own QTH with my fixed
>antennas. via the BNC connector.
>And so was the case when it did break down.
>First it just shuted down.
>After restart the reseiver did work ok but when i hit the padle the side tone
>did go up and the display did flicker in intencety then shut down after a couple
>of seconds.
>then it did shut down every time i did hit the padle.
>There we are to day
> After some testing and finaly removal of the BS170 findig out that they were ok
>i removed the 74HS02 ant then it worked.

>
>I did suspect some short on on the board but I have looked it over with a
>magnifying gals (from 4 to 25 times) over and over again and not found eny such
>problem.
>Reversing the U8 no, possble but no.
>
>A static discharge possble but i do not think so i was very cerefull and did
>ground me and the board before puting it in place.
>
>So now i did check the output pins on the IC socket with the IC removed. also i
>have not replaced the BS 170s yet. and the value was infinet resistanse.
>Measuring across leg 7 and 14 on the IC i got about 4,7 kohms both ways.(with
>the IC on the table.)
>
>Do you have any commets on this so please tel me.
>I hope it will work when i get the new IC. I would like to use it on a small
>trip this thursday. I have other equipment but they are a lot more cumbersome.
> Have a good weekend.
>73 de SM4LRA / Christer
>
>

2562. Re: [pfr3_group] PFR-3A

Yahoo group: pfr3_group
Date: 2011-06-13 12:40:27 UTC
From: f6ddv
Topic: 1407 Message: 2562

Hello Lee
I have the solution to this problem of homes that do not end
One must look among those interested in the pfr3 and are also good specialists
for ramps and stairs in oak, and while you climb the small pfr3 specialists wood and walls of the house will be at work .. .
this is not a good idea?
73s
F6DDV

Hi Steve,

First off the guy is my friend and he was not going to back out of the deal. In fact he already paid me for the kit. I was going to build it up free for him. Since I fell in love with the rig over the last few days, I suggested I buy it back from him so he could build a simple kit up himself. (I really think he could have built up the PFR-3A). He said OK if that is really what I wanted to do and there would be no hard feelings. I suggested a SW kit, but frankly, I think he is going to build something even simpler then that. (Probably near being a toy). I gave him a list of kits to ponder. What ever he buys, I'll help him with it if he runs into trouble. In the meantime, I got this great kit coming my way!

I'm building a home on a lake, nearly all myself and it is very near completion. It's taken around 9 to 10 years and the XYL wants to move into it, but not until the last nail has been driven. (Basically have to drywall the garage and build an oak stairway and bannister going upstairs). She ain't going to be too happy with me building another kit. Based on KD0MEQ's build time, it should not take very long to put the kit together. Maybe the XYL won't notice me taking a little time off the house project.

Lee, w0vt

It was simply meant to be, Lee. :-)

Best of luck with your kit.

Say, if your friend wants to build a QRP XCVR you might recommend an SW-xx kit. At least if he decides that kits are not his cup of tea he won't be out a lot of scratch.

73.......Steve Smith WB6TNL

2563. Re: [pfr3_group] Touching the Couils

Yahoo group: pfr3_group
Date: 2011-06-13 12:28:03 UTC
From: f6ddv
Topic: 2554 Message: 2563

Hello
Would not it be possible to do as we see in some professional editing, a UC vande isolated below the microcontroller and grounded and can be like the above.
The decoupling with capacitors on the legs are also to remember ...
it is sometimes advisable to put the case of the XTAL to ground ... the usual methods to avoid harmonic oscillators ...
The case is closed and it ended the assembly, or they are testing on the table?
Maybe a small memo from the company would be welcome
It's strange, I have not heard of this on older versions of pfr3, users say?
should compare schematics and modifications have been made since ...
73s
JP F6DDV

----- Original Message -----
From: Felipe Barco
To: pfr3_group
Sent: Monday, June 13, 2011 6:42 AM
Subject: [pfr3_group] Touching the Couils

Hello,

testing my PFR-3 without an antenna connected, I noticed that the noise is a lot louder when I touch L1. Any idea why this happens?

Thanks

Felipe
PU2OVA

2564. Re: [pfr3_group] PFR-3 Done!

Yahoo group: pfr3_group
Date: 2011-06-13 19:21:54 UTC
From: John Flynn
Topic: 2557 Message: 2564

Congratulations. As a total newb myself (and one who is thinking--perhaps foolishly-- of building a kit as a first rig), how long did it take you to build it? Major frustrations? Thx.

73

~John KK4BOB

On Mon, Jun 13, 2011 at 1:16 AM, Michael <moody.michael@...> wrote:

>
>
> Hey guys,
>
> Went over to my fiends house to align and test the PFR-3. All tests passed
> with flying colors. He is very experienced and said it sounded great.
>
> Took it home and connected to my Par End Fed 10/20/40 and heard several
> nice loud signals. During the stage 2 smoke test I thought the signals
> sounded a bit low, but they are nice and loud now. In fact, two of the
> signals were so loud I had to turn the volume down. Heard nice signals on
> all 3 bands.
>
> Still haven't transmitted yet, I am going to use a K1EL keyboard
> keyer/decoder while I'm still learning.
>
> Anyone up for a QSO tomorrow afternoon/evening? It would be cool if my
> first ever CW contact and first contact on the new radio was to another
> PFR-3. Before you volunteer, keep in mind I'm a total newb at this!
>
> Mike KD0MEQ
>
>
>

--
John Flynn
Tallahassee, Florida
USA

2565. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-13 19:28:58 UTC
From: Christer Andersson
Topic: 2386 Message: 2565

Hi Steve, Dale.
Now its upp and running not yet in the box but still, puting out power as it should.
I replaced the U8 and tested . Voltage at L7 and the pads for the BS170s looked ok.
Then i did put in the BS170s and tested, bingo. power out.
Time will tell if it was just a bad component or if I have more to do, hope it´s ok.
I will get it in the box and test it out for real.
Thanks every one for all the comments and support.
I will post a not on how its going later.

73 de SM4LRA Christer

From: Steven Weber <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 11, 2011 6:52:11 PM
Subject: Re: [pfr3_group] PFR3 troubble.

☐
Christer,

I didn't know the rig had been working, I though it was a new build.

What have you been using for a power supply? If you have been using batteries, it is possible they are still good enough to run the receiver, but die when trying to transmit. If you are using the batteries internal to the rig, some people have had trouble with the battery holders developing a high resistance.

If on the other hand, the rig still acts up when using an external, regulated mains supply, then you will have to hope U8 did indeed go bad for some reason.

Steve

Hi Dale and Steve !
>I cant find out what really did go wrong , beats me.
>First a recap for you Steve. Have worked about 30 QSOs with this litle fantastic
>rig on all the bands and everything went alright. Some qsos on 40 m with an
>enfeed halfwave antenna and the BLT on. som from my own QTH with my fixed
>antennas. via the BNC connector.
>And so was the case when it did break down.
>First it just shuted down.
>After restart the reseiver did work ok but when i hit the padle the side tone
>did go up and the display did flicker in intencety then shut down after a couple
>of seconds.
>then it did shut down every time i did hit the padle.

>There we are to day
> After some testing and finaly removal of the BS170 findig out that they were ok
>i removed the 74HS02 ant then it worked.
>
>I did suspect some short on on the board but I have looked it over with a
>magnifying gals (from 4 to 25 times) over and over again and not found eny such
>problem.
>Reversing the U8 no, possble but no.
>
>A static discharge possble but i do not think so i was very cerefull and did
>ground me and the board before puting it in place.
>
>So now i did check the output pins on the IC socket with the IC removed. also i
>have not replaced the BS 170s yet. and the value was infinet resistanse.
>Measuring across leg 7 and 14 on the IC i got about 4,7 kohms both ways.(with
>the IC on the table.)
>
>Do you have any commets on this so please tel me.
>I hope it will work when i get the new IC. I would like to use it on a small
>trip this thursday. I have other equipment but they are a lot more cumbersome.
> Have a good weekend.
>73 de SM4LRA / Christer
>
>

2566. PFR-3A Kit Status

Yahoo group: pfr3_group
Date: 2011-06-13 19:41:37 UTC
From: lee
Topic: 2386 Message: 2566

I ordered the PFR-3A kit from QRP Kits 11 days ago. It arrived in today’s mail. I would say that is pretty fast delivery, especially considering Doug went to Dayton.
I’m looking forward to putting this kit together. I’ll start by counting and sorting parts. (The new house under construction will have to wait)!
Lee, w0vt
Houston, TX

2567. Re: [pfr3_group] PFR-3A Kit Status

Yahoo group: pfr3_group
Date: 2011-06-13 19:59:15 UTC
From: OllySteed@aol.com
Topic: 2386 Message: 2567

Lee,
We have a few members on my list so should you find something that will benefit the pfr3 users please CC it to the list or to me and I will post it.
Oh and Lee,In the past when I built small kits like the SST and made mods on the MFJ rigs I uses 1% tolerance RCA type resistors.
The Rat Shack here still sells them.
Thanks
BOB
AF2Q PS: Now I think I want another one

In a message dated 6/13/2011 4:41:43 P.M. Atlantic Daylight Time, pulsarxp@... writes:

I ordered the PFR-3A kit from QRP Kits 11 days ago. It arrived in today’s mail. I would say that is pretty fast delivery, especially considering Doug went to Dayton.

I’m looking forward to putting this kit together. I’ll start by counting and sorting parts. (The new house under construction will have to wait)!

Lee, w0vt

Houston, TX

2568. Re: [pfr3_group] PFR-3A Kit Status

Yahoo group: pfr3_group
Date: 2011-06-13 23:01:07 UTC
From: lee
Topic: 2386 Message: 2568

OK, Bob. Sure will.

Well, I didn't go work on my lake house today so I could sort parts on the PFR-3A. Unfortunately my neighbor came over and asked I help him again do more hanging drywall in his kitchen. Just got home but now have to have dinner with him. (Maybe late tonight I can sort parts. XYL is a nurse and gets home from work just past midnight. Hope she doesn't have "honey do" projects for me then)! There is no rest for the wicked! Maybe I can sneak in the shack around 3 AM like it's Christmas Eve and do the parts thing!

Lee, w0vt

Lee,
"We have a few members on my list so should you find something that will benefit the pfr3 users please CC it to the list or to me and I will post it.
Oh and Lee,In the past when I built small kits like the SST and made mods on the MFJ rigs I uses 1% tolerance RCA type resistors.
The Rat Shack here still sells them."
Thanks
BOB
"AF2Q PS: Now I think I want another oneOK"

2569. Re: [pfr3_group] U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-13 23:33:29 UTC
From: Thomas Cort
Topic: 2550 Message: 2569

Ray is not the only one. I got my PFR-3A kit today and also found that the
center pin of U10 isn't soldered. Thanks for the advice, Dale!

-Thomas (VA2EPR / KB1EPR)

On Sun, Jun 12, 2011 at 10:37 PM, Dale Putnam <daleputnam@hotmail.com>wrote:

>
>
> Yes Ray,
> U10 needs to have all its leads connected. Pin 2 is the input to U10.
> Have a great build,
>
> --... ...-- Dale - WC7S in Wy
>
>
>
> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: randrbuck@...
> Date: Mon, 13 Jun 2011 02:07:49 +0000
> Subject: [pfr3_group] U10 centre pin unsoldered
>
>
>
> I am in the process of constructing a PFR3 and noticed that the centre
> pin on U10 is unsoldered. Is this the normal case or should I solder it to
> the circuit board?
>
> Thanks for any assistance.
>
> Regards,
>
> Ray VK4ZW
>
>
>
>

2570. Re: [pfr3_group] PFR-3A Kit Status

Yahoo group: pfr3_group
Date: 2011-06-13 23:41:00 UTC
From: OllySteed@aol.com
Topic: 2386 Message: 2570

Hi Lee,
Diane here and Lori are nurses also but they liver hear and there.
Diane got the VX8GR and that new Bug for me.
Come to think of it my ham gear and motorcycles and everything else I own she paid for and no honey do jobs:-)
She and Lori work between the 2 hospitals and in NY they make some unreal big money----------
I was listening to that HB1A and with the old CWF-2 filter it seems to have a very decent sensitive RX.
That old filter seems to hold back any unwanted RX noise.
Right now i'm trying to get the small RS audio amp and that CWF-2 all built up on 1 board and put it inside the rig.
Well it looks like I may be ordering a pfr3 as a spare and to see if I can build that rig so keep me posted on any problems you run into
BOB
AF2Q

In a message dated 6/13/2011 8:01:14 P.M. Atlantic Daylight Time, pulsarxp@embarqmail.com writes:

OK, Bob. Sure will.

Well, I didn’t go work on my lake house today so I could sort parts on the PFR-3A. Unfortunately my neighbor came over and asked I help him again do more hanging drywall in his kitchen. Just got home but now have to have dinner with him. (Maybe late tonight I can sort parts. XYL is a nurse and gets home from work just past midnight. Hope she doesn’t have ”honey do” projects for me then)! There is no rest for the wicked! Maybe I can sneak in the shack around 3 AM like it’s Christmas Eve and do the parts thing!

Lee, w0vt

2571. Re: PFR-3 Done!

Yahoo group: pfr3_group
Date: 2011-06-13 23:53:17 UTC
From: Michael
Topic: 2557 Message: 2571

Hi John,

My only real prior experience building radios was a Small Wonder Labs SW+20 and a PSK-20. You might want to build a Small Wonder monobander first to get the hang of it. Even though you would build it for "practice" you will end up with a very nice single band rig.

The hardest part of the PFR-3 for me was winding and properly stripping the torroids. I found the method that worked best for me was to burn the insulation off with a lighter and very gently clean the burned part away with fine sandpaper. I learned the hard way NOT to try and scrape the enamel insulation away. Be especially gentle with the torroid that uses #30 wire. I snapped the wire off by pulling too hard with the sandpaper.

Pay very close attention to the instructions, double check every part before you solder. Use a good soldering iron and good quality solder.

It really helped me to have a friend/elmer test and align the radio.

I spend about 2hrs over each of three nights building, then an hour or so with my friend aligning.

Good luck...if I can do it so can you!

Mike KD0MEQ

2572. Unlikely Toroid Stripping Tool?!

Yahoo group: pfr3_group
Date: 2011-06-14 01:53:32 UTC
From: Steve
Topic: 2572 Message: 2572

Some time ago I acquired a Hakko 808 de-soldering tool. This is a gun shaped soldering iron with a hollow tip and built-in vacuum source to suck away melted solder. It actually works quite well:

http://www.hakko.com/english/products/hakko_808.html

Turns out, it's a great toroid or "magnet wire" stripping tool! Prop or clamp the gun vertically with the tip up. Trim the toroid lead just a little longer than needed. Once heated, melt a fresh blob of solder into the hollow tip. Slowly insert the toroid lead to be stripped into the hollow tip and through the solder blob. Wait a second or two, then activate the vacuum trigger. The solder blob and insulation debris are sucked away, leaving the lead stripped and tinned! I find I can strip and tin about 1/2" or a little longer perhaps usually in one shot with this method. Where there's remaining debris, I repeat the process.

I've read of folks using a "solder pot" to strip magnet wire, but have been concerned about the safety given a relatively substantial amount of melted solder they may use. The Hakko method uses a few drops of solder and you end up with a multi-use tool (am I the only one who needs to unsolder stuff?)

Steve
aa8af

2573. Re: Paddles

Yahoo group: pfr3_group
Date: 2011-06-14 02:15:42 UTC
From: wb8yyy_curt
Topic: 2181 Message: 2573

A second opinion on how long to build the nice BW paddle for the PFR-3 -- I can't remember! But trust me it takes no special skills. The only real time factor is how pretty you 'need' it to be. This version has a painted base, so it is much easier than the full size BW paddle. It can also be used with other rigs, using a standard extension cable. As the machining is done, it can be built with a screwdriver, some steel wool and sand paper, and a soldering iron. I may have missed a tool, but its likely in your box already.

73 Curt

--- In pfr3_group@yahoogroups.com, "lee" <pulsarxp@...> wrote:
>
> Dale:
>
> How much time did it take to â□□buildâ□□ the Black Widow paddle for the PFR-3? (I donâ□□t have a lot of patience for stuff like this. I get bored very quickly. Thatâ□□s just me. Iâ□□m not sure I could stay at a project like this).
>
> Lee, w0vt
>
> From: Dale Putnam
> Sent: Sunday, June 12, 2011 10:08 AM
> To: pfr3_group@yahoogroups.com
> Subject: RE: [pfr3_group] Paddles
>
> W5JH has a Black Widow paddle that fastens onto the PFR3, with larger finger plates that work great with my clumsy fingers... (after handling horses all day, with ropes and saddles, my hands get clumsy) It is a larger footprint than Ren's, but it feels good too. And it matches the Baby Black Widow that I have on the operating desk too.
> Very nice, and it polishes up very nicely too.
> I like the looks of it very well, although I am not going to subject it to the saddle bag, like I do Ren's. Two different paddles, two different applications... both send very well, I usually ragchew about 20 - 25 wpm, so they both are nice for that too.
> Have a great day,
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
>
>
> ---
> To: pfr3_group@yahoogroups.com
>

2574. Re: PFR-3 Done!

Yahoo group: pfr3_group
Date: 2011-06-14 02:20:54 UTC
From: wb8yyy_curt
Topic: 2557 Message: 2574

John

I suggest a lower risk project first, something like a NESCAF or something else you can use - even a regen receiver. After a successful project you should be able to tackle a PFR-3 with one or more elmers in tow. Work your way up to it.

73 Curt

--- In pfr3_group@yahoogroups.com, John Flynn <gio.flynn@...> wrote:
>
> Congratulations. As a total newb myself (and one who is thinking--perhaps
> foolishly-- of building a kit as a first rig), how long did it take you to
> build it? Major frustrations? Thx.
>
> 73
>
> ~John KK4BOB
>
> On Mon, Jun 13, 2011 at 1:16 AM, Michael <moody.michael@...> wrote:
>
> > >
> > >
> > > Hey guys,
> > >
> > > Went over to my fiends house to align and test the PFR-3. All tests passed
> > > with flying colors. He is very experienced and said it sounded great.
> > >
> > > Took it home and connected to my Par End Fed 10/20/40 and heard several
> > > nice loud signals. During the stage 2 smoke test I thought the signals
> > > sounded a bit low, but they are nice and loud now. In fact, two of the
> > > signals were so loud I had to turn the volume down. Heard nice signals on
> > > all 3 bands.
> > >
> > > Still haven't transmitted yet, I am going to use a K1EL keyboard
> > > keyer/decoder while I'm still learning.
> > >
> > > Anyone up for a QSO tomorrow afternoon/evening? It would be cool if my
> > > first ever CW contact and first contact on the new radio was to another
> > > PFR-3. Before you volunteer, keep in mind I'm a total newb at this!
> > >
> > > Mike KD0MEQ
> > >
> > >
> > >
> >
> >

>
> --
> John Flynn
> Tallahassee, Florida
> USA
>

2575. Re: [pfr3_group] PFR-3A Kit Status

Yahoo group: pfr3_group
Date: 2011-06-14 02:23:12 UTC
From: lee
Topic: 2386 Message: 2575

I had a little time this early evening and did inventory all the parts for the kit. Everything was there except for the four knobs. They were missing. I did notify QRP Kits of the fact. I did find a few extra resistors in the pile and a few extra 100 pf COG caps too. I sure don't need the knobs right now and I am sure they will be here before I need them. I'd say the kit was pretty close to being 100% all there.

Some of the caps are really small but with my trustee Almost All Digital L/C Meter IIB, it was easy to identify everything. I have all the caps and resistors taped in order of use on sheets of paper with the values next to each part.

None of the crystals have any "SPECIAL" markings on them so I am not sure which four of the five to use in the filter and which to use in the oscillator. I guess I'll measure the frequency of all 5 crystals and put the closest 4 of them in the filter. I think I'll match all the 100 pf COG caps around the filter too. (Bye the way, the manual does have you ground all the filter crystals to help prevent "blow by").

I am one of the guys who likes "machine grade sockets" so I'll be using them in the build too.

The paint job on the case looks great with no paint blemishes. Nice case. The 12 surface mounted parts are pre-installed and soldered in very nicely.

I don't think there will be much room for some home made heat sinks for the BS170 transistors, but I am thinking of trying to fit some if possible. The Ft Tuthill 80 uses a single aluminum plate epoxied to the two transistors and this really works nicely. I'm thinking of trying three single very thin aluminum plates for the three BS170 transistors in the PFR-3A. Time will tell if this is possible. More to follow.

Lee, w0vt

2576. Re: [pfr3_group] U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-14 02:42:21 UTC
From: lee
Topic: 2550 Message: 2576

Just checked the kit I got today and it also has the center pin of U10 not soldered.
Thanks!

Lee, w0vt

Ray is not the only one. I got my PFR-3A kit today and also found that the center pin of U10 isn't soldered. Thanks for the advice, Dale!

U10 needs to have all its leads connected. Pin 2 is the input to U10.
Have a great build,

--... ...-- Dale - WC7S in Wy

I am in the process of constructing a PFR3 and noticed that the centre pin on U10 is unsoldered. Is this the normal case or should I solder it to the circuit board?

Thanks for any assistance.

Regards,

Ray VK4ZW

2577. RE: [pfr3_group] Re: Paddles

Yahoo group: pfr3_group
Date: 2011-06-14 03:19:01 UTC
From: Dale Putnam
Topic: 2181 Message: 2577

Hi Fellow paddle pushers.... Lee, I probably spent an hour or maybe two assembling the BW paddle for the PFR3... however, I spent closer to 4 making it prettier, before assembly. It would fly together straight outta the box, maybe in an hour,... with common tools, and work great. To make is shine visually, then it takes a bit more elbow grease, I use a fine sandpaper, then a series of polishes, sometimes with a polishing wheel on a dremel. Have fun with it.. you know.. the guy listening to you, really can't tell how shiny the paddle is anyway.

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: wb8yyy@...
Date: Tue, 14 Jun 2011 02:15:42 +0000
Subject: [pfr3_group] Re: Paddles

A second opinion on how long to build the nice BW paddle for the PFR-3 -- I can't remember! But trust me it takes no special skills. The only real time factor is how pretty you 'need' it to be. This version has a painted base, so it is much easier than the full size BW paddle. It can also be used with other rigs, using a standard extension cable. As the machining is done, it can be built with a screwdriver, some steel wool and sand paper, and a soldering iron. I may have missed a tool, but its likely in your box already.

73 Curt

--- In pfr3_group@...m, "lee" <pulsarxp@...> wrote:

>

> Dale:

>

> How much time did it take to â€œbuildâ€? the Black Widow paddle for the PFR-3? (I donâ€™t have a lot of patience for stuff like this. I get bored very quickly. Thatâ€™s just me. Iâ€™m not sure I could stay at a project like this).

>

> Lee, w0vt

>

> From: Dale Putnam

> Sent: Sunday, June 12, 2011 10:08 AM

> To: pfr3_group@yahoogroups.com

> Subject: RE: [pfr3_group] Paddles

>

> W5JH has a Black Widow paddle that fastens onto the PFR3, with larger finger plates that work great with my clumsy fingers... (after handling horses all day, with ropes and saddles, my hands get clumsy) It is a larger footprint than Ren's, but it feels good too. And it matches the Baby Black Widow that I have on the operating desk too.

> Very nice, and it polishes up very nicely too.

> I like the looks of it very well, although I am not going to subject it to the saddle bag, like I do Ren's. Two different paddles, two different applications... both send very well, I usually ragchew about 20 - 25 wpm, so they both are nice for that too.

> Have a great day,

>

> --... ...-- Dale - WC7S in Wy

>

>

>

>

>

>

> --

> To: pfr3_group@yahoogroups.com

>

2578. Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-14 03:26:15 UTC
From: Steven
Topic: 2550 Message: 2578

The center pin of U11 is also connected to the metal tab at the top of the package. Therefore, the metal tab is soldered to the pad, but the center pin is not(as that pad isn't actually connected to anything).

Steve KD1JV

>
> Just checked the kit I got today and it also has the center pin of U10 not soldered. Thanks!
>
> Lee, w0vt
>

2579. Re: [pfr3_group] Re: Paddles

Yahoo group: pfr3_group
Date: 2011-06-14 03:27:33 UTC
From: lee
Topic: 2181 Message: 2579

Thanks for the time line, Dale.

Lee, w0vt

Hi Fellow paddle pushers....

Lee, I probably spent an hour or maybe two assembling the BW paddle for the PFR3... however, I spent closer to 4 making it prettier, before assembly.
It would fly together straight outta the box, maybe in an hour,... with common tools, and work great. To make is shine visually, then it takes a bit more elbow grease,
I use a fine sandpaper, then a series of polishes, sometimes with a polishing wheel on a dremel.
Have fun with it.. you know.. the guy listening to you, really can't tell how shiny the paddle is anyway.

--... ...-- Dale - WC7S in Wy

2580. Re: [pfr3_group] Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-14 03:34:59 UTC
From: lee
Topic: 2550 Message: 2580

Steve:

I think you said something not correct. I think you meant to say U10 is also connected to the metal tab of the package. Therefore the metal tab is soldered to the pad, but the center pin of U10 is not soldered and doesn’t have to be soldered as it connects to nothing. You said U11 and this device only has 4 corner connections.

So what I think you are saying since the device is soldered on the top you don’t need to solder the center pin of U10 as it goes nowhere. Am I thinking correctly?

Lee, w0vt

From: Steven
Sent: Monday, June 13, 2011 10:26 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: U10 centre pin unsoldered

The center pin of U11 is also connected to the metal tab at the top of the package. Therefore, the metal tab is soldered to the pad, but the center pin is not(as that pad isn't actually connected to anything).

Steve KD1JV

>
> Just checked the kit I got today and it also has the center pin of U10 not soldered. Thanks!
>
> Lee, w0vt
>

2581. Re: [pfr3_group] PFR3 troubble.

Yahoo group: pfr3_group
Date: 2011-06-14 07:16:15 UTC
From: daleputnam@hotmail.com
Topic: 2386 Message: 2581

Way to go Christer,
Have fun now
Have a great day,
Dale - WC7S

-----Original Message-----
From: Christer Andersson <sm4lra@yahoo.com>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 13 Jun 2011 12:28:58
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR3 troubble.

Hi Steve, Dale.
Now its upp and running not yet in the box but still, puting out power as it should.
I replaced the U8 and tested . Voltage at L7 and the pads for the BS170s looked ok.
Then i did put in the BS170s and tested, bingo. power out.
Time will tell if it was just a bad component or if I have more to do, hope it´s ok.
I will get it in the box and test it out for real.
Thanks every one for all the comments and support.
I will post a not on how its going later.

73 de SM4LRA Christer

_____
From: Steven Weber <steve.kd1jv@gmail.com>
To: pfr3_group@yahoogroups.com
Sent: Sat, June 11, 2011 6:52:11 PM
Subject: Re: [pfr3_group] PFR3 troubble.

☐
Christer,

I didn't know the rig had been working, I though it was a new build.

What have you been using for a power supply? If you have been using batteries, it is possible they are still good enough to run the receiver, but die when trying to transmit. If you are using the batteries internal to the rig, some people have had trouble with the battery holders developing a high resistance.

If on the other hand, the rig still acts up when using an external, regulated mains supply, then you will have to hope U8 did indeed go bad for some reason.

Steve

Hi Dale and Steve !
>I cant find out what really did go wrong , beats me.
>First a recap for you Steve. Have worked about 30 QSOs with this litle fantastic
>rig on all the bands and everything went alright. Some qsos on 40 m with an
>enfeed halfwave antenna and the BLT on. som from my own QTH with my fixed
>antennas. via the BNC connector.
>And so was the case when it did break down.
>First it just shuted down.
>After restart the reseiver did work ok but when i hit the padle the side tone
>did go up and the display did flicker in intencety then shut down after a couple
>of seconds.
>then it did shut down every time i did hit the padle.
>There we are to day
> After some testing and finaly removal of the BS170 findig out that they were ok
>i removed the 74HS02 ant then it worked.
>
>I did suspect some short on on the board but I have looked it over with a
>magnifying gals (from 4 to 25 times) over and over again and not found eny such
>problem.
>Reversing the U8 no, possble but no.
>
>A static discharge possble but i do not think so i was very cerefull and did
>ground me and the board before puting it in place.
>
>So now i did check the output pins on the IC socket with the IC removed. also i
>have not replaced the BS 170s yet. and the value was infinet resistanse.
>Measuring across leg 7 and 14 on the IC i got about 4,7 kohms both ways.(with
>the IC on the table.)
>
>Do you have any commets on this so please tel me.
>I hope it will work when i get the new IC. I would like to use it on a small
>trip this thursday. I have other equipment but they are a lot more cumbersome.
> Have a good weekend.
>73 de SM4LRA / Christer
>
>

2582. Re: [pfr3_group] PFR-3A Kit Status

Yahoo group: pfr3_group
Date: 2011-06-14 11:58:48 UTC
From: OllySteed@aol.com
Topic: 2386 Message: 2582

Hi Lee,
I think that was me that mentioned grounding the crystals.
You should see a tiny spot at the base of each crystal.
Some hams ground all on them together then run one wire down to a ground.
I guess that works but looks sort of shabby.
BOB
AF2Q

In a message dated 6/13/2011 8:01:14 P.M. Atlantic Daylight Time,
pulsarxp@... writes:

Maybe I can sneak in the shack around 3 AM like it’s Christmas Eve and do
the parts thing!

Lee, w0vt

2583. Re: [pfr3_group] PFR-3A Kit Status

Yahoo group: pfr3_group
Date: 2011-06-14 16:57:26 UTC
From: lee
Topic: 2386 Message: 2583

Yes, it was you Bob. I know Ten-Tec did as lot of grounding with a wire across the top. I'm going to just ground each individually as the manual spells out. I know on some rig designs, grounding the crystals does not help reduce 'blow bye" and on other designs it does help.
Lee, w0vt

Hi Lee,
I think that was me that mentioned grounding the crystals.
You should see a tiny spot at the base of each crystal.
Some hams ground all on them together then run one wire down to a ground.
I guess that works but looks sort of shabby.
BOB
AF2Q

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2584. Re: [pfr3_group] Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-15 00:14:51 UTC
From: Steven Weber
Topic: 2550 Message: 2584

Yes, I ment U10 and yes, only the metal tab has to be soldered.
I think you said something not correct. I think you meant to say U10 is also connected to the metal tab of the package. Therefore the metal tab is soldered to the pad, but the center pin of U10 is not soldered and doesn’t have to be soldered as it connects to nothing. You said U11 and this device only has 4 corner connections.

So what I think you are saying since the device is soldered on the top you don’t need to solder the center pin of U10 as it goes nowhere. Am I thinking correctly?

2585. Re: [pfr3_group] Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-15 13:56:40 UTC
From: f6ddv
Topic: 2550 Message: 2585

Hello everyone
Here in Brittany (western part of France) we have used to support our explanations shortcuts hypertext or small photo attachments.
it provides a better understanding of what we are talking.
As the proverb says ham radio, "a picture is worth more than a long discourses ..."
I think I understood that the metal part of this component is any way to ground, and that is enough? even if the leg is also expected to be grounded is not soldered
is that correct? if so it is very usual, but it is possible to control if the two match with a measuring device, it is better that the pass is welded to the potential well is OK.
I am interested because Doug has to mail my pfr3 from June 20, according to the message I received.
So I collect comments friends list who build ...
73s
Jean-paul F6DDV

----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Wednesday, June 15, 2011 2:14 AM
Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered
☐

Yes, I ment U10 and yes, only the metal tab has to be soldered.
I think you said something not correct. I think you meant to say U10 is also connected to the metal tab of the package. Therefore the metal tab is soldered to the pad, but the center pin of U10 is not soldered and doesn’t have to be soldered as it connects to nothing. You said U11 and this device only has 4 corner connections.

So what I think you are saying since the device is soldered on the top you don’t need to solder the center pin of U10 as it goes nowhere. Am I thinking correctly?

2586. RE: [pfr3_group] Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-15 14:48:25 UTC
From: Dale Putnam
Topic: 2550 Message: 2586

When looking at U10, the middle leg, doesn't have to be soldered, IF and ONLY IF the metal tab of U10 is soldered. One or the other must be soldered. The tab has more current carrying ability, therefore many builders will choose it, and enjoy the benefit of easier soldering because it is larger. Additional builiders will solder both, tab and leg, to add un-needed solder, or possibly to leave no solder undone.
Good luck with the build,
--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: f6ddv@wanadoo.fr
Date: Wed, 15 Jun 2011 15:56:40 +0200
Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered

☐
Hello everyone
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Jean-paul F6DDV

----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Wednesday, June 15, 2011 2:14 AM
Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered

☐
Yes, I ment U10 and yes, only the metal tab has to be soldered.

I think you said something not correct. I think you meant to say U10 is also connected to the metal tab of the package. Therefore the metal tab is soldered to the pad, but the center pin of U10 is not soldered and doesn’t have to be soldered as it connects to nothing. You said U11 and this device only has 4 corner connections.

So what I think you are saying since the device is soldered on the top you don’t need to solder the center pin of U10 as it goes nowhere. Am I thinking correctly?

2587. Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-16 00:30:02 UTC
From: Grant
Topic: 2550 Message: 2587

Hi Gang,

Just so I get this right, what exactly is the 'metal tab' that is being referred to? I don't see on on my U10. Is it the tab that comes out of the rear of the component and is soldered to the board?

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
>
> When looking at U10, the middle leg, doesn't have to be soldered, IF and ONLY IF the metal tab of U10 is soldered. One or the other must be soldered. The tab has more current carrying ability, therefore many builders will choose it, and enjoy the benefit of easier soldering because it is larger. Additional builiders will solder both, tab and leg, to add un-needed solder, or possibly to leave no solder undone.
> Good luck with the build,
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: f6ddv@...
> Date: Wed, 15 Jun 2011 15:56:40 +0200
> Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered
>
>
>
>
>
>
> ï»¿
> Hello everyone
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> 73s
> Jean-paul F6DDV

>
>
> ----- Original Message -----
> From: Steven Weber
> To: pfr3_group@yahoogroups.com
> Sent: Wednesday, June 15, 2011 2:14 AM
> Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered
>
> ï»¿
> Yes, I ment U10 and yes, only the metal tab has to be soldered.
>
>
>
> I think you said something not correct. I think you meant to say U10 is also connected to the metal tab of the package. Therefore the metal tab is soldered to the pad, but the center pin of U10 is not soldered and doesnâ□□t have to be soldered as it connects to nothing. You said U11 and this device only has 4 corner connections.
>
> So what I think you are saying since the device is soldered on the top you donâ□□t need to solder the center pin of U10 as it goes nowhere. Am I thinking correctly?
>

2588. RE: [pfr3_group] Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-16 00:40:00 UTC
From: Dale Putnam
Topic: 2550 Message: 2588

Yes it is that tab, Grant. The leg is the one in the middle, that is also the same connection.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Thu, 16 Jun 2011 00:30:02 +0000
Subject: [pfr3_group] Re: U10 centre pin unsoldered

Hi Gang,

Just so I get this right, what exactly is the 'metal tab' that is being referred to? I don't see on on my U10. Is it the tab that comes out of the rear of the component and is soldered to the board?

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
>
> When looking at U10, the middle leg, doesn't have to be soldered, IF and ONLY IF the metal tab of U10 is soldered. One or the other must be soldered. The tab has more current carrying ability, therefore many builders will choose it, and enjoy the benefit of easier soldering because it is larger. Additional builiders will solder both, tab and leg, to add un-needed solder, or possibly to leave no solder undone.
> Good luck with the build,
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: f6ddv@...
> Date: Wed, 15 Jun 2011 15:56:40 +0200
> Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered
>
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> Hello everyone
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> Jean-paul F6DDV
>
>
> ----- Original Message -----
> From: Steven Weber
> To: pfr3_group@yahoogroups.com
> Sent: Wednesday, June 15, 2011 2:14 AM
> Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered
>
> ï»¿
> Yes, I ment U10 and yes, only the metal tab has to be soldered.
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> I think you said something not correct. I think you meant to say U10 is also connected to the metal tab of the package. Therefore the metal tab is soldered to the pad, but the center pin of U10 is not soldered and doesnâ€™t have to be soldered as it connects to nothing. You said U11 and this device only has 4 corner connections.
>
> So what I think you are saying since the device is soldered on the top you donâ€™t need to solder the center pin of U10 as it goes nowhere. Am I thinking correctly?
>

2589. Re: [pfr3_group] Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-16 15:21:52 UTC
From: OllySteed@aol.com
Topic: 2550 Message: 2589

Sure would be nice to have a picture of that posted to the photo section.
Dale,
What you say here

When looking at U10, the middle leg, doesn't have to be soldered, IF and ONLY IF the metal tab of U10 is soldered. One or the other must be soldered. The tab has more current carrying ability, therefore many builders will choose it, and enjoy the benefit of easier soldering because it is larger. Additional builiders will solder both, tab and leg, to add un-needed solder, or possibly to leave no solder undone.

So I take it as saying IF AND ONLY the metal tab of U10 is soldered.???
ONE OR THE OTHER MUST BE SOLDERED.
ONE OR THE OTHER *WHAT*?
So many here who built this and this guy can't get a straight specific answer.
BOB
AF2Q

In a message dated 6/15/2011 9:30:14 P.M. Atlantic Daylight Time, grantmcduling@... writes:

Hi Gang,

Just so I get this right, what exactly is the 'metal tab' that is being referred to? I don't see on on my U10. Is it the tab that comes out of the rear of the component and is soldered to the board?

2590. RE: [pfr3_group] Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-16 15:25:40 UTC
From: Dale Putnam
Topic: 2550 Message: 2590

Maybe a bit later,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: OllySteed@...
Date: Thu, 16 Jun 2011 11:21:52 -0400
Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered

Sure would be nice to have a picture of that posted to the photo section.
Dale,
What you say here

When looking at U10, the middle leg, doesn't have to be soldered, IF and ONLY IF the metal tab of U10 is soldered. One or the other must be soldered. The tab has more current carrying ability, therefore many builders will choose it, and enjoy the benefit of easier soldering because it is larger. Additional builiders will solder both, tab and leg, to add un-needed solder, or possibly to leave no solder undone.

So I take it as saying IF AND ONLY the metal tab of U10 is soldered.???
ONE OR THE OTHER MUST BE SOLDERED.
ONE OR THE OTHER *WHAT*?
So many here who built this and this guy can't get a straight specific answer.
BOB
AF2Q

In a message dated 6/15/2011 9:30:14 P.M. Atlantic Daylight Time, grantmcduling@... writes:
Hi Gang,

Just so I get this right, what exactly is the 'metal tab' that is being referred to? I don't see on on my U10. Is it the tab that comes out of the rear of the component and is soldered to the board?

2591. Re: [pfr3_group] Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-17 02:36:43 UTC
From: Steven Weber
Topic: 2550 Message: 2591

Gang,

This is a non issue. The part in question is supplied premounted to the board and rest assured that is indeed properly soldered. Stop losing any sleep over this.

Steve KD1JV

2592. Re: [pfr3_group] Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-17 09:48:14 UTC
From: f6ddv
Topic: 2550 Message: 2592

Hello again Steve
No, you do not lose sleep with this, I bought just the same and it will be mailed from the 20 I believe, then the subject of interest for the technique, I think this piece is a regulator or a power component in all cases els it is better that the cooling block and the leg which is to be connected both to ground
But I could be wrong, that's why a capture, or a picture or diagram may be well to understand
Good luck and good fun for mounting above!
This list is interesting
73S
Jean paul F6DDV

----- Original Message -----
From: Steven Weber
To: pfr3_group@...m
Sent: Friday, June 17, 2011 4:36 AM
Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered

Gang,

This is a non issue. The part in question is supplied premounted to the board and rest assured that is indeed properly soldered. Stop losing any sleep over this.

Steve KD1JV

2593. Re: [pfr3_group] Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-17 16:41:55 UTC
From: lahagar1@aol.com
Topic: 2550 Message: 2593

Jean paul F6DDV - bonjour! Je pense que le message s'est perdu dans la traduction. Le composant est déjà soudé sur le circuit à l'usine. Il n'ya rien pour le constructeur de kit à faire sur cette partie. Cordialement 73 de Lynn, NG9D

Jean paul F6DDV - hello! I think the message got lost in translation. The component is already soldered onto the circuit at the plant. There is nothing for the kit builder to do this part. Sincerely, Lynn 73, NG9D

-----Original Message-----
From: f6ddv <f6ddv@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, Jun 17, 2011 4:48 am
Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered

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But I could be wrong, that's why a capture, or a picture or diagram may be well to understand
Good luck and good fun for mounting above!
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Sent: Friday, June 17, 2011 4:36 AM
Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered

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Steve KD1JV

2594. Re: [pfr3_group] Re: U10 centre pin unsoldered

Yahoo group: pfr3_group
Date: 2011-06-17 18:43:08 UTC
From: f6ddv
Topic: 2550 Message: 2594

Hello again Lynn
Ah, OK, it was strange indeed, the connection is good the way the component was installed.
But information is always interesting, because other buyers may be concerned in the same way.
73S
Jean Paul F6DDV

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Friday, June 17, 2011 6:41 PM
Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered

Jean paul F6DDV - bonjour! Je pense que le message s'est perdu dans la traduction. Le composant est déjà soudé sur le circuit à l'usine. Il n'ya rien pour le constructeur de kit à faire sur cette partie. Cordialement 73 de Lynn, NG9D

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From: f6ddv <f6ddv@...>
To: pfr3_group@yahoogroups.com
Sent: Fri, Jun 17, 2011 4:48 am
Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered

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But I could be wrong, that's why a capture, or a picture or diagram may be well to understand
Good luck and good fun for mounting above!
This list is interesting
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Sent: Friday, June 17, 2011 4:36 AM
Subject: Re: [pfr3_group] Re: U10 centre pin unsoldered

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Steve KD1JV

2595. New Build Progress

Yahoo group: pfr3_group
Date: 2011-06-20 04:15:33 UTC
From: lee
Topic: 2550 Message: 2595

I constructed Group 1 for my PFR-3 and then did the diagnostic tests. All came out good. The front ground holes in the circuit board for the stereo jacks are too small to fit so I cut down the oins to fit the holes.
I used machine sockets everywhere. I did not have a 28 pin machine socket for U7, so I used two 14 pin machine sockets in series. No problem.
Beware the is a U8 silk screen marking in two places. Disregard the one in the wrong place.
I also built up the receiver, but have not installed the crystals as I am going to match them as much as possible for the filter before I install them. I did match the five 100 pF caps around the crystal filter and have mounted them. (C-7, C-8, C-9, C-10, C-11) . Once the crystals are installed, I'll be able to try out the receiver. T-1 is a toroid and not too hard to build but much fun installing! That took some time.
You still need to put in a jumper on the board for a small display board error. This is outlined in the manual and easy to do.
There is a warning about two of the three GREEN Mylar caps possibly being too tall to mount on the front of the board. Instructions say if you get three GREEN mylar caps mount them on the rar of the chassis. My kit did indeed have the three GREEN Mylar caps, but they are only 1/4 inch tall so they can be mounted on the front side of the PC board.
Before I started I scotch tapped all the resistors, caps, and diodes to sheets of paper grouping them according to value. I took an hour doing this and it really paid off when needing each part. It was super easy finding them. I initially tapped them to make sure I had no missing parts. (Only thing missing were the 4 knobs).
I had some spare time a couple days ago, so I used it putting on the decals on the cabinet. (Doug gives you two sets). I screwed one label up as it slid off the paper when wet and doubled up upon itself. I lost another one in the trash as I cut it off the sheet and it fell in the trash can. I didn't try to find it. So all in all, I had to use two of the labels off the back up secondary label sheet. The cabinet came out looking very nice. (I did spray it with Kyrlon Mat Clear Finish to protect the decals. After a few days I'll apply some paste wax to it too.
My kit came with two SA602 8 pin ICs rather then the SA612 ICs. (Almost the same thing). They can be interchanged.
When you do some testing, you need to apply power. You are told to hook the power to the PC board near the ON-OFF switch. I was careful to do this and not block any parts/wire holes as they are hard to clean out when you really need them for a permanent part or wire.
When you build T1 and L1, you put on 40 turns on L1 and 40 turns on the primary of T1 and 5 turns on it's link. There is no mention on spreading out the turns or lumping them together. (Knowing a little about something can sometimes get you into trouble). You don't have the turns lumped together or spread out as the number 30 wire will totally fill the core on both cores. (There is no option to spread out the turns or not spread them out).
So far, the instructions are very good. I have had no problem with them. Until mounting T-1, I would say anyone, even a novice builder could put one of these rigs together. T-1 is a little tough so maybe this is not the best rig to build if you have never built a kit before. Most kits explain what one turn consists of, when winding toroids. This kit assumes you know how to wind and count turns on a toroid winding. (The rule is, every time a wire passes through the center hole, you have wound a turn on the core). Experienced builders know this but probably not a new guy.

For new guys. There are three sizes of wire in the kit. The higher the number, the smaller the wire size. Number 30 wire in the kit is the smallest wire supplied in the kit. (Use the wrong wire on a 40 turn core and the wire wont fit).
Parts are very close together but the solder masking really helps insure you won't have solder bridges. With parts this close, you want to have good soldering skills. Also, use a good grade of solder. I'm using Kester rosin core number 44 with a diameter of .025 inches
My Almost All Digital L/C meter sure is nice to use when your eyesight is not what it used to be. I was able to confirm what part I had in hand very easily with the L/C meter.
Nothing else comes to mind right now. More to follow. This is a really nice kit. I did place the PC on the front panel, and it fits like a glove. The cabinet is precision punched.
73,
Lee, w0vt

2596. RE: [pfr3_group] New Build Progress

Yahoo group: pfr3_group
Date: 2011-06-20 12:43:06 UTC
From: Ren Monllor
Topic: 2550 Message: 2596

Thanks Lee for the update.
I too thought that the build of this kit, for what it offers, was very well put together.
The best is still, yet to come. Once it's all put together and you get it on the air, I'm sure you will be very pleased.
Keep a steady hand and you will be rewarded with one of the nicest rigs offered.
Be well,
Ren
KG4BAS

N. A. MONLLOR
KG4BAS
QRP ARCI #14308
NAQCC #4880

-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of lee
Sent: Monday, June 20, 2011 12:16 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] New Build Progress

I constructed Group 1 for my PFR-3 and then did the diagnostic tests. All came out good. The front ground holes in the circuit board for the stereo jacks are too small to fit so I cut down the oins to fit the holes.

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Nothing else comes to mind right now. More to follow. This is a really nice kit. I did place the PC on the front panel, and it fits like a glove. The cabinet is precision punched.

73,

Lee, w0vt

2597. New Kit - Missing Parts, Errata

Yahoo group: pfr3_group
Date: 2011-06-20 14:25:13 UTC
From: kybarney
Topic: 2597 Message: 2597

Hi everyone,

I am a new kit builder and am starting on this kit. I sorted all the parts into a tackle box and noticed I am missing a couple of resistors from the inventory sheet.

Also, it looks like the 8 PIN DIP IC has a differenet part number than what the inventory sheet has.

I can't tell the value of the (4) glass diodes, but I assume they are correct.

Have any of you had these issues? I think the parts would be replaced with a phone call, but thought I should be working from an updated errata, if there is one...

I don't want to start soldering unitl I know I have all the parts in order...

Any other suggestions for things to watch out for are appreciated...

Thanks,
Kyle N9NJM

2598. Re: [pfr3_group] New Kit - Missing Parts, Errata

Yahoo group: pfr3_group
Date: 2011-06-20 14:32:53 UTC
From: Thomas Cort
Topic: 2597 Message: 2598

I got my kit about a week ago. It was missing a few resistors and
capacitors. The website says to e-mail parts@... which I did. I got
a reply that said they would send the missing parts.

Hope that helps,
Tom (VA2EPR)

On Mon, Jun 20, 2011 at 10:25 AM, kybarney <kybarney@...> wrote:

> **
>
>
> Hi everyone,
>
> I am a new kit builder and am starting on this kit. I sorted all the parts
> into a tackle box and noticed I am missing a couple of resistors from the
> inventory sheet.
>
> Also, it looks like the 8 PIN DIP IC has a differenet part number than what
> the inventory sheet has.
>
> I can't tell the value of the (4) glass diodes, but I assume they are
> correct.
>
> Have any of you had these issues? I think the parts would be replaced with
> a phone call, but thought I should be working from an updated errata, if
> there is one...
>
> I don't want to start soldering unitl I know I have all the parts in
> order...
>
> Any other suggestions for things to watch out for are appreciated...
>
> Thanks,
> Kyle N9NJM
>
>
>

2599. Re: [pfr3_group] New Kit - Missing Parts, Errata

Yahoo group: pfr3_group
Date: 2011-06-20 14:44:55 UTC
From: Steve Smith
Topic: 2597 Message: 2599

Hi Kyle,

Good to be safe by checking first that you have all of the parts. Missing and/or extra small parts seems to be quite common with the PFR3 kits from the reports in this Group.

Which 8-pin DIP chips are you referring to? There are 4 in the kit. Lee reported that his kit came with two SA602 8 pin ICs rather then the SA612 parts. If that is your concern, no problem there as they are functionally equivalent.

The four small glass diodes are the 1N4148s. There is one larger glass diode which is the Zener that goes in the PA section.

Best of luck building our kit. We look forward to your reports.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "kybarney" <kybarney@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] New Kit - Missing Parts, Errata
Date: Mon, 20 Jun 2011 14:25:13 -0000

Hi everyone,

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I don't want to start soldering unitl I know I have all the parts in order...

Any other suggestions for things to watch out for are appreciated...

Thanks,
Kyle N9NJM

2600. PFR-3 and K42 keyer

Yahoo group: pfr3_group
Date: 2011-06-20 14:57:32 UTC
From: Michael
Topic: 2600 Message: 2600

Hi all,

I have been trying to get my PFR-3 to interface with a K42 decoder/keyboard unit.

I have nice strong signals in the headphones coming from the PFR-3, but no joy when connected to the K42.

I can plug the PFR-3 into my computer mic jack and decode using several different software packages.

I can plug the K42 into the speaker of the computer and decode morse from online sources like websdr.org, or mp3 files.

But when I connect the PFR-3 to the K42, nothing. The only thing I see in the K42 documentation is that it >>only<< decodes a signal of 690hz. When the PFR-3 is centered on the incoming signal and is coming through loud and clear, what is the frequency of the audio tone? Is there a way to change that incoming audio tone?

I'm trying to get ready for Field Day, to help my new club generate some extra CW points. They are pretty much SSB only. I'm also bringing my PSK20 for some digital points.

Thanks,

Mike KD0MEQ

2601. RE: [pfr3_group] PFR-3 and K42 keyer

Yahoo group: pfr3_group
Date: 2011-06-20 15:37:58 UTC
From: Dale Putnam
Topic: 2600 Message: 2601

Hi Mike,
The AT4 sends audio to a stereo plug, and wires the tip and ring together, for the mono output. With some external devices, that puts the audio output shorted to each other, and nothing actually appears at the input to the external device.
I don't have a K42, so this may be all way off base. Are you using the same cable to connect to the K42 in each case, i.e. to the puter?
The filter in the AT4 is usually set up for psk decode, during the calibration phase of the build. It can be changed, but even without the recalibration, the AT4 will rx a 690 cycle tone, it just won't match the sidetone exactly when you go to tx. The rx tone for the K42 would be a bit higher in tone.
Could it be that the AT4 has the ring of the jack wired to ground?
Interesting challange, that,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: moody.michael@...
Date: Mon, 20 Jun 2011 14:57:32 +0000
Subject: [pfr3_group] PFR-3 and K42 keyer

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Thanks,

Mike KD0MEQ

2602. Re: [pfr3_group] PFR-3 and K42 keyer

Yahoo group: pfr3_group
Date: 2011-06-20 16:25:59 UTC
From: Steven Weber
Topic: 2600 Message: 2602

> But when I connect the PFR-3 to the K42, nothing. The only thing I see in
> the K42 documentation is that it >>only<< decodes a signal of 690hz. When
> the PFR-3 is centered on the incoming signal and is coming through loud
> and clear, what is the frequency of the audio tone? Is there a way to
> change that incoming audio tone?

The audio filter in the PFR-3 should peak at about 600 Hz. If its a PFR-3A, then it peaks a little over 700 Hz.

Basically, tune in a station, then readjust the BFO trimmer until the decoder starts to work. The signal will be out of the pass band of the audio filter by a bit, so the signal will be down a little, but probably not enough to make much difference.

Steve KD1JV

2603. Re: New Kit - Missing Parts, Errata

Yahoo group: pfr3_group
Date: 2011-06-20 22:46:20 UTC
From: kybarney
Topic: 2597 Message: 2603

Steve,

Thanks for your response. I did receive part # SA602AN instead of SA612AN. I also did not receive the 47K or 22K resistors. I'm only a third of the way done with my inventory too so there may be more parts missing.

Is there a comprehensive errata published that details out some of the gotchas...like equivalent parts being shipped. I am new to kit building so I would have never known this. Or, is the errata on the Hendricks website the best one to use (about 5 items listed on it).

Thanks,
Kyle

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Kyle,
>
> Good to be safe by checking first that you have all of the parts. Missing and/or extra small parts seems to be quite common with the PFR3 kits from the reports in this Group.
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> Which 8-pin DIP chips are you referring to? There are 4 in the kit. Lee reported that his kit came with two SA602 8 pin ICs rather then the SA612 parts. If that is your concern, no problem there as they are functionally equivalent.
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> The four small glass diodes are the 1N4148s. There is one larger glass diode which is the Zener that goes in the PA section.
>
> Best of luck building our kit. We look forward to your reports.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "kybarney" <kybarney@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] New Kit - Missing Parts, Errata
> Date: Mon, 20 Jun 2011 14:25:13 -0000
>
> Hi everyone,
>
> I am a new kit builder and am starting on this kit. I sorted all the parts into a tackle box and noticed I am missing a couple of resistors from the inventory sheet.
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>
> Any other suggestions for things to watch out for are appreciated...
>
> Thanks,
> Kyle N9NJM
>

2604. Re: [pfr3_group] Re: New Kit - Missing Parts, Errata

Yahoo group: pfr3_group
Date: 2011-06-20 23:59:00 UTC
From: Steve Smith
Topic: 2597 Message: 2604

Kyle,

To the best of m knowledge, the errata sheet on the QRPKits.com site is the only one.

It would have been nice for them to drop in a note in telling of the substitution of the SA612s. That's something only an experienced builder or experimenter would know about.

Fortunately, so far the omissions and substitutions have been quite minor and I've heard no reports of any of the uniquie components missing.

73.......Steve Smith WB6TNL

2605. Re: [pfr3_group] PFR-3 odd-harmonic side tone

Yahoo group: pfr3_group
Date: 2011-06-21 00:24:09 UTC
From: lahagar1@aol.com
Topic: 2600 Message: 2605

Dale,

This might be a bit off-topic but the PFR 3A side tone is not a single note sine wave. I measured it and found that it has a complex tone consisting of at least four partials, i.e. four audio frequencies. I found only odd partials and figure that might be due to computer generated square waveform. Anyway, on mine it is essentially comprised of the following frequencies, give or take a Hertz, with a 590 Hertz fundamental and several harmonic odd partials:

590*1=590 Hz
590*3=1770 Hz
590*5=2950 Hz
590*7=4130 Hz

The second of those, 1770 Hz, has the highest amplitude. I prefer a single note sine wave side tone as in the T1300's, but the odd-harmonic side tone of the PFR 3A is OK, just different.

73 Lynn, NG9D

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Jun 20, 2011 10:37 am
Subject: RE: [pfr3_group] PFR-3 and K42 keyer

Hi Mike,
The AT4 sends audio to a stereo plug, and wires the tip and ring together, for the mono output. With some external devices, that puts the audio output shorted to each other, and nothing actually appears at the input to the external device.
I don't have a K42, so this may be all way off base. Are you using the same cable to connect to the K42 in each case, i.e. to the puter?
The filter in the AT4 is usually set up for psk decode, during the calibration phase of the build. It can be changed, but even without the recalibration, the AT4 will rx a 690 cycle tone, it just won't match the sidetone exactly when you go to tx. The rx tone for the K42 would be a bit higher in tone.
Could it be that the AT4 has the ring of the jack wired to ground?
Interesting challange, that,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: moody.michael@...
Date: Mon, 20 Jun 2011 14:57:32 +0000
Subject: [pfr3_group] PFR-3 and K42 keyer

Hi all,

I have been trying to get my PFR-3 to interface with a K42 decoder/keyboard unit.

I have nice strong signals in the headphones coming from the PFR-3, but no joy when connected to the K42.

I can plug the PFR-3 into my computer mic jack and decode using several different software packages.

I can plug the K42 into the speaker of the computer and decode morse from online sources like websdr.org, or mp3 files.

But when I connect the PFR-3 to the K42, nothing. The only thing I see in the K42 documentation is that it >>only<< decodes a signal of 690hz. When the PFR-3 is centered on the incoming signal and is coming through loud and clear, what is the frequency of the audio tone? Is there a way to change that incoming audio tone?

I'm trying to get ready for Field Day, to help my new club generate some extra CW points. They are pretty much SSB only. I'm also bringing my PSK20 for some digital points.

Thanks,

M ike KD0MEQ

2606. Black Widow Paddle Production to END

Yahoo group: pfr3_group
Date: 2011-06-21 01:24:36 UTC
From: Jerry Haigwood
Topic: 2606 Message: 2606

Hello All,

I have been building paddles for a few years now. Recently, sales have dwindled down to only a few each month. Therefore, I have decided to stop producing the Black widow Paddle. I currently have approximately 40 kits left. When I sell those, there will be no more. If you have wanted a Black Widow Paddle but have been procrastinating, now is time to get off of that fence! J I will continue to sell the Baby Black Widow for the KX1 and PFR-3 radios for a while (not sure how long). So if you are interested in one of the Black Widow Paddles, take a look at:

<http://www.w5jh.net/Paddles.htm>

73,

Jerry W5JH

2607. Re: [pfr3_group] Black Widow Paddle Production to END

Yahoo group: pfr3_group
Date: 2011-06-21 01:26:36 UTC
From: LARRY MAKOSKI
Topic: 2606 Message: 2607

Jerry,

I want one -- do you do PayPal?

73 de Larry W2LJ
QRP - When you care to send the very least!

From: Jerry Haigwood <jerry@...>
To: qrp-l@...; pfr3_group@yahoogroups.com; qrp-tech@yahoogroups.com
Sent: Monday, June 20, 2011 9:24 PM
Subject: [pfr3_group] Black Widow Paddle Production to END

Hello All,
    I have been building paddles for a few years now. Recently, sales have dwindled down to only a few each month. Therefore, I have decided to stop producing the Black widow Paddle. I currently have approximately 40 kits left. When I sell those, there will be no more. If you have wanted a Black Widow Paddle but have been procrastinating, now is time to get off of that fence! J I will continue to sell the Baby Black Widow for the KX1 and PFR-3 radios for a while (not sure how long). So if you are interested in one of the Black Widow Paddles, take a look at:

<http://www.w5jh.net/Paddles.htm>

73,
Jerry W5JH

2608. RE: [pfr3_group] Black Widow Paddle Production to END

Yahoo group: pfr3_group
Date: 2011-06-21 01:30:08 UTC
From: Jerry Haigwood
Topic: 2606 Message: 2608

Larry,

Yes, I do paypal. Just go to the web site and click on the paddle of choice. Check out and it will take you to paypal.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of LARRY MAKOSKI
Sent: Monday, June 20, 2011 8:27 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Black Widow Paddle Production to END

Jerry,

I want one -- do you do PayPal?

73 de Larry W2LJ
QRP - When you care to send the very least!

From: Jerry Haigwood <jerry@...>
To: qrp-l@...; pfr3_group@yahoogroups.com; qrp-tech@yahoogroups.com
Sent: Monday, June 20, 2011 9:24 PM
Subject: [pfr3_group] Black Widow Paddle Production to END

Hello All,

I have been building paddles for a few years now. Recently, sales have dwindled down to only a few each month. Therefore, I have decided to stop producing the Black widow Paddle. I currently have approximately 40 kits left. When I sell those, there will be no more. If you have wanted a Black Widow Paddle but have been procrastinating, now is time to get off of that fence! J I will continue to sell the Baby Black Widow for the KX1 and PFR-3 radios for a while (not sure how long). So if you are interested in one of the Black Widow Paddles, take a look at:

<http://www.w5jh.net/Paddles.htm>

73,

Jerry W5JH

2609. Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 03:52:23 UTC
From: Felipe Barco
Topic: 2609 Message: 2609

Hello, again!

My PFR-3 is ready! YEY!

But my power output is very low.

The PFR-3 gives me 1.5W on 40 and 30 meters. And 2.5W on 20 meters. One thing I noticed is that if I keep sending continuously in Straight mode, it goes, very slowly, to 2.0W and stops.

I'm using a 15W Dummy Load I built and a Voyager SWR-3P as Power Meter and SWR Meter. I know its junk, but that's what I have.

I counted the turns on the Filters, and and all six seem to be correct!

Can anybody give me a hint on what I can be doing wrong?

Thank You!!

Regards

Felipe - PU2OVA

2610. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 04:19:47 UTC
From: OllySteed@aol.com
Topic: 2609 Message: 2610

Felipe,
With the radio in tune position does the LED come on?
With the radio in operate mode does the LED come on?
If the dummy load is good you should not see any led light up in tune or operate mode.
Make sure you have it set to the COAX position.
Did you try hooking up an antenna to see how well it receives?
Peak the receiver then tune the tuner for max RX noise or a station you may hear.
Make sure both band switches are in the same position.
I don't have a schematic but the power you give tells me that you have some sort of thermal problem.
Have you tried the SWR meter on any other radio?
BOB
AF2Q

In a message dated 6/21/2011 12:52:46 A.M. Atlantic Daylight Time, felipebarco@... writes:

Hello, again!

My PFR-3 is ready! YEY!

But my power output is very low.

The PFR-3 gives me 1.5W on 40 and 30 meters. And 2.5W on 20 meters. One thing I noticed is that if I keep sending continuously in Straight mode, it goes, very slowly, to 2.0W and stops.

I'm using a 15W Dummy Load I built and a Voyager SWR-3P as Power Meter and SWR Meter. I know its junk, but that's what I have.

I counted the turns on the Filters, and and all six seem to be correct!

Can anybody give me a hint on what I can be doing wrong?

Thank You!!

Regards

Felipe - PU2OVA

2611. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 04:29:23 UTC
From: Felipe Barco
Topic: 2609 Message: 2611

Hello, Bob!

In Tune Position, the LED comes on.
In Operate Position, the LED stays off.

Due to weather conditions, I had some trouble with my last antenna, reason why I haven't tried it yet. But I get some hiss and outside interference.

The band switches are in the same position.
The SWR Meter is new, so I haven't tried it on any other radio. But, in SWR mode, it gives me a nice reading. I have 1:1 on my Dummy Load. The reading changes, of course, if I turn the switch.

I'm sorry, but what do you mean with Thermal Problem?

Thank you!

Felipe

On Tue, Jun 21, 2011 at 1:19 AM, <OllySteed@aol.com> wrote:

> **
>
>
> **
> Felipe,
> With the radio in tune position does the LED come on?
> With the radio in operate mode does the LED come on?
> If the dummy load is good you should not see any led light up in tune or
> operate mode.
> Make sure you have it set to the COAX position.
> Did you try hooking up an antenna to see how well it receives?
> Peak the receiver then tune the tuner for max RX noise or a station you may
> hear.
> Make sure both band switches are in the same position.
> I don't have a schematic but the power you give tells me that you have some
> sort of thermal problem.
> Have you tried the SWR meter on any other radio?
> BOB
> AF2Q
>
>
> In a message dated 6/21/2011 12:52:46 A.M. Atlantic Daylight Time,
> felipebarco@... writes:
>
>
>

> Hello, again!
>
> My PFR-3 is ready! YEY!
>
> But my power output is very low.
>
> The PFR-3 gives me 1.5W on 40 and 30 meters. And 2.5W on 20 meters. One
> thing I noticed is that if I keep sending continuously in Straight mode, it
> goes, very slowly, to 2.0W and stops.
>
> I'm using a 15W Dummy Load I built and a Voyager SWR-3P as Power Meter and
> SWR Meter. I know its junk, but that's what I have.
>
> I counted the turns on the Filters, and and all six seem to be correct!
>
> Can anybody give me a hint on what I can be doing wrong?
>
> Thank You!!
>
> Regards
>
> Felipe - PU2OVA
>
>
>
>

2612. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 04:37:03 UTC
From: OllySteed@aol.com
Topic: 2609 Message: 2612

Thermal as in heat build up.
Something get heated up to a point then the power stops dropping.
I just checked my rig and with a dummy load in tune position I have no LED and the same in operate mode
OK you have a 1.1 to 1 SWR but it changes when you turn a switch.
WHAT SWITCH ARE YOU SPEAKING ABOUT?
BOB
AF2Q

In a message dated 6/21/2011 1:29:53 A.M. Atlantic Daylight Time, felipebarco@... writes:

Hello, Bob!

In Tune Position, the LED comes on.
In Operate Position, the LED stays off.

Due to weather conditions, I had some trouble with my last antenna, reason why I haven't tried it yet. But I get some hiss and outside interference.

The band switches are in the same position.
The SWR Meter is new, so I haven't tried it on any other radio. But, in SWR mode, it gives me a nice reading. I have 1:1 on my Dummy Load. The reading changes, of course, if I turn the switch.

I'm sorry, but what do you mean with Thermal Problem?

Thank you!

Felipe

2613. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 04:41:09 UTC
From: Felipe Barco
Topic: 2609 Message: 2613

It's a SET & Field Strenght Adjustment.

It's a Variable Capacitor, I guess. If I let it to SET, my SWR is minimum.
If I start rotating it, SWR gets sky high.

I wonder why my led goes on in Tune.

I must say I'm doing the tests with my cabinet open.

On Tue, Jun 21, 2011 at 1:37 AM, <OllySteed@aol.com> wrote:

> **
>
>
> **
> Thermal as in heat build up.
> Something get heated up to a point then the power stops dropping.
> I just checked my rig and with a dummy load in tune position I have no LED
> and the same in operate mode
> OK you have a 1.1 to 1 SWR but it changes when you turn a switch.
> WHAT SWITCH ARE YOU SPEAKING ABOUT?
> BOB
> AF2Q
>
>
>
> In a message dated 6/21/2011 1:29:53 A.M. Atlantic Daylight Time,
> felipebarco@... writes:
>
>
>
> Hello, Bob!
>
> In Tune Position, the LED comes on.
> In Operate Position, the LED stays off.
>
> Due to weather conditions, I had some trouble with my last antenna, reason
> why I haven't tried it yet. But I get some hiss and outside interference.
>
> The band switches are in the same position.
> The SWR Meter is new, so I haven't tried it on any other radio. But, in SWR
> mode, it gives me a nice reading. I have 1:1 on my Dummy Load. The reading
> changes, of course, if I turn the switch.
>
> I'm sorry, but what do you mean with Thermal Problem?
>

> Thank you!
>
> Felipe
>
>
>
>

2614. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 04:45:39 UTC
From: Felipe Barco
Topic: 2609 Message: 2614

I noticed this:

In Tune Mode, the LED goes on, ok?

In the 40 Meters, the LED is dim, and I have 1/4W.

In the 30 Meters, the LED is stronger, and I have a little less then 1/2W.

In the 20 Meters, the LED is very bright, and I have 1/2W.

On Tue, Jun 21, 2011 at 1:41 AM, Felipe Barco <felipebarco@gmail.com> wrote:

> It's a SET & Field Strenght Adjustment.
>
> It's a Variable Capacitor, I guess. If I let it to SET, my SWR is minimum.
> If I start rotating it, SWR gets sky high.
>
> I wonder why my led goes on in Tune.
>
> I must say I'm doing the tests with my cabinet open.
>
>
> On Tue, Jun 21, 2011 at 1:37 AM, <OllySteed@...> wrote:
>
>> **
>>
>>
>> **
>> Thermal as in heat build up.
>> Something get heated up to a point then the power stops dropping.
>> I just checked my rig and with a dummy load in tune position I have no LED
>> and the same in operate mode
>> OK you have a 1.1 to 1 SWR but it changes when you turn a switch.
>> WHAT SWITCH ARE YOU SPEAKING ABOUT?
>> BOB
>> AF2Q
>>
>>
>>
>> In a message dated 6/21/2011 1:29:53 A.M. Atlantic Daylight Time,
>> felipebarco@... writes:
>>
>>
>>
>> Hello, Bob!
>>

>> In Tune Position, the LED comes on.
>> In Operate Position, the LED stays off.
>>
>> Due to weather conditions, I had some trouble with my last antenna, reason
>> why I haven't tried it yet. But I get some hiss and outside interference.
>>
>> The band switches are in the same position.
>> The SWR Meter is new, so I haven't tried it on any other radio. But, in
>> SWR mode, it gives me a nice reading. I have 1:1 on my Dummy Load. The
>> reading changes, of course, if I turn the switch.
>>
>> I'm sorry, but what do you mean with Thermal Problem?
>>
>> Thank you!
>>
>> Felipe
>>
>>
>>
>>
>
>

2615. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 04:46:50 UTC
From: OllySteed@aol.com
Topic: 2609 Message: 2615

You have me confused now
I think your saying you have a cap in your SWR/meter device.
It will go sky high.
You calibrate the SWR/POWER meter,then switch from power to SWR and you
should have a zero SWR into a dummy load.
I will check my other dummy load that I made back in 1980
Be right back
BOB
AF2Q

In a message dated 6/21/2011 1:41:33 A.M. Atlantic Daylight Time,
felipebarco@... writes:

It's a SET & Field Strenght Adjustment.

It's a Variable Capacitor, I guess. If I let it to SET, my SWR is minimum.
If I start rotating it, SWR gets sky high.

I wonder why my led goes on in Tune.

I must say I'm doing the tests with my cabinet open.

2616. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 04:47:51 UTC
From: Steve Smith
Topic: 2609 Message: 2616

Hello Felipe,

What is your power output in tune? What is it in operate?

What is the current being drawn in both positions?

73.......Steve Smith WB6TNL

P

2617. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 04:52:12 UTC
From: Felipe Barco
Topic: 2609 Message: 2617

Yes,I have zero SWR when I go from PWR to SWR.

Steve, I'll answer your questions about Current in a Sec. About the power:

40 Meters: 1.5 and 1/4W
30 Meters: 2.something and a little less then 1/2W
20 Meter: 2.5 and 1/2W

All of this are Oper and Tune power outs.

On Tue, Jun 21, 2011 at 1:47 AM, Steve Smith <sigcom@...> wrote:

> **
>
>
> Hello Felipe,
>
> What is your power output in tune? What is it in operate?
>
> What is the current being drawn in both positions?
>
> 73.......Steve Smith WB6TNL
>
> P
>
>
>

2618. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 04:56:34 UTC
From: OllySteed@aol.com
Topic: 2609 Message: 2618

OK Sorry but my mistake
I have the led very bright in tune setting
Then in all three bands in operate mode I have a bit over 5 watts and no LED not even the slightest dim LED
I did this with a 12 volt external battery then tried 2 different meters and my QRP dummy load and a QRP dummy load.
BOB
AF2Q

In a message dated 6/21/2011 1:46:09 A.M. Atlantic Daylight Time, felipebarco@... writes:

I noticed this:

In Tune Mode, the LED goes on, ok?

In the 40 Meters, the LED is dim, and I have 1/4W.

In the 30 Meters, the LED is stronger, and I have a little less then 1/2W.

In the 20 Meters, the LED is very bright, and I have 1/2W.

2619. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 04:58:26 UTC
From: OllySteed@aol.com
Topic: 2609 Message: 2619

This all is when you are in the tune mode?
BOB
AF2Q

In a message dated 6/21/2011 1:46:09 A.M. Atlantic Daylight Time,
felipebarco@... writes:

I noticed this:

In Tune Mode, the LED goes on, ok?

In the 40 Meters, the LED is dim, and I have 1/4W.

In the 30 Meters, the LED is stronger, and I have a little less then 1/2W.

In the 20 Meters, the LED is very bright, and I have 1/2W.

2620. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 05:02:58 UTC
From: Felipe Barco
Topic: 2609 Message: 2620

Yes. All in Tune mode.

In the 40 Meters I start with around 1.5W, going up slightly until it
reaches 2W. So, the Multimeter reads 26uA when I start to transmit, and
grows with power, until it reaches next to 30 uA.

I'm using a 12V external power supply.

On Tue, Jun 21, 2011 at 1:58 AM, <OllySteed@...> wrote:

> **
>
>
> **
> This all is when you are in the tune mode?
> BOB
> AF2Q
>
>
>
> In a message dated 6/21/2011 1:46:09 A.M. Atlantic Daylight Time,
> felipebarco@... writes:
>
> I noticed this:
>
> In Tune Mode, the LED goes on, ok?
>
> In the 40 Meters, the LED is dim, and I have 1/4W.
>
> In the 30 Meters, the LED is stronger, and I have a little less then 1/2W.
>
> In the 20 Meters, the LED is very bright, and I have 1/2W.
>
>
>
>

2621. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 05:07:33 UTC
From: OllySteed@aol.com
Topic: 2609 Message: 2621

OK More checking here'With the switch flipped toward the coax position I have a LED very bright
When I flip the switch to the red teriminal I have no LED in the tune mode ONly in operate mode.
In coax position I have LED in tune mode and no led in operate mode
BOB
AF2Q

In a message dated 6/21/2011 1:52:34 A.M. Atlantic Daylight Time, felipebarco@... writes:

Yes,I have zero SWR when I go from PWR to SWR.

Steve, I'll answer your questions about Current in a Sec. About the power:

40 Meters: 1.5 and 1/4W
30 Meters: 2.something and a little less then 1/2W
20 Meter: 2.5 and 1/2W

All of this are Oper and Tune power outs.

2622. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 05:10:12 UTC
From: Felipe Barco
Topic: 2609 Message: 2622

No changes on the LED, here.

BUT, my Power out decreases when I get the switch towards the Red Post.

On Tue, Jun 21, 2011 at 2:07 AM, <OllySteed@aol.com> wrote:

> **
>
>
> **
> OK More checking here'With the switch flipped toward the coax position I
> have a LED very bright
> When I flip the switch to the red teriminal I have no LED in the tune mode
> ONly in operate mode.
> In coax position I have LED in tune mode and no led in operate mode
> BOB
> AF2Q
>
>
> In a message dated 6/21/2011 1:52:34 A.M. Atlantic Daylight Time,
> felipebarco@... writes:
>
>
>
> Yes,I have zero SWR when I go from PWR to SWR.
>
> Steve, I'll answer your questions about Current in a Sec. About the power:
>
> 40 Meters: 1.5 and 1/4W
> 30 Meters: 2.something and a little less then 1/2W
> 20 Meter: 2.5 and 1/2W
>
> All of this are Oper and Tune power outs.
>
>
>
>

2623. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 05:11:18 UTC
From: Steve Smith
Topic: 2609 Message: 2623

Hi Felipe,

Something is wrong with those measurrments. 26 to 30 uA is impossible. Even 26 to 30 mA would be impossible. Could it be 260 to 300 mA?

73.......Steve Smith WB6TNL

2624. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 05:15:23 UTC
From: Felipe Barco
Topic: 2609 Message: 2624

I don't think so. I may have done it wrong, though..

On Tue, Jun 21, 2011 at 2:11 AM, Steve Smith <sigcom@...> wrote:

> **
>
>
> Hi Felipe,
>
> Something is wrong with those measurrments. 26 to 30 uA is impossible. Even
> 26 to 30 mA would be impossible. Could it be 260 to 300 mA?
>
> 73.......Steve Smith WB6TNL
>
>
>

2625. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 05:25:56 UTC
From: Steve Smith
Topic: 2609 Message: 2625

Hi Felipe,

Well, you won't get the power output you're measuring if the current being consumed is either 26/30 uA or 26/30 mA. That would equate to either .00032/.00036 Watts input or .32/.36 Watts input. So either your meter isn't set up properly (I'll assume that it is working OK) -or- your Wattmeter isn't indicating properly.

What we're looking for here is whether the power input is in the ballpark for 4-5 Watts input or if it's low.

What brand and model SWR meter are you using?

73.......Steve Smith WB6TNL

Please note: message attached

From: Felipe Barco <felipebarco@...>
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Low Power Output
Date: Tue, 21 Jun 2011 02:15:23 -0300

2626. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 05:33:59 UTC
From: Felipe Barco
Topic: 2609 Message: 2626

Hello, Steve!!

Did it Right! I'm sorry!

I have 48mA on receive. And 620mA when sending, getting 2.5W on 20M. And
from 460mA to 520mA on 40M, going from 1.5W to near 2W.

I have a SWR-3P from Voyager here.

On Tue, Jun 21, 2011 at 2:25 AM, Steve Smith <sigcom@...> wrote:

> **
>
>
> Hi Felipe,
>
> Well, you won't get the power output you're measuring if the current being
> consumed is either 26/30 uA or 26/30 mA. That would equate to either
> .00032/.00036 Watts input or .32/.36 Watts input. So either your meter isn't
> set up properly (I'll assume that it is working OK) -or- your Wattmeter
> isn't indicating properly.
>
> What we're looking for here is whether the power input is in the ballpark
> for 4-5 Watts input or if it's low.
>
> What brand and model SWR meter are you using?
>
> 73.......Steve Smith WB6TNL
>
> Please note: message attached
>
> From: Felipe Barco <felipebarco@...>
> To: pfr3_group@yahoogroups.com
> Subject: Re: [pfr3_group] Low Power Output
> Date: Tue, 21 Jun 2011 02:15:23 -0300
>
>
>

2627. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 05:49:24 UTC
From: Bob
Topic: 2609 Message: 2627

I'm getting ready for sleep Almost 0600 UTC here but it sounds like the dummy load you have is warming up and it may be sucking up some power. What are you using for power? Supply or internal batteries Bob AF2Q
Former member of the 12 O'oclock High Skydiving Team

-----Original Message-----
From: Felipe Barco <felipebarco@gmail.com>
Sender: pfr3_group@yahoogroups.com
Date: Tue, 21 Jun 2011 02:33:59
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Low Power Output

Hello, Steve!!

Did it Right! I'm sorry!

I have 48mA on receive. And 620mA when sending, getting 2.5W on 20M. And
from 460mA to 520mA on 40M, going from 1.5W to near 2W.

I have a SWR-3P from Voyager here.

On Tue, Jun 21, 2011 at 2:25 AM, Steve Smith <sigcom@juno.com> wrote:

> **
>
>
> Hi Felipe,
>
> Well, you won't get the power output you're measuring if the current being
> consumed is either 26/30 uA or 26/30 mA. That would equate to either
> .00032/.00036 Watts input or .32/.36 Watts input. So either your meter isn't
> set up properly (I'll assume that it is working OK) -or- your Wattmeter
> isn't indicating properly.
>
> What we're looking for here is whether the power input is in the ballpark
> for 4-5 Watts input or if it's low.
>
> What brand and model SWR meter are you using?
>
> 73.......Steve Smith WB6TNL
>
> Please note: message attached
>
> From: Felipe Barco <felipebarco@gmail.com>
> To: pfr3_group@yahoogroups.com
> Subject: Re: [pfr3_group] Low Power Output

> Date: Tue, 21 Jun 2011 02:15:23 -0300
>
>
>

2628. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 05:52:49 UTC
From: Felipe Barco
Topic: 2609 Message: 2628

I have to go to sleep, too. 3AM here. I'm using a power supply.

The Dummy Load is rated for 15W. I should be using 5W. It's not heating actually.

I appreciate your help! Thanks! We may keep up tomorrow! =)

On Tue, Jun 21, 2011 at 2:49 AM, Bob <OllySteed@...> wrote:

> **
>
>
> I'm getting ready for sleep Almost 0600 UTC here but it sounds like the
> dummy load you have is warming up and it may be sucking up some power. What
> are you using for power? Supply or internal batteries Bob AF2Q
>
> Former member of the 12 O'oclock High Skydiving Team
> ------------------------------
> *From: * Felipe Barco <felipebarco@...>
> *Sender: * pfr3_group@yahoogroups.com
> *Date: *Tue, 21 Jun 2011 02:33:59 -0300
> *To: *<pfr3_group@yahoogroups.com>
> *ReplyTo: * pfr3_group@yahoogroups.com
> *Subject: *Re: [pfr3_group] Low Power Output
>
> Hello, Steve!!
>
> Did it Right! I'm sorry!
>
> I have 48mA on receive. And 620mA when sending, getting 2.5W on 20M. And
> from 460mA to 520mA on 40M, going from 1.5W to near 2W.
>
> I have a SWR-3P from Voyager here.
>
> On Tue, Jun 21, 2011 at 2:25 AM, Steve Smith <sigcom@...> wrote:
>
>> **
>>
>>
>> Hi Felipe,
>>
>> Well, you won't get the power output you're measuring if the current being
>> consumed is either 26/30 uA or 26/30 mA. That would equate to either
>> .00032/.00036 Watts input or .32/.36 Watts input. So either your meter isn't
>> set up properly (I'll assume that it is working OK) -or- your Wattmeter
>> isn't indicating properly.

>>
>> What we're looking for here is whether the power input is in the ballpark
>> for 4-5 Watts input or if it's low.
>>
>> What brand and model SWR meter are you using?
>>
>> 73.......Steve Smith WB6TNL
>>
>> Please note: message attached
>>
>> From: Felipe Barco <felipebarco@...>
>> To: pfr3_group@yahoogroups.com
>> Subject: Re: [pfr3_group] Low Power Output
>> Date: Tue, 21 Jun 2011 02:15:23 -0300
>>
>>
>
>

2629. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 05:58:31 UTC
From: Steve Smith
Topic: 2609 Message: 2629

Felipe,

OK! Now we're getting somewhere! .620 Amps at 12V is 7 Watts input! That means that the BS170 transistors are making full power. On 40 your current measurements indicate 5.5 to 6.25 Watts input. You will notice that the ratios of pin to p/out track fairly closely on both bands. If it was an output filter problem I would expect those ratios would much different from each other.

I suspect a problem with the accuracy of your SWR meter. From what I have gathered on the Internet about that meter, it is primarily for 11 Meter CB. Those meters typically use a coaxial coupler line with simple loop-coupled diode detectors. They are only accurate over a narrow frequency band and are most sensitive at the high end of the frequencies they are designed for.

So, my conclusion is that your PFR-3A is working properly but the SWR meter cannot properly display the actual power output

With not too much difficulty you could change the pickup/detector circuit to either a Bruene or a Stockton circuit either one of which is very accurate over the 3 bands of interest.

73.......Steve Smith WB6TNL

2630. Re: [pfr3_group] Low Power Output

Yahoo group: pfr3_group
Date: 2011-06-21 06:09:12 UTC
From: Steve Smith
Topic: 2609 Message: 2630

Hello Felipe,

One more suggestion:

If you don't already have one, I recommend that you build an RF probe such as the one described here:

http://www.prismnet.com/~n5fc/rfprobe1.htm

With this probe carefully assembled, a good dummy load and a bit of math you can closely determine your power output. It's a great little piece of test equipment.

You could still use your Voyager meter for SWR. As long as you can get a full-scale ("Set") indication then the SWR reading will be accurate.

73.......Steve Smith WB6TNL

2631. Attaching L1 and T1

Yahoo group: pfr3_group
Date: 2011-06-21 06:19:26 UTC
From: lee
Topic: 2609 Message: 2631

I mounted L1 and T1 as indicated in the manual. That is, in a vertical position. The only thing holding them to the PC board are the winding wires. This is not very secure for a “portable” radio. I am assuming past builders have “tacked” the coils down in some form with either “beeswax” or maybe even an aquarium silicon sealer which gives off no acid to affect the wire. Is this what you guys have done? The manual makes no mention of “tacking” them down. I can’t imagine leaving them “floating”. If the wire holes were a little further apart, the wires would have secured the core to the board more securly. However the wire holes are so close together, not much stability is rendered to the core by the wires.
Just curious what others have done to their radio. I am leaning towards a few drops of beeswax between the board and cores. (I realize those cores with heavier wire standing upright would stay in place better and there are some of those in the output filter. However, L1 and T1 use number 30 wire which is not as strong. Also cores held in place horizontally would have no stability problem either).

2632. Re: [pfr3_group] Attaching L1 and T1

Yahoo group: pfr3_group
Date: 2011-06-21 06:43:23 UTC
From: OllySteed@aol.com
Topic: 2609 Message: 2632

Use the hot wax from the small heat guns.
They call it wax but it has a rubber texture to it.
I also used Elmers glue,rubber cement and hot wax from a candle but the heat sticks are more like rubber when tried and won't crack like hard wax.
BOB
AF2Q

In a message dated 6/21/2011 3:19:41 A.M. Atlantic Daylight Time, pulsarxp@... writes:

Just curious what others have done to their radio. I am leaning towards a few drops of beeswax between the board and cores. (I realize those cores with heavier wire standing upright would stay in place better and there are some of those in the output filter. However, L1 and T1 use number 30 wire which is not as strong. Also cores held in place horizontally would have no stability problem either).

2633. Re: [pfr3_group] Attaching L1 and T1

Yahoo group: pfr3_group
Date: 2011-06-21 06:55:50 UTC
From: lee
Topic: 2609 Message: 2633

Thanks, Bob. Hot glue! Good idea.
It’s late, we both need to go to bed!
Thanks,
Lee, w0vt

2634. Re: [pfr3_group] Attaching L1 and T1

Yahoo group: pfr3_group
Date: 2011-06-21 22:53:24 UTC
From: Doug Jackson
Topic: 2609 Message: 2634

Three words....

Hot Melt Glue!

:-)

On Tue, Jun 21, 2011 at 4:19 PM, lee <pulsarxp@...> wrote:

> **
>
>
> I mounted L1 and T1 as indicated in the manual. That is, in a vertical
> position. The only thing holding them to the PC board are the winding
> wires. This is not very secure for a “portable” radio.. I am assuming past
> builders have “tacked” the coils down in some form with either “beeswax” or
> maybe even an aquarium silicon sealer which gives off no acid to affect the
> wire. Is this what you guys have done? The manual makes no mention of
> “tacking” them down. I can’t imagine leaving them “floating”. If the wire
> holes were a little further apart, the wires would have secured the core to
> the board more securly. However the wire holes are so close together, not
> much stability is rendered to the core by the wires.
>
> Just curious what others have done to their radio. I am leaning towards
> a few drops of beeswax between the board and cores. (I realize those cores
> with heavier wire standing upright would stay in place better and there are
> some of those in the output filter. However, L1 and T1 use number 30 wire
> which is not as strong. Also cores held in place horizontally would have no
> stability problem either).
>
>
>

--
Doug Jackson
VK1ZDJ
http://www.dougswordclock.com/ -< My clocks
http://www.vk1zdj.net -< My Amature Radio Activities

2635. Re: [pfr3_group] Attaching L1 and T1

Yahoo group: pfr3_group
Date: 2011-06-21 22:54:27 UTC
From: Doug Jackson
Topic: 2609 Message: 2635

Whoopsies! Missed the rest of the thread!

On Wed, Jun 22, 2011 at 8:53 AM, Doug Jackson <doug@...> wrote:

> Three words....
>
> Hot Melt Glue!
>
> :-)
>
>
>
> On Tue, Jun 21, 2011 at 4:19 PM, lee <pulsarxp@embarqmail.com> wrote:
>
>> **
>>
>>
>> I mounted L1 and T1 as indicated in the manual. That is, in a vertical
>> position. The only thing holding them to the PC board are the winding
>> wires. This is not very secure for a “portable” radio.. I am assuming past
>> builders have “tacked” the coils down in some form with either “beeswax” or
>> maybe even an aquarium silicon sealer which gives off no acid to affect the
>> wire. Is this what you guys have done? The manual makes no mention of
>> “tacking” them down. I can’t imagine leaving them “floating”. If the wire
>> holes were a little further apart, the wires would have secured the core to
>> the board more securly. However the wire holes are so close together, not
>> much stability is rendered to the core by the wires.
>>
>> Just curious what others have done to their radio. I am leaning towards
>> a few drops of beeswax between the board and cores. (I realize those cores
>> with heavier wire standing upright would stay in place better and there are
>> some of those in the output filter. However, L1 and T1 use number 30 wire
>> which is not as strong. Also cores held in place horizontally would have no
>> stability problem either).
>>
>>
>>
>
>
>
> --
> Doug Jackson
> VK1ZDJ
> http://www.dougswordclock.com/ -< My clocks
> http://www.vk1zdj.net -< My Amature Radio Activities

>
>

--
Doug Jackson
VK1ZDJ
http://www.dougswordclock.com/ -< My clocks
http://www.vk1zdj.net -< My Amature Radio Activities

2636. Re: PFR-3 odd-harmonic side tone

Yahoo group: pfr3_group
Date: 2011-06-21 22:45:44 UTC
From: Michael
Topic: 2600 Message: 2636

Lynn,

The multi-tone audio makes sense as to why the K42 won't decode. The documentation is very specific as to only decoding 690hz. Barring any simple way to change the output of the PFR-3, I'll just have to look for other solutions to decode. I suppose I could use my PC until I get up to speed.

I like your videos. They were a large part of the reason I bought a PFR-3 kit.

Mike KD0MEQ

2637. Re: [pfr3_group] Re: PFR-3 odd-harmonic side tone

Yahoo group: pfr3_group
Date: 2011-06-22 00:47:23 UTC
From: Steven Weber
Topic: 2600 Message: 2637

> The multi-tone audio makes sense as to why the K42 won't decode. The
> documentation is very specific as to only decoding 690hz. Barring any
> simple way to change the output of the PFR-3, I'll just have to look for
> other solutions to decode. I suppose I could use my PC until I get up to
> speed.

The multi-tone only applies to the side tone, not the received audio. The only issue the K42 would have in decoding the side tone is the fact it does not have a 690 Hz fundimental. The K42 implements a fairly narrow DSP filter centered at 690 Hz, which is the result of the the cpu clock frequency and other software constraints, due to the decoder being implemented using a general purpose uP, not a actual DSP chip.

72, Steve KD1JV

2638. Re: [pfr3_group] Re: PFR-3 odd-harmonic side tone

Yahoo group: pfr3_group
Date: 2011-06-22 01:28:25 UTC
From: lahagar1@aol.com
Topic: 2600 Message: 2638

Mike,

As Steve said, the side-tone audio doesn't affect the receiver audio.

Try adjusting the received signal using the RIT to change the audio pitch until it matches that needed by your decoder (~690 Hz). That won't affect you transmitter frequency, and QSO would be conducted in a normal manner after you set the RIT. I checked the pass band, and at least on mine you can copy just fine with RIT offset and 690 Hz audio on the received signal.

No, you won't be decoding your side of the transmission, but that shouldn't be a problem. since you know what you are sending ;-)

Thanks for comment on videos, I am a huge PFR 3 supporter! And Steve, thanks once again for designing a superb radio!!

73 Lynn, NG9D

-----Original Message-----
From: Steven Weber <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Jun 21, 2011 7:47 pm
Subject: Re: [pfr3_group] Re: PFR-3 odd-harmonic side tone

> The multi-tone audio makes sense as to why the K42 won't decode. The
> documentation is very specific as to only decoding 690hz. Barring any
> simple way to change the output of the PFR-3, I'll just have to look for
> other solutions to decode. I suppose I could use my PC until I get up to
> speed.

The multi-tone only applies to the side tone, not the received audio. The
only issue the K42 would have in decoding the side tone is the fact it does
not have a 690 Hz fundimental. The K42 implements a fairly narrow DSP filter
centered at 690 Hz, which is the result of the the cpu clock frequency and
other software constraints, due to the decoder being implemented using a
general purpose uP, not a actual DSP chip.

72, Steve KD1JV

2639. Translator

Yahoo group: pfr3_group
Date: 2011-06-22 12:54:57 UTC
From: f6ddv
Topic: 2639 Message: 2639

Hello everyone
Anyone know a translator that it can be integrated directly to Oulook Express?
I'm still with XP family because I do not like Win7 tools ...
(Ah ... the poor French!, H.I.)
73S
Jean-Paul F6DDV

2640. Re: [pfr3_group] PFR-3 and K42 keyer

Yahoo group: pfr3_group
Date: 2011-06-22 14:52:38 UTC
From: f6ddv
Topic: 2600 Message: 2640

Hello all friends list
I do not think I know the K42
Or I can be seen, but I do not know the manufacturer
Perhaps the pfr3 have a place in his chain of transmission or it would be possible to modulate the FM? In writing this I think naturally frequency shift especially in BPSK, I'm just asking, because in some cases it is possible to modify the transceiver for this?
It would be really interesting because there is the very good NuePsk not much bigger than him, I can tell you it works very well in portable QRP.
73S
Jean paul F6DDV

----- Original Message -----
From: Michael
To: pfr3_group@yahoogroups.com
Sent: Monday, June 20, 2011 4:57 PM
Subject: [pfr3_group] PFR-3 and K42 keyer

Hi all,

I have been trying to get my PFR-3 to interface with a K42 decoder/keyboard unit.

I have nice strong signals in the headphones coming from the PFR-3, but no joy when connected to the K42.

I can plug the PFR-3 into my computer mic jack and decode using several different software packages.

I can plug the K42 into the speaker of the computer and decode morse from online sources like websdr.org, or mp3 files.

But when I connect the PFR-3 to the K42, nothing. The only thing I see in the K42 documentation is that it >>only<< decodes a signal of 690hz. When the PFR-3 is centered on the incoming signal and is coming through loud and clear, what is the frequency of the audio tone? Is there a way to change that incoming audio tone?

I'm trying to get ready for Field Day, to help my new club generate some extra CW points. They are pretty much SSB only. I'm also bringing my PSK20 for some digital points.

Thanks,

Mike KD0MEQ

2641. Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-23 08:52:03 UTC
From: Grant
Topic: 2641 Message: 2641

I am testing group 1 of the build. Should I insert the IC U8 into the socket for this test? The instructions don't say to do this, so I haven't but when attaching power, my readout doesn't light up properly. Only some of the digits half light up. I am thinking perhaps I need to insert U8.

2642. Re: [pfr3_group] Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-23 09:04:05 UTC
From: Carlo Strozzi
Topic: 2641 Message: 2642

On Thu, Jun 23, 2011 at 08:52:03AM -0000, Grant wrote:
> I am testing group 1 of the build. Should I insert the IC U8 into the socket for this test? The instructions don't say to do this, so I haven't but when attaching power, my readout doesn't light up properly. Only some of the digits half light up. I am thinking perhaps I need to insert U8.

Hmm, no, you do not need to insert U8 (I didn't), and the display should
behave as described in the smoke test.

ciao,
Carlo

--
Software Patents kill Innovation: say NO to Software Patents!
I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2643. Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-23 11:23:07 UTC
From: Grant
Topic: 2641 Message: 2643

Carlo, Thanks for the info. Any ideas why mine isn't doing what it should? I have resoldered all the joints on the underside of the board so they should be good. All components are in too, except for U8. And if I press the up and down switches, the display doesn't change (but not all the digits are lighting up, only some of the parts of each).

--- In pfr3_group@yahoogroups.com, Carlo Strozzi <carlos@...> wrote:
>
> On Thu, Jun 23, 2011 at 08:52:03AM -0000, Grant wrote:
> > I am testing group 1 of the build. Should I insert the IC U8 into the socket for this test? The instructions don't say to do this, so I haven't but when attaching power, my readout doesn't light up properly. Only some of the digits half light up. I am thinking perhaps I need to insert U8.
>
> Hmm, no, you do not need to insert U8 (I didn't), and the display should
> behave as described in the smoke test.
>
> ciao,
> Carlo
>
> --
> Software Patents kill Innovation: say NO to Software Patents!
> I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!
>

2644. Re: [pfr3_group] Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-23 14:26:59 UTC
From: Carlo Strozzi
Topic: 2641 Message: 2644

On Thu, Jun 23, 2011 at 11:23:07AM -0000, Grant wrote:
> Carlo, Thanks for the info. Any ideas why mine isn't doing what it
> should? I have resoldered all the joints on the underside of the board
> so they should be good. All components are in too, except for U8. And if
> I press the up and down switches, the display doesn't change (but not
> all the digits are lighting up, only some of the parts of each).

Grant,

did you install the needed jumper shown on page 7 of the manual ?

ciao,
Carlo

--
Software Patents kill Innovation: say NO to Software Patents!
I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2645. RE: [pfr3_group] Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-23 12:27:46 UTC
From: Dale Putnam
Topic: 2641 Message: 2645

I've had a couple of the displays act up like that.... even went so far as to replace the display, still didn't work... spent many hours picking apart the solder connections, still not all the display working...Finally decided that this was not going to get ahead of me, so, I very methodically measured every contact, top and bottom of the board. Found one... that did not have the plated through solder in the hole. Touched the unsoldered side of the board and component lead, added a tiny bit of solder... repowered up, and all is well. Which one, which one..... wait that is the best part... (maybe)I had a second one a couple weeks later that started off the same way... went right to that same hole... nope.. not it. But I had already started the measure the plating of the holes... so I might as well continue.. sure enough.. there was another.Can I tell you which one? Yep... one of the component leads that you have already installed.. close to the display, and I don't remember it being the display itself.Sorry, but what has happened is that during the making of the board, the plating on the holes, just simply didn't make it, in what appears to be only one hole, and fussing about it is fruitless.So.. what to do? I haven't heard of any problems with plating anywhere else on the board but during the first test. If I have one now that does that... I simply solder top and bottom of the leads that are already on the board.. leave the rest alone. And after that... no more problems. And you know... now, why the hole through plating has been such a wonderful advancement in board making. Have a great day,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Thu, 23 Jun 2011 11:23:07 +0000
Subject: [pfr3_group] Re: Group I test and U8

Carlo, Thanks for the info. Any ideas why mine isn't doing what it should? I have resoldered all the joints on the underside of the board so they should be good. All components are in too, except for U8. And if I press the up and down switches, the display doesn't change (but not all the digits are lighting up, only some of the parts of each).

--- In pfr3_group@yahoogroups.com, Carlo Strozzi <carlos@...> wrote:

>

> On Thu, Jun 23, 2011 at 08:52:03AM -0000, Grant wrote:

> > I am testing group 1 of the build. Should I insert the IC U8 into the socket for this test? The instructions don't say to do this, so I haven't but when attaching power, my readout doesn't light up properly. Only some of the digits half light up. I am thinking perhaps I need to insert U8.

>

> Hmm, no, you do not need to insert U8 (I didn't), and the display should

> behave as described in the smoke test.

>

> ciao,

> Carlo

>

> --

> Software Patents kill Innovation: say NO to Software Patents!

> I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

>

2646. Re: Group I test and U8 and "plated through holes"

Yahoo group: pfr3_group
Date: 2011-06-23 16:30:36 UTC
From: Rick Dwight
Topic: 2641 Message: 2646

Grant,
During a PFR3 build about a month ago I accidently also found a plated through hole which was not. This was before a component was installed, so I simply made sure of a good solder connection. I did not write down where this hole was and I do not even remember where on the board it was. I did not have any problems with the build so I simply dismissed this as an isolated "glitch". So check this possibility out carefully. Please double check that your supply voltage and the voltage out of the regulators is in spec. The PFR which I built for a ham an AZ is now in AZ, but I would think that the current draw should be quite low for the group 1 tests....probably <30 ma or <<30 ma.
Rick KL7CW Palmer, Alaska

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
> I am testing group 1 of the build. Should I insert the IC U8 into the socket for this test? The instructions don't say to do this, so I haven't but when attaching power, my readout doesn't light up properly. Only some of the digits half light up. I am thinking perhaps I need to insert U8.
>

2647. Frequency Counter

Yahoo group: pfr3_group
Date: 2011-06-23 22:13:37 UTC
From: kybarney
Topic: 2647 Message: 2647

I was reading through the manual prior to starting the build. I do not own a frequency counter and was wondering if anyone knows of an inexpensive frequency counter or an alternative way to align the frequency? The manual says if you don't align the frequency, it may be up to 300hz off.

Thanks,
Kyle

2648. Re: [pfr3_group] Frequency Counter

Yahoo group: pfr3_group
Date: 2011-06-23 22:52:45 UTC
From: Steve Smith
Topic: 2647 Message: 2648

Kyle,

Well, if you get a frequency counter then you have to worry about that being calibrated :-).

Just follow the instructions under "Beating to WWV" on page 10.

Zero beating to WWV really isn't all that difficult if you have a 10 MHz 2nd receiver with an 'S' Meter. When the zero beat gets down below audible and near a few Hz you can 'see' the beat on the S-meter. Just continue to adjust until the movement of the S-meter slows to zero or as close to that as you can get it. Actually, many times you can hear the 'swish-swish' sound of the beat in the monitor receiver when it gets down to a couple of Hz.

Best of luck.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "kybarney" <kybarney@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Frequency Counter
Date: Thu, 23 Jun 2011 22:13:37 -0000

I was reading through the manual prior to starting the build. I do not own a frequency counter and was wondering if anyone knows of an inexpensive frequency counter or an alternative way to align the frequency? The manual says if you don't align the frequency, it may be up to 300hz off.

Thanks,
Kyle

Yahoo! Groups Links

2649. Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-23 23:40:05 UTC
From: Grant
Topic: 2641 Message: 2649

Yes Carlo, that is in place.

Grant

--- In pfr3_group@yahoogroups.com, Carlo Strozzi <carlos@...> wrote:
>
> On Thu, Jun 23, 2011 at 11:23:07AM -0000, Grant wrote:
> > Carlo, Thanks for the info. Any ideas why mine isn't doing what it
> > should? I have resoldered all the joints on the underside of the board
> > so they should be good. All components are in too, except for U8. And if
> > I press the up and down switches, the display doesn't change (but not
> > all the digits are lighting up, only some of the parts of each).
>
> Grant,
>
> did you install the needed jumper shown on page 7 of the manual ?
>
> ciao,
> Carlo
>
> --
> Software Patents kill Innovation: say NO to Software Patents!
> I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!
>

2650. Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-23 23:49:43 UTC
From: Grant
Topic: 2641 Message: 2650

Thanks Dale, Now I need to fire up my iron with the ultra thin tip (the one I normally use for surface mounted components). I'll add a small drop of solder to the leads on the top side of the board, starting from the ones nearest the display and report back.

Grant

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> I've had a couple of the displays act up like that.... even went so far as to replace the display, still didn't work... spent many hours picking apart the solder connections, still not all the display working...Finally decided that this was not going to get ahead of me, so, I very methodically measured every contact, top and bottom of the board. Found one... that did not have the plated through solder in the hole. Touched the unsoldered side of the board and component lead, added a tiny bit of solder... repowered up, and all is well. Which one, which one..... wait that is the best part... (maybe)I had a second one a couple weeks later that started off the same way... went right to that same hole... nope.. not it. But I had already started the measure the plating of the holes... so I might as well continue.. sure enough.. there was another.Can I tell you which one? Yep... one of the component leads that you have already installed.. close to the display, and I don't remember it being the display itself.Sorry, but what has happened is that during the making of the board, the plating on the holes, just simply didn't make it, in what appears to be only one hole, and fussing about it is fruitless.So.. what to do? I haven't heard of any problems with plating anywhere else on the board but during the first test. If I have one now that does that... I simply solder top and bottom of the leads that are already on the board.. leave the rest alone. And after that... no more problems. And you know... now, why the hole through plating has been such a wonderful advancement in board making. Have a great day,
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: grantmcduling@...
> Date: Thu, 23 Jun 2011 11:23:07 +0000
> Subject: [pfr3_group] Re: Group I test and U8
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> Carlo, Thanks for the info. Any ideas why mine isn't doing what it should? I have resoldered all the joints on the underside of the board so they should be good. All components are in too, except for U8. And if I press the up and down switches, the display doesn't change (but not all the digits are lighting up, only some of the parts of each).
>
>
>
> --- In pfr3_group@yahoogroups.com, Carlo Strozzi <carlos@> wrote:
>
> >
>
> > On Thu, Jun 23, 2011 at 08:52:03AM -0000, Grant wrote:
>
> > > I am testing group 1 of the build. Should I insert the IC U8 into the socket for this test? The instructions don't say to do this, so I haven't but when attaching power, my readout doesn't light up properly. Only some of the digits half light up. I am thinking perhaps I need to insert U8.
>
> >
>
> > Hmm, no, you do not need to insert U8 (I didn't), and the display should
>
> > behave as described in the smoke test.
>
> >
>
> > ciao,
>
> > Carlo
>
> >
>

> > --
>
> > Software Patents kill Innovation: say NO to Software Patents!
>
> > I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!
>
> >
>

2651. Re: Frequency Counter

Yahoo group: pfr3_group
Date: 2011-06-23 23:52:11 UTC
From: kybarney
Topic: 2647 Message: 2651

I will check that out. Thanks Steve.

Kyle N9NJM

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Kyle,
>
> Well, if you get a frequency counter then you have to worry about that being calibrated :-).
>
> Just follow the instructions under "Beating to WWV" on page 10.
>
> Zero beating to WWV really isn't all that difficult if you have a 10 MHz 2nd receiver with an 'S' Meter. When the zero beat gets down below audible and near a few Hz you can 'see' the beat on the S-meter. Just continue to adjust until the movement of the S-meter slows to zero or as close to that as you can get it. Actually, many times you can hear the 'swish-swish' sound of the beat in the monitor receiver when it gets down to a couple of Hz.
>
> Best of luck.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "kybarney" <kybarney@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Frequency Counter
> Date: Thu, 23 Jun 2011 22:13:37 -0000
>
> I was reading through the manual prior to starting the build. I do not own a frequency counter and was wondering if anyone knows of an inexpensive frequency counter or an alternative way to align the frequency? The manual says if you don't align the frequency, it may be up to 300hz off.
>
> Thanks,
> Kyle
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2652. RE: [pfr3_group] Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-23 23:58:00 UTC
From: Dale Putnam
Topic: 2641 Message: 2652

Good Luck Grant, just be mindful of the rest of the iron, besides the tip. It melts the oddest things, while you are focused on solder melting. That is said, cause I just did that... but that is another story,Have fun,Let me know how it goes, please?

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Thu, 23 Jun 2011 23:49:43 +0000
Subject: [pfr3_group] Re: Group I test and U8

Thanks Dale, Now I need to fire up my iron with the ultra thin tip (the one I normally use for surface mounted components). I'll add a small drop of solder to the leads on the top side of the board, starting from the ones nearest the display and report back.

Grant

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:

>

>

> I've had a couple of the displays act up like that.... even went so far as to replace the display, still didn't work... spent many hours picking apart the solder connections, still not all the display working...Finally decided that this was not going to get ahead of me, so, I very methodically measured every contact, top and bottom of the board. Found one... that did not have the plated through solder in the hole. Touched the unsoldered side of the board and component lead, added a tiny bit of solder... repowered up, and all is well. Which one, which one..... wait that is the best part... (maybe)I had a second one a couple weeks later that started off the same way... went right to that same hole... nope.. not it. But I had already started the measure the plating of the holes... so I might as well continue.. sure enough.. there was another.Can I tell you which one? Yep... one of the component leads that you have already installed.. close to the display, and I don't remember it being the display itself.Sorry, but what has happened is that during the making of the board, the plating on the holes, just simply didn't make it, in what appears to be only one hole, and fussing about it is fruitless.So.. what to do? I haven't heard of any problems with plating anywhere else on the board but during the first test. If I have one now that does that... I simply solder top and bottom of the leads that are already on the board.. leave the rest alone. And after that... no more problems. And you know... now, why the hole through plating has been such a wonderful advancement in board making. Have a great day,

>

> --... ...--

> Dale - WC7S in Wy

> To: pfr3_group@yahoogroups.com

> From: grantmcduling@...

> Date: Thu, 23 Jun 2011 11:23:07 +0000

> Subject: [pfr3_group] Re: Group I test and U8

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> Carlo, Thanks for the info. Any ideas why mine isn't doing what it should? I have resoldered all the joints on the underside of the board so they should be good. All components are in too, except for U8. And if I press the up and down switches, the display doesn't change (but not all the digits are lighting up, only some of the parts of each).

>

>

>

> --- In pfr3_group@yahoogroups.com, Carlo Strozzi <carlos@> wrote:

>

> >

>

> > On Thu, Jun 23, 2011 at 08:52:03AM -0000, Grant wrote:

>

> > > I am testing group 1 of the build. Should I insert the IC U8 into the socket for this test? The instructions don't say to do this, so I haven't but when attaching power, my readout doesn't light up properly. Only some of the digits half light up. I am thinking perhaps I need to insert U8.

>

> >

>

> > Hmm, no, you do not need to insert U8 (I didn't), and the display should

>

> > behave as described in the smoke test.

>

> >

>

> > ciao,

>

> > Carlo

>

> >

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> > --

>

> > Software Patents kill Innovation: say NO to Software Patents!

>

> > I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

>

> >

>

2653. Re: [pfr3_group] Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-24 00:06:37 UTC
From: lee
Topic: 2641 Message: 2653

I found out awhile back while building other kits, the same type problem with bad thru hole jumpers when building up a multi-layer PC board.. I initially never used long enough heating of the joint point to allow the solder to flow thru the hole to the other side. I now hold the iron in place just slightly longer and allow solder to flow thru the hole to the other side of the board. If you have done this, you will notice the opposite side does indeed have solder on it. It does not take but a very short more time and feeding of just a little bit more solder for this to happen. Before doing this I never saw solder coming thru the hole on the other side of the board. Insuring solder flows up the wire and thru the hole will solve any thru hole manufacturer connection problems.

Since doing the above, I have found it totally unnecessary to solder both sides of the board.

Lee, w0vt

Thanks Dale, Now I need to fire up my iron with the ultra thin tip (the one I normally use for surface mounted components). I'll add a small drop of solder to the leads on the top side of the board, starting from the ones nearest the display and report back.

Grant

--- In mailto:pfr3_group%40yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
>

2654. Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-24 10:00:49 UTC
From: Grant
Topic: 2641 Message: 2654

An update. I have soldered just about all the holes on the top of the board in Phase 1 now and it has made no difference. Must be something more sinister. I'll see if I can get a fresh, more experienced, set of eyes to go over it now as I have drawn a blank. You know, when I read in the instructions that nothing much can go wrong with this phase, I think, 'they don't know me. If something can go wrong, it will.' I need to sort this out before moving on to phase 2.

--- In pfr3_group@yahoogroups.com, "lee" <pulsarxp@...> wrote:
>
> I found out awhile back while building other kits, the same type problem with bad thru hole jumpers when building up a multi-layer PC board.. I initially never used long enough heating of the joint point to allow the solder to flow thru the hole to the other side. I now hold the iron in place just slightly longer and allow solder to flow thru the hole to the other side of the board. If you have done this, you will notice the opposite side does indeed have solder on it. It does not take but a very short more time and feeding of just a little bit more solder for this to happen. Before doing this I never saw solder coming thru the hole on the other side of the board. Insuring solder flows up the wire and thru the hole will solve any thru hole manufacturer connection problems.
>
> Since doing the above, I have found it totally unnecessary to solder both sides of the board.
>
> Lee, w0vt
>
>
>
>
> Thanks Dale, Now I need to fire up my iron with the ultra thin tip (the one I normally use for surface mounted components). I'll add a small drop of solder to the leads on the top side of the board, starting from the ones nearest the display and report back.
>
> Grant
>
> --- In mailto:pfr3_group%40yahoogroups.com, Dale Putnam <daleputnam@> wrote:
> >
> >
> >
>

2655. RE: [pfr3_group] Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-24 11:55:00 UTC
From: Dale Putnam
Topic: 2641 Message: 2655

Hi Grant, Ok, do you have dc voltage readings for the display? Maybe we can find it with dc tracing?

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Fri, 24 Jun 2011 10:00:49 +0000
Subject: [pfr3_group] Re: Group I test and U8

An update. I have soldered just about all the holes on the top of the board in Phase 1 now and it has made no difference. Must be something more sinister. I'll see if I can get a fresh, more experienced, set of eyes to go over it now as I have drawn a blank. You know, when I read in the instructions that nothing much can go wrong with this phase, I think, 'they don't know me. If something can go wrong, it will.' I need to sort this out before moving on to phase 2.

--- In pfr3_group@yahoogroups.com, "lee" <pulsarxp@...> wrote:

>

> I found out awhile back while building other kits, the same type problem with bad thru hole jumpers when building up a multi-layer PC board.. I initially never used long enough heating of the joint point to allow the solder to flow thru the hole to the other side. I now hold the iron in place just slightly longer and allow solder to flow thru the hole to the other side of the board. If you have done this, you will notice the opposite side does indeed have solder on it. It does not take but a very short more time and feeding of just a little bit more solder for this to happen. Before doing this I never saw solder coming thru the hole on the other side of the board. Insuring solder flows up the wire and thru the hole will solve any thru hole manufacturer connection problems.

>

> Since doing the above, I have found it totally unnecessary to solder both sides of the board.

>

> Lee, w0vt

>

>

>

>

> Thanks Dale, Now I need to fire up my iron with the ultra thin tip (the one I normally use for surface mounted components). I'll add a small drop of solder to the leads on the top side of the board, starting from the ones nearest the display and report back.

>

> Grant

>

> --- In mailto:pfr3_group%40yahoogroups.com, Dale Putnam <daleputnam@> wrote:

> >

> >

> >

>

2656. Re: [pfr3_group] Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-24 12:07:54 UTC
From: Doug Jackson
Topic: 2641 Message: 2656

Is there a small possibility that one of the pins has bent and not gone into
a socket pin?

Doug

On Fri, Jun 24, 2011 at 9:55 PM, Dale Putnam <daleputnam@...> wrote:

> **
>
>
> Hi Grant,
> Ok, do you have dc voltage readings for the display? Maybe we can find
> it with dc tracing?
>
> --... ...-- Dale - WC7S in Wy
>
> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: grantmcduling@...
> Date: Fri, 24 Jun 2011 10:00:49 +0000
> Subject: [pfr3_group] Re: Group I test and U8
>
>
>
> An update. I have soldered just about all the holes on the top of the
> board in Phase 1 now and it has made no difference. Must be something more
> sinister. I'll see if I can get a fresh, more experienced, set of eyes to go
> over it now as I have drawn a blank. You know, when I read in the
> instructions that nothing much can go wrong with this phase, I think, 'they
> don't know me. If something can go wrong, it will.' I need to sort this out
> before moving on to phase 2.
>
> --- In pfr3_group@yahoogroups.com, "lee" <pulsarxp@...> wrote:
> >
> > I found out awhile back while building other kits, the same type problem
> with bad thru hole jumpers when building up a multi-layer PC board.. I
> initially never used long enough heating of the joint point to allow the
> solder to flow thru the hole to the other side. I now hold the iron in place
> just slightly longer and allow solder to flow thru the hole to the other
> side of the board. If you have done this, you will notice the opposite side
> does indeed have solder on it. It does not take but a very short more time
> and feeding of just a little bit more solder for this to happen. Before
> doing this I never saw solder coming thru the hole on the other side of the
> board. Insuring solder flows up the wire and thru the hole will solve any
> thru hole manufacturer connection problems.
> >

> > Since doing the above, I have found it totally unnecessary to solder both
> sides of the board.
> >
> > Lee, w0vt
> >
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> >
> >
> > Thanks Dale, Now I need to fire up my iron with the ultra thin tip (the
> one I normally use for surface mounted components). I'll add a small drop of
> solder to the leads on the top side of the board, starting from the ones
> nearest the display and report back.
> >
> > Grant
> >
> > --- In mailto:pfr3_group%40yahoogroups.com, Dale Putnam <daleputnam@>
> wrote:
> > >
> > >
> > >
> >
>
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--
Doug Jackson
VK1ZDJ
http://www.dougswordclock.com/ -< My clocks
http://www.vk1zdj.net -< My Amature Radio Activities

2657. Re: [pfr3_group] Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-24 11:59:22 UTC
From: f6ddv
Topic: 2641 Message: 2657

Hello "in passing"
Yes, a little dangerous soldering iron, especially when one soda under a large magnifying glass ...
Sometimes there are things beside risking their lives as it is iron, the vision is not the same around, it must be very careful.
73S
Jean paul F6DDV
----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Friday, June 24, 2011 1:58 AM
Subject: RE: [pfr3_group] Re: Group I test and U8

Good Luck Grant, just be mindful of the rest of the iron, besides the tip. It melts the oddest things, while you are focused on solder melting.
That is said, cause I just did that... but that is another story,
Have fun,
Let me know how it goes, please?

--... ...-- Dale - WC7S in Wy

2658. Re: [pfr3_group] Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-24 12:16:48 UTC
From: Carlo Strozzi
Topic: 2641 Message: 2658

On Fri, Jun 24, 2011 at 10:07:54PM +1000, Doug Jackson wrote:
> Is there a small possibility that one of the pins has bent and not gone into
> a socket pin?

Also, I's suggest a careful inspection of U7, to make sure that the
socket has no unsoldered pins, that no pins of the IC are bent or not
making good contact, and so on.

ciao,
Carlo

--
Software Patents kill Innovation: say NO to Software Patents!
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2659. Re: [pfr3_group] Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-24 13:29:16 UTC
From: f6ddv
Topic: 2641 Message: 2659

Hello Carlo
Indeed, I have not received my pfr3 can be shipped from the 20, but I carefully read the adventures of the friends list.
Maybe it is good also to look carefully at the printed circuit board under the microscope before starting the installation,
and can control whether the cross-plated holes in good condition and well étammés.
73S
Jean Paul F6DDV

----- Original Message -----
From: Carlo Strozzi
To: pfr3_group@yahoogroups.com
Sent: Friday, June 24, 2011 2:16 PM
Subject: Re: [pfr3_group] Re: Group I test and U8

On Fri, Jun 24, 2011 at 10:07:54PM +1000, Doug Jackson wrote:
> Is there a small possibility that one of the pins has bent and not gone into
> a socket pin?

Also, I's suggest a careful inspection of U7, to make sure that the
socket has no unsoldered pins, that no pins of the IC are bent or not
making good contact, and so on.

ciao,
Carlo

--
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2660. RE: [pfr3_group] Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-24 13:54:12 UTC
From: Dale Putnam
Topic: 2641 Message: 2660

I remember one display that did give me a fuss about getting all the pins in the holes... and there was one that wanted to be put in upside down.That was fun to fix... it didn't light up right at first either. Upside down is a tuff deal.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Fri, 24 Jun 2011 15:29:16 +0200
Subject: Re: [pfr3_group] Re: Group I test and U8

Hello Carlo
Indeed, I
have not received my pfr3 can be shipped from the 20,
but I carefully read the adventures of the friends list.
Maybe it
is good also to
look carefully at the printed circuit board under the microscope before starting the installation,

and can control whether the cross-plated holes in
good condition and well étammés.
73S
Jean Paul F6DDV

----- Original Message -----
From:
Carlo Strozzi

To: pfr3_group@yahoogroups.com
Sent: Friday, June 24, 2011 2:16 PM
Subject: Re: [pfr3_group] Re: Group I
test and U8

On Fri, Jun 24, 2011 at 10:07:54PM +1000, Doug Jackson wrote:
> Is
there a small possibility that one of the pins has bent and not gone
into
> a socket pin?

Also, I's suggest a careful inspection of
U7, to make sure that the
socket has no unsoldered pins, that no pins of
the IC are bent or not
making good contact, and so
on.

ciao,
Carlo

--
Software Patents kill Innovation: say
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I Brevetti Software uccidono l'innovazione: di NO
ai Brevetti Software!

2661. Re: [pfr3_group] Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-24 14:06:07 UTC
From: Carlo Strozzi
Topic: 2641 Message: 2661

On Fri, Jun 24, 2011 at 03:29:16PM +0200, f6ddv wrote:
> Hello Carlo
> Indeed, I have not received my pfr3 can be shipped from the 20, but I carefully read the adventures of the friends list.
> Maybe it is good also to look carefully at the printed circuit board under the microscope before starting the installation,
> and can control whether the cross-plated holes in good condition and well ?tamm?s.

Jean Paul,

I received my PFR-3 on Thuesday afternoon and I'm almost finished with the
build. So far everything went smooth, except for a bunch of minor things
that I'll post to the list as soon as the build is complete. I'm winding T3
right now, then I'll place the decals on the enclosure and finish up the
whole thing, but that will be by Sunday evening I think.

ciao,
Carlo

--
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I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2662. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-24 14:44:53 UTC
From: f6ddv
Topic: 2662 Message: 2662

OK Carlo
Oh, that's fast! H.I. I do not think you weld at night?
(I think I'd go a little slower ...)
these are the decals that make me afraid, I never managed to land on the small DC-30 B
And the prf3 there a good lot ... and many "knobs" ...
In France we'll have to choose then a good spray varnish the same as that which is advised but to find the same here it will be "sport" HI ...
I think the best I found was a spray coating for metal, but I have to get information because it might not be good for the decals
I think my method was not good for the decals ... I still have I will try again, I think I did not understand, they never stayed glued to the box, ...
73S
Jean paul F6DDV

----- Original Message -----
From: Carlo Strozzi
To: pfr3_group@yahoogroups.com
Sent: Friday, June 24, 2011 4:06 PM
Subject: Re: pfr3
On Fri, Jun 24, 2011 at 03:29:16PM +0200, f6ddv wrote:
> Hello Carlo
> Indeed, I have not received my pfr3 can be shipped from the 20, but I carefully read the adventures of the friends list.
> Maybe it is good also to look carefully at the printed circuit board under the microscope before starting the installation,
> and can control whether the cross-plated holes in good condition and well étammés.

Jean Paul,

I received my PFR-3 on Thuesday afternoon and I'm almost finished with the
build. So far everything went smooth, except for a bunch of minor things
that I'll post to the list as soon as the build is complete. I'm winding T3
right now, then I'll place the decals on the enclosure and finish up the
whole thing, but that will be by Sunday evening I think.

ciao,
Carlo

--
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I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2663. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-24 16:18:49 UTC
From: Carlo Strozzi
Topic: 2662 Message: 2663

On Fri, Jun 24, 2011 at 04:44:53PM +0200, f6ddv wrote:
> OK Carlo
> Oh, that's fast! H.I. I do not think you weld at night?
> (I think I'd go a little slower ...)
> these are the decals that make me afraid, I never managed to land on the small DC-30 B
> And the prf3 there a good lot ... and many "knobs" ...
> In France we'll have to choose then a good spray varnish the same as that which is advised but to find the same here it will be "sport" HI ...
> I think the best I found was a spray coating for metal, but I have to get information because it might not be good for the decals
> I think my method was not good for the decals ... I still have I will try again, I think I did not understand, they never stayed glued to the box, ...

Jean Paul,

in fact I did a lot of "welding" also at night :-) I got very little
sleep since when I got the PFR-3 delivered, yet I tried not just to be
fast but also to make an accurate job, and I think I managed. I did a
number of small mechanical modifications with respect to the original
plan, and I must say that it paid back. I have just finished, and the
unit puts out approx 6.5 watts on 40m, 6.1 watts on 30m and 6.9 watts
on 20m with 13.5Vdc power supply. I tried to reduce those values closer
to 5 watts by squeezing a few turns on the low-pass TX filter toroids,
but that resulted in even more power (!), so I left the turns evenly
spaced around the core, the way I had originally put them. The finals do
not seem to get significantly warm even at those power level, yet I'll
install a small heathsink just in case.

Now I'll take a break and mow the lawn :-) and this evening I'll get
to the decals.

ciao,
Carlo

--
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I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2664. Re: [pfr3_group] Re: Frequency Counter

Yahoo group: pfr3_group
Date: 2011-06-24 17:24:47 UTC
From: ny6p01@gmail.com
Topic: 2647 Message: 2664

I bought a cheap fc kit a few years back (Norcal?), and it has served me well over the years. I built mine into a matchbox. It works great, and will only set you back 30 or 40 dollars. It's a good station accessory to have, so the investment is a sound one IMO.

Terry

2665. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-24 20:58:01 UTC
From: f6ddv
Topic: 2662 Message: 2665

Well Bravo Carlo
But I thought it was absolutely necessary to not exceed 12 volts? Is probably because of that there is too much power ...
Maybe the output transistors are very strong
Only 3 BS170 ... Hmm I think it would be good to put a good cooler on these small transistors,
I know they are MOS with a very good performance, but I am a bit surprised
73s
F6DDV

----- Original Message -----
From: Carlo Strozzi
To: pfr3_group@yahoogroups.com
Sent: Friday, June 24, 2011 6:18 PM
Subject: Re: [pfr3_group] the build and all things ...

On Fri, Jun 24, 2011 at 04:44:53PM +0200, f6ddv wrote:
> OK Carlo
> Oh, that's fast! H.I. I do not think you weld at night?
> (I think I'd go a little slower ...)
> these are the decals that make me afraid, I never managed to land on the small DC-30 B
> And the prf3 there a good lot ... and many "knobs" ...
> In France we'll have to choose then a good spray varnish the same as that which is advised but to find the same here it will be "sport" HI ...
> I think the best I found was a spray coating for metal, but I have to get information because it might not be good for the decals
> I think my method was not good for the decals ... I still have I will try again, I think I did not understand, they never stayed glued to the box, ...

Jean Paul,

in fact I did a lot of "welding" also at night :-) I got very little sleep since when I got the PFR-3 delivered, yet I tried not just to be fast but also to make an accurate job, and I think I managed. I did a number of small mechanical modifications with respect to the original plan, and I must say that it paid back. I have just finished, and the unit puts out approx 6.5 watts on 40m, 6.1 watts on 30m and 6.9 watts on 20m with 13.5Vdc power supply. I tried to reduce those values closer to 5 watts by squeezing a few turns on the low-pass TX filter toroids, but that resulted in even more power (!), so I left the turns evenly spaced around the core, the way I had originally put them. The finals do not seem to get significantly warm even at those power level, yet I'll install a small heathsink just in case.

Now I'll take a break and mow the lawn :-) and this evening I'll get to the decals.

ciao,
Carlo

--
Software Patents kill Innovation: say NO to Software Patents!
I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2666. RE: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-24 21:09:08 UTC
From: Dale Putnam
Topic: 2662 Message: 2666

The finals are not very tolerant of mismatches, and will become very unhappy, if they are asked to tolerate high swr for a longer than neccessary period.They don't generally exhibit their unhappiness by heatug up, they usually just quit.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Fri, 24 Jun 2011 22:58:01 +0200
Subject: Re: [pfr3_group] the build and all things ...

Well Bravo Carlo
But I
thought it was
absolutely necessary to not
exceed 12 volts? Is probably because of that there is too much power ...
Maybe the
output transistors are
very strong
Only 3 BS170 ... Hmm I
think it would be good to
put a good cooler on
these small transistors,

I
know they are MOS with a very good performance,
but I am a bit surprised
73s
F6DDV

----- Original Message -----
From:
Carlo Strozzi

To: pfr3_group@yahoogroups.com
Sent: Friday, June 24, 2011 6:18 PM
Subject: Re: [pfr3_group] the build and
all things ...

On Fri, Jun 24, 2011 at 04:44:53PM +0200, f6ddv wrote:
> OK
Carlo
> Oh, that's fast! H.I. I do not think you weld at night?
>
(I think I'd go a little slower ...)
> these are the decals that make me

afraid, I never managed to land on the small DC-30 B
> And the prf3
there a good lot ... and many "knobs" ...
> In France we'll have to
choose then a good spray varnish the same as that which is advised but to find
the same here it will be "sport" HI ...
> I think the best I found was a
spray coating for metal, but I have to get information because it might not be
good for the decals
> I think my method was not good for the decals ...
I still have I will try again, I think I did not understand, they never stayed
glued to the box, ...

Jean Paul,

in fact I did a lot of
"welding" also at night :-) I got very little
sleep since when I got the
PFR-3 delivered, yet I tried not just to be
fast but also to make an
accurate job, and I think I managed. I did a
number of small mechanical
modifications with respect to the original
plan, and I must say that it
paid back. I have just finished, and the
unit puts out approx 6.5 watts on
40m, 6.1 watts on 30m and 6.9 watts
on 20m with 13.5Vdc power supply. I
tried to reduce those values closer
to 5 watts by squeezing a few turns on
the low-pass TX filter toroids,
but that resulted in even more power (!),
so I left the turns evenly
spaced around the core, the way I had originally
put them. The finals do
not seem to get significantly warm even at those
power level, yet I'll
install a small heathsink just in case.

Now
I'll take a break and mow the lawn :-) and this evening I'll get
to the
decals.

ciao,
Carlo

--
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NO ai Brevetti Software!

2667. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-24 21:20:47 UTC
From: Steven Weber
Topic: 2662 Message: 2667

Yes, it is recommended that you do not exceed 12 volts. Since this rig was designed for battery operated, portable use, it was designed to output 5 watts with a 12.0 volt supply.

As noted, it will put out over 6 watts at 13.8 volts, but one runs the risk of burning up the BS170 if the SWR gets just a little out of hand. This is because when the SWR goes up, the BS170's draw more current and that is what burns them up, exceeding thier current rating. It's not the heat which gets them, it's the excessive current.

That's why if your going to run the rig on a 13.8V bench supply, I recommend dropping the voltage with a couple of series connected silicon rectifier diodes, in series with the supply line.

72, Steve KD1JV

But I thought it was absolutely necessary to not exceed 12 volts? Is probably because of that there is too much power ...
Maybe the output transistors are very strong
Only 3 BS170 ... Hmm I think it would be good to put a good cooler on these small transistors,
I know they are MOS with a very good performance, but I am a bit surprised
73s
F6DDV

2668. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-24 21:26:56 UTC
From: Carlo Strozzi
Topic: 2662 Message: 2668

On Fri, Jun 24, 2011 at 05:20:47PM -0400, Steven Weber wrote:
>
> That's why if your going to run the rig on a 13.8V bench supply, I
> recommend dropping the voltage with a couple of series connected
> silicon rectifier diodes, in series with the supply line.
>
> 72, Steve KD1JV

Steve,

yes, mine was just a "smoke" test, with no smoke fortunately :-) Also,
that was with a 50 ohm dummy load so SWR was 1:1. Normally I'll be
operating the rig on on 8 x 1.2 HiMh AA cells, so that should be well
within the rated specs.

ciao,
Carlo

--
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2669. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-24 21:29:31 UTC
From: f6ddv
Topic: 2662 Message: 2669

good evening to all
I am amazed at the great performance of this transistor
there is no bigger than a 2N3904 and can produce nearly 2 W HF, I think I will carefully study the diagram
and replace the power transistor in an assembly that comes with a little power 2N3866 (not even 1 W)
It is a good example of a mounting very well studied,
I'm just in awe, the schematic of the PA output part is no ordinary ...
I must buy some transistors BS170 if I find a seller here ...
73S
F6DDV
----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Friday, June 24, 2011 11:09 PM
Subject: RE: [pfr3_group] the build and all things ...

The finals are not very tolerant of mismatches, and will become very unhappy, if they are asked to tolerate high swr for a longer than neccessary period.
They don't generally exhibit their unhappiness by heatug up, they usually just quit.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Fri, 24 Jun 2011 22:58:01 +0200
Subject: Re: [pfr3_group] the build and all things ...

Well Bravo Carlo
But I thought it was absolutely necessary to not exceed 12 volts? Is probably because of that there is too much power ...
Maybe the output transistors are very strong
Only 3 BS170 ... Hmm I think it would be good to put a good cooler on these small transistors,
I know they are MOS with a very good performance, but I am a bit surprised
73s
F6DDV

----- Original Message -----
From: Carlo Strozzi
To: pfr3_group@yahoogroups.com
Sent: Friday, June 24, 2011 6:18 PM
Subject: Re: [pfr3_group] the build and all things ...

On Fri, Jun 24, 2011 at 04:44:53PM +0200, f6ddv wrote:
> OK Carlo
> Oh, that's fast! H.I. I do not think you weld at night?
> (I think I'd go a little slower ...)
> these are the decals that make me afraid, I never managed to land on the small DC-30 B
> And the prf3 there a good lot ... and many "knobs" ...
> In France we'll have to choose then a good spray varnish the same as that which is advised but to find the same here it will be "sport" HI ...
> I think the best I found was a spray coating for metal, but I have to get information because it might not be good for the decals
> I think my method was not good for the decals ... I still have I will try again, I think I did not understand, they never stayed glued to the box, ...

Jean Paul,

in fact I did a lot of "welding" also at night :-) I got very little sleep since when I got the PFR-3 delivered, yet I tried not just to be fast but also to make an accurate job, and I think I managed. I did a number of small mechanical modifications with respect to the original plan, and I must say that it paid back. I have just finished, and the unit puts out approx 6.5 watts on 40m, 6.1 watts on 30m and 6.9 watts on 20m with 13.5Vdc power supply. I tried to reduce those values closer to 5 watts by squeezing a few turns on the low-pass TX filter toroids, but that resulted in even more power (!), so I left the turns evenly spaced around the core, the way I had originally put them. The finals do not seem to get significantly warm even at those power level, yet I'll install a small heathsink just in case.

Now I'll take a break and mow the lawn :-) and this evening I'll get to the decals.

ciao,
Carlo

--
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2670. Capacitors

Yahoo group: pfr3_group
Date: 2011-06-25 16:48:44 UTC
From: kybarney
Topic: 2670 Message: 2670

Does it matter if the what direction the yellow capacitors are installed? Does the printed band (104) need to face a specific direction? I can't tell from the photos...

Thanks,
Kyle N9NJM

2671. Re: [pfr3_group] Capacitors

Yahoo group: pfr3_group
Date: 2011-06-25 16:56:08 UTC
From: Carlo Strozzi
Topic: 2670 Message: 2671

On Sat, Jun 25, 2011 at 04:48:44PM -0000, kybarney wrote:
> Does it matter if the what direction the yellow capacitors are
> installed? Does the printed band (104) need to face a specific
> direction? I can't tell from the photos...

No, not at all. Personally I prefer to orient them in a way that I can
see their value even once they are surrounded by other components, but
that's absolutely not necessary.

ciao,
Carlo

--
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2672. Re: [pfr3_group] Capacitors

Yahoo group: pfr3_group
Date: 2011-06-25 17:07:10 UTC
From: Larry Makoski
Topic: 2670 Message: 2672

On 6/25/2011 12:48 PM, kybarney wrote:
>
> Does it matter if the what direction the yellow capacitors are
> installed? Does the printed band (104) need to face a specific
> direction? I can't tell from the photos...
>
> Thanks,
> Kyle N9NJM
>
>
>

Kyle,
The only ones that make a difference are the electrolytics - the "cans".

The others it doesn't matter.

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

2673. Re: Capacitors

Yahoo group: pfr3_group
Date: 2011-06-25 17:07:08 UTC
From: kybarney
Topic: 2670 Message: 2673

Thanks Carlo.

--- In pfr3_group@yahoogroups.com, Carlo Strozzi <carlos@...> wrote:
>
> On Sat, Jun 25, 2011 at 04:48:44PM -0000, kybarney wrote:
> > Does it matter if the what direction the yellow capacitors are
> > installed? Does the printed band (104) need to face a specific
> > direction? I can't tell from the photos...
>
> No, not at all. Personally I prefer to orient them in a way that I can
> see their value even once they are surrounded by other components, but
> that's absolutely not necessary.
>
> ciao,
> Carlo
>
> --
> Software Patents kill Innovation: say NO to Software Patents!
> I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!
>

2674. Re: Capacitors

Yahoo group: pfr3_group
Date: 2011-06-25 17:25:58 UTC
From: kybarney
Topic: 2670 Message: 2674

I've tried to remove the kink from the yellow capacitors, but should they still sit up off the board a little bit?

--- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@...> wrote:
>
> On 6/25/2011 12:48 PM, kybarney wrote:
> >
> > Does it matter if the what direction the yellow capacitors are
> > installed? Does the printed band (104) need to face a specific
> > direction? I can't tell from the photos...
> >
> > Thanks,
> > Kyle N9NJM
> >
> >
> >
>
> Kyle,
> The only ones that make a difference are the electrolytics - the "cans".
>
> The others it doesn't matter.
>
> Larry W2LJ
>
> --
> 73 de Larry W2LJ
> QRP - When you care to send the very least!
>
> http://w2lj.blogspot.com/
> http://www.w2lj.qrpradio.com/
>

2675. RE: [pfr3_group] Re: Capacitors

Yahoo group: pfr3_group
Date: 2011-06-25 18:31:09 UTC
From: Dale Putnam
Topic: 2670 Message: 2675

As for operation, the caps can face any way they fit. And they don't have to be smushed down flat on the board. However,I face all the caps the same direction, that makes trouble shooting so very much easier, and for appearance and stray stuff elimination,all of them sit very nearly on the board. Isn't it a blast building?Have a great day,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: kybarney@...
Date: Sat, 25 Jun 2011 17:25:58 +0000
Subject: [pfr3_group] Re: Capacitors

I've tried to remove the kink from the yellow capacitors, but should they still sit up off the board a little bit?

--- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@...> wrote:

>

> On 6/25/2011 12:48 PM, kybarney wrote:

> >

> > Does it matter if the what direction the yellow capacitors are

> > installed? Does the printed band (104) need to face a specific

> > direction? I can't tell from the photos...

> >

> > Thanks,

> > Kyle N9NJM

> >

> >

> >

>

> Kyle,

> The only ones that make a difference are the electrolytics - the "cans".

>

> The others it doesn't matter.

>

> Larry W2LJ

>

> --

> 73 de Larry W2LJ

> QRP - When you care to send the very least!

>

> http://w2lj.blogspot.com/

> http://www.w2lj.qrpradio.com/

>

2676. Re: [pfr3_group] Capacitors

Yahoo group: pfr3_group
Date: 2011-06-25 18:54:43 UTC
From: Steve Smith
Topic: 2670 Message: 2676

I agree w/ Carlo; I like to be able to easily see the value(s).

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: Carlo Strozzi <carlos@...>

No, not at all. Personally I prefer to orient them in a way that I can
see their value even once they are surrounded by other components, but
that's absolutely not necessary.

ciao,
Carlo

2677. Re: [pfr3_group] Re: Capacitors

Yahoo group: pfr3_group
Date: 2011-06-25 19:01:10 UTC
From: Steve Smith
Topic: 2670 Message: 2677

I generally avoid stressing the leads of those tiny capacitors any more than is necessary. Unless there is some sort of clearance or spacing problem, I leave them as-is, insert and solder 'em.

But what to do with all those pesky leads sticking down from the bottom of the board? ;-)

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "kybarney" <kybarney@...>

I've tried to remove the kink from the yellow capacitors, but should they still sit up off the board a little bit?

2678. Re: Capacitors

Yahoo group: pfr3_group
Date: 2011-06-25 19:45:42 UTC
From: kybarney
Topic: 2670 Message: 2678

I have a few other general questions:

1. I was able to get the yellow caps flush with the board...hope that's not a problem.

2. The brown caps will not sit flush to the board. I cracked a couple of the cases around the leads, so I sealed with epoxy (super glue). Any issues there? I I need to replace them, can i get them at radio shack?

3. For LM805, why are the holes not drilled on the board in a singular row....that's how the leads are formed. I am soldering the center pin in the front towards the flat side, and not mounting it flush to the board since it will crush the front pin (I think). Is this correct?

4. Some of the green laminate has bubbled on the PCB, you can tell under the magnifying glass. To the naked eye, it looks like light smears or glue. Can I clean that up with rubbing alcohol or something else? I was scraping at it with a pic and it seems to clean somewhat. Is that type of damage to the board catastrophic in the long term? As my soldrering gets better, there's less of those areas :-) I am also using the right size tip now...

Thanks for all your help.

Kyle
--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> I generally avoid stressing the leads of those tiny capacitors any more than is necessary. Unless there is some sort of clearance or spacing problem, I leave them as-is, insert and solder 'em.
>
> But what to do with all those pesky leads sticking down from the bottom of the board? ;-)
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "kybarney" <kybarney@...>
>
> I've tried to remove the kink from the yellow capacitors, but should they still sit up off the board a little bit?
>

2679. Re: [pfr3_group] Re: Capacitors

Yahoo group: pfr3_group
Date: 2011-06-25 20:58:42 UTC
From: Steve Smith
Topic: 2670 Message: 2679

Hi,

1.) It's not a problem, just not necessary.

2.) That is exactly what I meant by stressing them. They'll probably be OK. I'd just leave them alone and continue on. From now on just don't press them down to the surface of the board; it's not necessary.

3.) Assuming you mean the 78L05, that would be the correct procedure. Simply press the part down toward the board untill there's some resistance. The bottom side of the part will end up approximately 1/8" off the board.

4.) That is the board coating. I'd leave it alone. It is likely -not- catastrophic. If you scrape it or clean it with alcohol it might completely remove the coating and expose the PC board traces. From your description, you are heating the solder connections too long. What are you using for an iron?

The PFR3 is not a good kit to learn soldering on. But it has been done! Just be careful, don't get in a big hurry, follow the instructions as written and you'll do just fine.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "kybarney" <kybarney@...>

I have a few other general questions:

1. I was able to get the yellow caps flush with the board...hope that's not a problem.

2. The brown caps will not sit flush to the board. I cracked a couple of the cases around the leads, so I sealed with epoxy (super glue). Any issues there? I I need to replace them, can i get them at radio shack?

3. For LM805, why are the holes not drilled on the board in a singular row....that's how the leads are formed. I am soldering the center pin in the front towards the flat side, and not mounting it flush to the board since it will crush the front pin (I think). Is this correct?

4. Some of the green laminate has bubbled on the PCB, you can tell under the magnifying glass. To the naked eye, it looks like light smears or glue. Can I clean that up with rubbing alcohol or something else? I was scraping at it with a pic and it seems to clean somewhat. Is that type of damage to the board catastrophic in the long term? As my soldrering gets better, there's less of those areas :-) I am also using the right size tip now...

Thanks for all your help.

Kyle

2680. Re: Capacitors

Yahoo group: pfr3_group
Date: 2011-06-25 22:14:49 UTC
From: kybarney
Topic: 2670 Message: 2680

I am using a digital weller station I just bought. I put the rf probe together without a problem. I think I was just using too small of a tip.

Did you have a problem with the phono plugs for the key/headphones? The front pin is too big for the hole...

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi,
>
> 1.) It's not a problem, just not necessary.
>
> 2.) That is exactly what I meant by stressing them. They'll probably be OK. I'd just leave them alone and continue on. From now on just don't press them down to the surface of the board; it's not necessary.
>
> 3.) Assuming you mean the 78L05, that would be the correct procedure. Simply press the part down toward the board untill there's some resistance. The bottom side of the part will end up approximately 1/8" off the board.
>
> 4.) That is the board coating. I'd leave it alone. It is likely -not- catastrophic. If you scrape it or clean it with alcohol it might completely remove the coating and expose the PC board traces. From your description, you are heating the solder connections too long. What are you using for an iron?
>
> The PFR3 is not a good kit to learn soldering on. But it has been done! Just be careful, don't get in a big hurry, follow the instructions as written and you'll do just fine.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "kybarney" <kybarney@...>
>
> I have a few other general questions:
>
> 1. I was able to get the yellow caps flush with the board...hope that's not a problem.
>
> 2. The brown caps will not sit flush to the board. I cracked a couple of the cases around the leads, so I sealed with epoxy (super glue). Any issues there? I I need to replace them, can i get them at radio shack?
>
> 3. For LM805, why are the holes not drilled on the board in a singular row....that's how the leads are formed. I am soldering the center pin in the front towards the flat side, and not mounting it flush to the board since it will crush the front pin (I think). Is this correct?

>
> 4. Some of the green laminate has bubbled on the PCB, you can tell under the magnifying glass. To the naked eye, it looks like light smears or glue. Can I clean that up with rubbing alcohol or something else? I was scraping at it with a pic and it seems to clean somewhat. Is that type of damage to the board catastrophic in the long term? As my soldrering gets better, there's less of those areas :-) I am also using the right size tip now...
>
> Thanks for all your help.
>
> Kyle
>

2681. Re: [pfr3_group] Re: Capacitors

Yahoo group: pfr3_group
Date: 2011-06-25 22:26:22 UTC
From: Steve Smith
Topic: 2670 Message: 2681

OK. Hard to go wrong with a Weller.

QRPKits changed parts and/or vendor for the jacks and they do not properly fit the PCB holes. -Don't- hog out the circuit board hole. Best thing is to crimp down the pin so it fits the hole. I think there are photographs for that, maybe in the Photos section of the Group site.

Best of luck with the rest of the kit and keep us posted on how you're doing.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "kybarney" <kybarney@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Capacitors
Date: Sat, 25 Jun 2011 22:14:49 -0000

I am using a digital weller station I just bought. I put the rf probe together without a problem. I think I was just using too small of a tip.

Did you have a problem with the phono plugs for the key/headphones? The front pin is too big for the hole...

2682. Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-25 23:49:48 UTC
From: kybarney
Topic: 1261 Message: 2682

For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last digit.

Anyone else run into this? Is this most likely solder connections that need to be checked?

Thanks,
Kyle

2683. RE: [pfr3_group] Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-25 23:57:04 UTC
From: Dale Putnam
Topic: 1261 Message: 2683

Hi Kyle, That's where I'd start looking..... --... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: kybarney@...
Date: Sat, 25 Jun 2011 23:49:48 +0000
Subject: [pfr3_group] Group 1 Smoke Test

For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last digit.

Anyone else run into this? Is this most likely solder connections that need to be checked?

Thanks,

Kyle

2684. Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-26 00:11:43 UTC
From: grantmcduling
Topic: 2641 Message: 2684

Doug, checked the pins and they are ok.

Grant

--- In pfr3_group@yahoogroups.com, Doug Jackson <doug@...> wrote:
>
> Is there a small possibility that one of the pins has bent and not gone into
> a socket pin?
>
> Doug
>
>
> On Fri, Jun 24, 2011 at 9:55 PM, Dale Putnam <daleputnam@...> wrote:
>
> > **
> >
> >
> > Hi Grant,
> > Ok, do you have dc voltage readings for the display? Maybe we can find
> > it with dc tracing?
> >
> > --... ...-- Dale - WC7S in Wy
> >
> > ------------------------------
> > To: pfr3_group@yahoogroups.com
> > From: grantmcduling@...
> > Date: Fri, 24 Jun 2011 10:00:49 +0000
> > Subject: [pfr3_group] Re: Group I test and U8
> >
> >
> >
> > An update. I have soldered just about all the holes on the top of the
> > board in Phase 1 now and it has made no difference. Must be something more
> > sinister. I'll see if I can get a fresh, more experienced, set of eyes to go
> > over it now as I have drawn a blank. You know, when I read in the
> > instructions that nothing much can go wrong with this phase, I think, 'they
> > don't know me. If something can go wrong, it will.' I need to sort this out
> > before moving on to phase 2.
> >
> > --- In pfr3_group@yahoogroups.com, "lee" <pulsarxp@> wrote:
> > >
> > > I found out awhile back while building other kits, the same type problem
> > with bad thru hole jumpers when building up a multi-layer PC board.. I
> > initially never used long enough heating of the joint point to allow the
> > solder to flow thru the hole to the other side. I now hold the iron in place

> > just slightly longer and allow solder to flow thru the hole to the other
> > side of the board. If you have done this, you will notice the opposite side
> > does indeed have solder on it. It does not take but a very short more time
> > and feeding of just a little bit more solder for this to happen. Before
> > doing this I never saw solder coming thru the hole on the other side of the
> > board. Insuring solder flows up the wire and thru the hole will solve any
> > thru hole manufacturer connection problems.
> > >
> > > Since doing the above, I have found it totally unnecessary to solder both
> > sides of the board.
> > >
> > > Lee, w0vt
> > >
> > >
> > >
> > >
> > > Thanks Dale, Now I need to fire up my iron with the ultra thin tip (the
> > one I normally use for surface mounted components). I'll add a small drop of
> > solder to the leads on the top side of the board, starting from the ones
> > nearest the display and report back.
> > >
> > > Grant
> > >
> > > --- In mailto:pfr3_group%40yahoogroups.com, Dale Putnam <daleputnam@>
> > wrote:
> > > >
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> --
> Doug Jackson
> VK1ZDJ
> http://www.dougswordclock.com/ -< My clocks
> http://www.vk1zdj.net -< My Amature Radio Activities
>

2685. Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-26 00:14:27 UTC
From: Grant
Topic: 2641 Message: 2685

The one thing I can't check are the thru holes of U7. I can verify that the IC is firmly in the holder and that none of the pins are bent. But how to check that the thru holes are OK?

Seems to me that either one of these hidden holes is the problem or that there may be a faulty component.

--- In pfr3_group@yahoogroups.com, Carlo Strozzi <carlos@...> wrote:
>
> On Fri, Jun 24, 2011 at 10:07:54PM +1000, Doug Jackson wrote:
> > Is there a small possibility that one of the pins has bent and not gone into
> > a socket pin?
>
> Also, I's suggest a careful inspection of U7, to make sure that the
> socket has no unsoldered pins, that no pins of the IC are bent or not
> making good contact, and so on.
>
> ciao,
> Carlo
>
> --
> Software Patents kill Innovation: say NO to Software Patents!
> I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!
>

2686. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 00:20:46 UTC
From: Grant
Topic: 1261 Message: 2686

HI Kyle, this is about what I got too. I have resoldered all the components again as well as on the top of the board to make sure there isn't a bad thru hole somewhere. I replaced C50 as I couldn't get the iron to it from the top and all this made no difference. Also when I hit the up or down switches I see no change in the display. I am still hunting for a fix.

--- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@...> wrote:
>
> For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last digit.
>
>
> Anyone else run into this? Is this most likely solder connections that need to be checked?
>
> Thanks,
> Kyle
>

2687. Re: Group I test and U8

Yahoo group: pfr3_group
Date: 2011-06-26 00:35:44 UTC
From: Grant
Topic: 2641 Message: 2687

Dale these are the voltages, read with the board upside down.

Row with the link fist left to right:

3.92
2.89
0.01
3.19 (link)
3.19 (link)
2.89
1.97
0.01

Top row, left to right
0
4.94
4.94
3.55
4.94
4.94

I am using a battery with 10.58V

Regards
Grant

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Grant, Ok, do you have dc voltage readings for the display? Maybe we can find it with dc tracing?
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: grantmcduling@...
> Date: Fri, 24 Jun 2011 10:00:49 +0000
> Subject: [pfr3_group] Re: Group I test and U8
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>
> An update. I have soldered just about all the holes on the top of the board in Phase 1 now and it has made no difference. Must be something more sinister. I'll see if I can get a fresh, more experienced, set of eyes to go over it now as I have drawn a blank. You know, when I read in the instructions that nothing much can go wrong with this phase, I think, 'they don't know me. If something can go wrong, it will.' I need to sort this out before moving on to phase 2.
>
>
>
> --- In pfr3_group@yahoogroups.com, "lee" <pulsarxp@> wrote:
>
> >
>
> > I found out awhile back while building other kits, the same type problem with bad thru hole jumpers when building up a multi-layer PC board.. I initially never used long enough heating of the joint point to allow the solder to flow thru the hole to the other side. I now hold the iron in place just slightly longer and allow solder to flow thru the hole to the other side of the board. If you have done this, you will notice the opposite side does indeed have solder on it. It does not take but a very short more time and feeding of just a little bit more solder for this to happen. Before doing this I never saw solder coming thru the hole on the other side of the board. Insuring solder flows up the wire and thru the hole will solve any thru hole manufacturer connection problems.
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> > Since doing the above, I have found it totally unnecessary to solder both sides of the board.
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> > Lee, w0vt
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>
> > Thanks Dale, Now I need to fire up my iron with the ultra thin tip (the one I normally use for surface mounted components). I'll add a small drop of solder to the leads on the top side of the board, starting from the ones nearest the display and report back.
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> > Grant
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> > --- In mailto:pfr3_group%40yahoogroups.com, Dale Putnam <daleputnam@> wrote:
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2688. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 00:36:04 UTC
From: kybarney
Topic: 1261 Message: 2688

Did you by chance get 2 14 pin dip chips? I did, and I installed the one that is hollow in the center, but he picture has a chip that is not hollow.

Any chance you have the same setup?

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
> HI Kyle, this is about what I got too. I have resoldered all the components again as well as on the top of the board to make sure there isn't a bad thru hole somewhere. I replaced C50 as I couldn't get the iron to it from the top and all this made no difference. Also when I hit the up or down switches I see no change in the display. I am still hunting for a fix.
>
> --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> >
> > For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last digit.
> > >
> > >
> > Anyone else run into this? Is this most likely solder connections that need to be checked?
> > >
> > Thanks,
> > Kyle
> > >
>

2689. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 00:39:31 UTC
From: Grant
Topic: 1261 Message: 2689

No Kyle only got one; it has a yellow dot on it.

Grant

--- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@...> wrote:
>
> Did you by chance get 2 14 pin dip chips? I did, and I installed the one that is hollow in the center, but he picture has a chip that is not hollow.
>
> Any chance you have the same setup?
>
> --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> >
> > HI Kyle, this is about what I got too. I have resoldered all the components again as well as on the top of the board to make sure there isn't a bad thru hole somewhere. I replaced C50 as I couldn't get the iron to it from the top and all this made no difference. Also when I hit the up or down switches I see no change in the display. I am still hunting for a fix.
> >
> > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > >
> > > For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last digit.
> > >
> > >
> > > Anyone else run into this? Is this most likely solder connections that need to be checked?
> > >
> > > Thanks,
> > > Kyle
> > >
> >
>

2690. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 00:48:29 UTC
From: kybarney
Topic: 1261 Message: 2690

Is it hollow through the center, or solid?

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
> No Kyle only got one; it has a yellow dot on it.
>
> Grant
>
> --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> >
> > Did you by chance get 2 14 pin dip chips? I did, and I installed the one that is hollow in the center, but he picture has a chip that is not hollow.
> >
> > Any chance you have the same setup?
> >
> > --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> > >
> > > HI Kyle, this is about what I got too. I have resoldered all the components again as well as on the top of the board to make sure there isn't a bad thru hole somewhere. I replaced C50 as I couldn't get the iron to it from the top and all this made no difference. Also when I hit the up or down switches I see no change in the display. I am still hunting for a fix.
> > >
> > > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > > >
> > > > For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last digit.
> > > >
> > > >
> > > > Anyone else run into this? Is this most likely solder connections that need to be checked?
> > > >
> > > > Thanks,
> > > > Kyle
> > > >
> > >
> > >
> >
>

2691. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 00:49:56 UTC
From: kybarney
Topic: 1261 Message: 2691

I have a yellow dot on the 28 pin chip, not the 14 pin. U8 is the 14 pin that I got 2 chips for. Is your U8 hollow or solid?
--- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@...> wrote:
>
> Is it hollow through the center, or solid?
>
> --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> >
> > No Kyle only got one; it has a yellow dot on it.
> >
> > Grant
> >
> > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > >
> > > Did you by chance get 2 14 pin dip chips? I did, and I installed the one that is hollow in the center, but he picture has a chip that is not hollow.
> > >
> > > Any chance you have the same setup?
> > >
> > > --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> > > >
> > > > HI Kyle, this is about what I got too. I have resoldered all the components again as well as on the top of the board to make sure there isn't a bad thru hole somewhere. I replaced C50 as I couldn't get the iron to it from the top and all this made no difference. Also when I hit the up or down switches I see no change in the display. I am still hunting for a fix.
> > > >
> > > > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > > > >
> > > > > For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last digit.
> > > > >
> > > > >
> > > > > Anyone else run into this? Is this most likely solder connections that need to be checked?
> > > > >
> > > > > Thanks,
> > > > > Kyle
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2692. RE: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 01:02:51 UTC
From: Dale Putnam
Topic: 1261 Message: 2692

The ic, I think you are referring to, is the one that is - ATMEGA48, and in one manual it is U6, in another is it U7, the U8 is a 14 pin - 74HC02.The "hollow through the center" confuses me, does it have a number on it?Some of the ATMEGA48 ics had yellow dots, some didn't.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: kybarney@...
Date: Sun, 26 Jun 2011 00:49:56 +0000
Subject: [pfr3_group] Re: Group 1 Smoke Test

I have a yellow dot on the 28 pin chip, not the 14 pin. U8 is the 14 pin that I got 2 chips for. Is your U8 hollow or solid?

--- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@...> wrote:

>

> Is it hollow through the center, or solid?

>

> --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:

> >

> > No Kyle only got one; it has a yellow dot on it.

> >

> > Grant

> >

> > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:

> > >

> > > Did you by chance get 2 14 pin dip chips? I did, and I installed the one that is hollow in the center, but he picture has a chip that is not hollow.

> > >

> > > Any chance you have the same setup?

> > >

> > > --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:

> > > >

> > > > HI Kyle, this is about what I got too. I have resoldered all the components again as well as on the top of the board to make sure there isn't a bad thru hole somewhere. I replaced C50 as I couldn't get the iron to it from the top and all this made no difference. Also when I hit the up or down switches I see no change in the display. I am still hunting for a fix.

> > > >

> > > > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:

> > > > >

> > > > > For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last digit.

> > > > >

> > > > >

> > > > > Anyone else run into this? Is this most likely solder connections that need to be checked?

> > > > >

> > > > > Thanks,

> > > > > Kyle

> > > > >

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2693. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 01:17:23 UTC
From: kybarney
Topic: 1261 Message: 2693

I am referring to U8, which is 74HC02. I have a hollowed out 14 pin chip, and a solid 14 pin chip which is 74HC02. I installed the hollow chip, not 74HC02. I thought that could be the issue. I am guessing they are similar parts, but both were accidentally included in my kit... I am not sure.

No, there's no part number on the hollow chip...it just says, "AMP" on one side, and "14" on the other.

Also, I was wondering if you installed R40 and R41 color bands backwards, per the photo...?

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> The ic, I think you are referring to, is the one that is - ATMEGA48, and in one manual it is U6, in another is it U7, the U8 is a 14 pin - 74HC02.The "hollow through the center" confuses me, does it have a number on it?Some of the ATMEGA48 ics had yellow dots, some didn't.
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: kybarney@...
> Date: Sun, 26 Jun 2011 00:49:56 +0000
> Subject: [pfr3_group] Re: Group 1 Smoke Test
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> I have a yellow dot on the 28 pin chip, not the 14 pin. U8 is the 14 pin that I got 2 chips for. Is your U8 hollow or solid?
>
> --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
>
> >
>
> > Is it hollow through the center, or solid?
>
> >
>
> > --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
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> > >
>
> > > No Kyle only got one; it has a yellow dot on it.
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> > >
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> > > Grant
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> > > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
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> > > >
>
> > > > Did you by chance get 2 14 pin dip chips? I did, and I installed the one that is hollow in the center, but he picture has a chip that is not hollow.
>
> > > >
>
> > > > Any chance you have the same setup?
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> > > > --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
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> > > > >
>
> > > > > HI Kyle, this is about what I got too. I have resoldered all the components again as well as on the top of the board to make sure there isn't a bad thru hole somewhere. I

replaced C50 as I couldn't get the iron to it from the top and all this made no difference. Also when I hit the up or down switches I see no change in the display. I am still hunting for a fix.
>
> > > > >
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> > > > > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
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> > > > > > > Thanks,
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2694. I found a base coil loaded telescopic antenna. I just put it on the pfr3 and stations are coming in-. good considering I'm indoors and no counter poise wire. Tomorrow I will give it the outdoor test. I got the LED pretty dim

Yahoo group: pfr3_group
Date: 2011-06-26 02:00:05 UTC
From: Bob
Topic: 2694 Message: 2694

Then adjusted the whip and the LED was FULL out. All I need now are better band conditions.
Bob AF2Q
Former member of the 12 O'oclock High Skydiving Team

2695. RE: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 02:01:06 UTC
From: Jerry Haigwood
Topic: 1261 Message: 2695

The "hollowed out" chip is a socket not an IC!

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of kybarney
Sent: Saturday, June 25, 2011 8:17 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 Smoke Test

I am referring to U8, which is 74HC02. I have a hollowed out 14 pin chip, and a solid 14 pin chip which is 74HC02. I installed the hollow chip, not 74HC02. I thought that could be the issue. I am guessing they are similar parts, but both were accidentally included in my kit... I am not sure.

No, there's no part number on the hollow chip...it just says, "AMP" on one side, and "14" on the other.

Also, I was wondering if you installed R40 and R41 color bands backwards, per the photo...?

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , Dale Putnam <daleputnam@...> wrote:
>
>
> The ic, I think you are referring to, is the one that is - ATMEGA48, and in one manual it is U6, in another is it U7, the U8 is a 14 pin - 74HC02.The "hollow through the center" confuses me, does it have a number on it?Some of the ATMEGA48 ics had yellow dots, some didn't.
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
> From: kybarney@...
> Date: Sun, 26 Jun 2011 00:49:56 +0000
> Subject: [pfr3_group] Re: Group 1 Smoke Test
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> I have a yellow dot on the 28 pin chip, not the 14 pin. U8 is the 14 pin
that I got 2 chips for. Is your U8 hollow or solid?
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> --- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> ,
"kybarney" <kybarney@> wrote:
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> > Is it hollow through the center, or solid?
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> > --- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
, "Grant" <grantmcduling@> wrote:
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>
> > > No Kyle only got one; it has a yellow dot on it.
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> > > Grant
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> > > --- In pfr3_group@yahoogroups.com
<mailto:pfr3_group%40yahoogroups.com> , "kybarney" <kybarney@> wrote:
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> > > >
>

> > > > Did you by chance get 2 14 pin dip chips? I did, and I installed the one that is hollow in the center, but he picture has a chip that is not hollow.
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> > > > Any chance you have the same setup?
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> > > > --- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , "Grant" <grantmcduling@> wrote:
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>
> > > > > HI Kyle, this is about what I got too. I have resoldered all the components again as well as on the top of the board to make sure there isn't a bad thru hole somewhere. I replaced C50 as I couldn't get the iron to it from the top and all this made no difference. Also when I hit the up or down switches I see no change in the display. I am still hunting for a fix.
>
> > > > >
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> > > > > --- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , "kybarney" <kybarney@> wrote:
>
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>
> > > > > > For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last digit.
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> > > > > > Anyone else run into this? Is this most likely solder connections that need to be checked?
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> > > > > > Thanks,
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> > > > > > Kyle
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2696. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 02:06:22 UTC
From: Grant
Topic: 1261 Message: 2696

solid.

--- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@...> wrote:
>
> Is it hollow through the center, or solid?
>
> --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> >
> > No Kyle only got one; it has a yellow dot on it.
> >
> > Grant
> >
> > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > >
> > > Did you by chance get 2 14 pin dip chips? I did, and I installed the one that is hollow in the center, but he picture has a chip that is not hollow.
> > >
> > > Any chance you have the same setup?
> > >
> > > --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> > > >
> > > > HI Kyle, this is about what I got too. I have resoldered all the components again as well as on the top of the board to make sure there isn't a bad thru hole somewhere. I replaced C50 as I couldn't get the iron to it from the top and all this made no difference. Also when I hit the up or down switches I see no change in the display. I am still hunting for a fix.
> > > >
> > > > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > > > >
> > > > > For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last digit.
> > > > >
> > > > >
> > > > > Anyone else run into this? Is this most likely solder connections that need to be checked?
> > > > >
> > > > > Thanks,
> > > > > Kyle
> > > > >
> > > >
> > > >
> > >
> > >
> >
> >
>

2697. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 02:08:40 UTC
From: Grant
Topic: 1261 Message: 2697

My U8 is solid.
--- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@...> wrote:
>
>
> I have a yellow dot on the 28 pin chip, not the 14 pin. U8 is the 14 pin that I got 2 chips for. Is your U8 hollow or solid?
> --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> >
> > Is it hollow through the center, or solid?
> >
> > --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> > >
> > > No Kyle only got one; it has a yellow dot on it.
> > >
> > > Grant
> > >
> > > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > > >
> > > > Did you by chance get 2 14 pin dip chips? I did, and I installed the one that is hollow in the center, but he picture has a chip that is not hollow.
> > > >
> > > > Any chance you have the same setup?
> > > >
> > > > --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> > > > >
> > > > > HI Kyle, this is about what I got too. I have resoldered all the components again as well as on the top of the board to make sure there isn't a bad thru hole somewhere. I replaced C50 as I couldn't get the iron to it from the top and all this made no difference. Also when I hit the up or down switches I see no change in the display. I am still hunting for a fix.
> > > > >
> > > > > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > > > > >
> > > > > > For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last digit.
> > > > > >
> > > > > >
> > > > > > Anyone else run into this? Is this most likely solder connections that need to be checked?
> > > > > >
> > > > > > Thanks,
> > > > > > Kyle
> > > > > >
> > > > >

> > > >
> > >
> >
>

2698. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 02:13:29 UTC
From: Grant
Topic: 1261 Message: 2698

I have taken voltage readings of the pins of U7. Read from the top of the board, left to right:

Top row: 0, 4.92, 4.97, 0, 4.97, 0.01, 0, 4.97, 4.97, 4.94, 4.94, 2.00, 4.94, 4.94
Bottom row: 4.97, 2.97, 1.98, 1.00, 0.01, 0.01, 4.97, 0, 1.01, 1.01, 0.01, 1.97, 3.92, 1.01

Supply voltage 10.42v

Regards
Grant

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
>
> solid.
>
>
> --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> >
> > Is it hollow through the center, or solid?
> >
> > --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> > >
> > > No Kyle only got one; it has a yellow dot on it.
> > >
> > > Grant
> > >
> > > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > > >
> > > > Did you by chance get 2 14 pin dip chips? I did, and I installed the one that is hollow in the center, but he picture has a chip that is not hollow.
> > > >
> > > > Any chance you have the same setup?
> > > >
> > > > --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> > > > >
> > > > > HI Kyle, this is about what I got too. I have resoldered all the components again as well as on the top of the board to make sure there isn't a bad thru hole somewhere. I replaced C50 as I couldn't get the iron to it from the top and all this made no difference. Also when I hit the up or down switches I see no change in the display. I am still hunting for a fix.
> > > > >
> > > > > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > > > > >
> > > > > > For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last

digit.
> > > > > >
> > > > > >
> > > > > > Anyone else run into this? Is this most likely solder connections that need to be checked?
> > > > > >
> > > > > > Thanks,
> > > > > > Kyle
> > > > > > >
> > > > > >
> > > > >
> > > >
> >
>

2699. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 02:39:43 UTC
From: Steve Smith
Topic: 1261 Message: 2699

Grant and Kyle,

Do the freq. up/down buttons have any effect on the LED segments?

If not, do different LED segments that were illuminated/extinguished change state after you power off, wait 15 seconds, then power back on?

This is starting to sound like possibly an un-programmed, mis-programmed or bad U7.

73.......Steve Smith WB6TNL

2700. RE: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 02:56:26 UTC
From: Dale Putnam
Topic: 1261 Message: 2700

I agree Steve, with hopes for the U7 simply not getting connected correctly... but that is a real reach at this point.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Sun, 26 Jun 2011 02:39:43 +0000
Subject: Re: [pfr3_group] Re: Group 1 Smoke Test

Grant and Kyle,

Do the freq. up/down buttons have any effect on the LED segments?

If not, do different LED segments that were illuminated/extinguished change state after you power off, wait 15 seconds, then power back on?

This is starting to sound like possibly an un-programmed, mis-programmed or bad U7.

73.......Steve Smith WB6TNL

2701. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 02:57:30 UTC
From: Grant
Topic: 1261 Message: 2701

Steve,

The freq up or down buttons have no effect on what's shown on the display. Not even a blink.
After 15 secs the same segments light up. No change.

Grant

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Grant and Kyle,
>
> Do the freq. up/down buttons have any effect on the LED segments?
>
> If not, do different LED segments that were illuminated/extinguished change state after you power off, wait 15 seconds, then power back on?
>
> This is starting to sound like possibly an un-programmed, mis-programmed or bad U7.
>
> 73.......Steve Smith WB6TNL
>

2702. RE: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 03:14:52 UTC
From: Steve Smith
Topic: 1261 Message: 2702

You're right Dale, it only takes one critical socket pin mis-soldered or U7 pin not making contact to hose everything up.

I'm surprised we haven't heard of any IC pins folded-over. But that's never happened to me..........riiiight.

S.S.

From: Dale Putnam <daleputnam@...>

I agree Steve, with hopes for the U7 simply not getting connected correctly... but that is a real reach at this point.

--... ...-- Dale - WC7S in Wy

2703. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 03:18:17 UTC
From: Steve Smith
Topic: 1261 Message: 2703

Thanks for that info, Grant.

I'm guessing an un-programmed U7 (those things almost never go 'bad').

Does yours have a paint dot on it?

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...>

Steve,

The freq up or down buttons have no effect on what's shown on the display. Not even a blink.
After 15 secs the same segments light up. No change.

Grant

2704. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 03:28:26 UTC
From: Grant
Topic: 1261 Message: 2704

Yes, a yellow dot.

Do you think I should ask Doug Hendricks to send me out another one?

Grant

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Thanks for that info, Grant.
>
> I'm guessing an un-programmed U7 (those things almost never go 'bad').
>
> Does yours have a paint dot on it?
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "Grant" <grantmcduling@...>
>
> Steve,
>
> The freq up or down buttons have no effect on what's shown on the display. Not even a blink.
> After 15 secs the same segments light up. No change.
>
> Grant
>

2705. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 03:47:28 UTC
From: Steve Smith
Topic: 1261 Message: 2705

I'd say that with a paint dot on it, the probability is good that it's been programmed.

My opinion is that before you ask QRPKits for another uP you should email Steve Weber to see what he has to say about the problem and what further tests he might recommend. In the email, send him any measurements you've made.

If you decide to request a replacement U7, use the <parts@...> email addr..

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 Smoke Test
Date: Sun, 26 Jun 2011 03:28:26 -0000

Yes, a yellow dot.

Do you think I should ask Doug Hendricks to send me out another one?

Grant

2706. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 04:02:53 UTC
From: kybarney
Topic: 1261 Message: 2706

Different LED's light up when I power on initially. Those go out, and only a few are powered on after that test.

I removed U8 and replaced with the solid part that matches the picture. A few more LED's come on now, but still not right.

The tune buttons have no effect on the LED display...

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Grant and Kyle,
>
> Do the freq. up/down buttons have any effect on the LED segments?
>
> If not, do different LED segments that were illuminated/extinguished change state after you power off, wait 15 seconds, then power back on?
>
> This is starting to sound like possibly an un-programmed, mis-programmed or bad U7.
>
> 73.......Steve Smith WB6TNL
>

2707. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 05:49:14 UTC
From: Steve Smith
Topic: 1261 Message: 2707

Hi Kyle,

Does your U7 have a paint dot on it?

From your description, it sounds as though your U7 is at least initializing. The initial display (for about 1 second or so) is the power-on LED segment test. After that the display changes to what is supposed to be the frequency readout. Those changes indicate to me that U7 is running.

It's possible that U7 is 'outputting' the signals for the display segments to change but some of the signals are not getting there. Try holding the Up or Down buttons longer or try changing bands or operate the bandswitch, S6, to see if any segments change.

Except for no apparent response from the Up/Down buttons, the problem sounds like connections from the LCD to U7 -or- a bad display but you can perform some additional tests to clarify that.

Try the second to last step in Group 1 tests; the RIT PB switch. See if that lights and extinguishes the leftmost decimal point LED in the display. Next perform the DDS frequency test, the last step in the Group 1 smoke test: Power off. Set the bandswitch, S6 to 40 Meters. Power on without touching any buttons. Using a freq. counter or local receiver, if you get 11.9452 MHz (+/- 1 kHz) then U7 is at least running and 'telling' the DDS chip what to do. If it is not running, I'd suspect either solder problems around U7 or a bad U7.

Remove U7. Check for folded-over pins on the IC. If OK, leave U7 out of socket and, with power completely removed, use your Ohm meter to check for continuity from each of the eight U7 socket pins to the corresponding pins on the display. Measure from the socket itself (top side) to the display pins on the bottom. You can make a probe from a scrap of cut-off resistor lead. You should see the 2.2K resistance from the current limiting resistors on -each- of the eight socket pins to the display leads. Any significant difference means a problem. If you see good continuity as described above, then it's likely that the display is bad.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "kybarney" <kybarney@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 Smoke Test
Date: Sun, 26 Jun 2011 04:02:53 -0000

Different LED's light up when I power on initially. Those go out, and only a few are powered on after that test.

I removed U8 and replaced with the solid part that matches the picture. A few more LED's come on now, but still not right.

The tune buttons have no effect on the LED display...

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Grant and Kyle,
>
> Do the freq. up/down buttons have any effect on the LED segments?
>
> If not, do different LED segments that were illuminated/extinguished change state after you power off, wait 15 seconds, then power back on?
>
> This is starting to sound like possibly an un-programmed, mis-programmed or bad U7.
>
> 73.......Steve Smith WB6TNL
>

Yahoo! Groups Links

2708. RE: Group 1 smoke test

Yahoo group: pfr3_group
Date: 2011-06-26 05:51:20 UTC
From: Steve Smith
Topic: 1175 Message: 2708

Hi Grant,

One more thing to look at. Make sure everything's OK with C30. I think it pulls down the U7 reset line at start-up. If it's open, the uP may not start up. If it's leaky or installed reverse-polarity, funny things could happen too (until the capacitor blows up). :-O

73.......Steve Smith WB6TNL

2709. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 05:58:51 UTC
From: kybarney
Topic: 1261 Message: 2709

Steve,

Yes, U7 has a yellow dot on the left, near the notch on the left hand side.

I haven't built the bandswitch yet, I am still in phase 1. Ha!

Holding the up/down/RIT buttons don't do anything to the display.

I know U7 does not have any folded over pins because I can see all of the pins protruding from the solder on the other side of the board..

I checked U7 pin voltages, and they are as follows:

View from top side of PCB:
Top row voltage: 0.0/4.92/4.97/0/4.97/0.0/0.0/4.97/4.97/4.78/4.78/2.00/4.78/4.78

Bottom Row: 4.97/2.97/1.98/1.0/0.0/0.0/4.97/0.0/1.01/1.00/0.0/1.97/3.94/1.01

-Kyle N9NJM

Kyle

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Kyle,
>
> Does your U7 have a paint dot on it?
>
> From your description, it sounds as though your U7 is at least initializing. The initial display (for about 1 second or so) is the power-on LED segment test. After that the display changes to what is supposed to be the frequency readout. Those changes indicate to me that U7 is running.
>
> It's possible that U7 is 'outputting' the signals for the display segments to change but some of the signals are not getting there. Try holding the Up or Down buttons longer or try changing bands or operate the bandswitch, S6, to see if any segments change.
>
> Except for no apparent response from the Up/Down buttons, the problem sounds like connections from the LCD to U7 -or- a bad display but you can perform some additional tests to clarify that.
>
> Try the second to last step in Group 1 tests; the RIT PB switch. See if that lights and extinguishes the leftmost decimal point LED in the display. Next perform the DDS frequency test, the last step in the Group 1 smoke test: Power off. Set the bandswitch, S6 to 40 Meters. Power on without touching any buttons. Using a freq. counter or local receiver, if you get 11.9452 MHz (+/- 1 kHz) then U7 is at least running and 'telling' the DDS chip what to do. If it is not running, I'd suspect either solder problems around U7 or a bad U7.

>
> Remove U7. Check for folded-over pins on the IC. If OK, leave U7 out of socket and, with power completely removed, use your Ohm meter to check for continuity from each of the eight U7 socket pins to the corresponding pins on the display. Measure from the socket itself (top side) to the display pins on the bottom. You can make a probe from a scrap of cut-off resistor lead. You should see the 2.2K resistance from the current limiting resistors on -each- of the eight socket pins to the display leads. Any significant difference means a problem. If you see good continuity as described above, then it's likely that the display is bad.
>
> 73.......Steve Smith WB6TNL
>
>
>
>
> ---------- Original Message ----------
> From: "kybarney" <kybarney@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Group 1 Smoke Test
> Date: Sun, 26 Jun 2011 04:02:53 -0000
>
> Different LED's light up when I power on initially. Those go out, and only a few are powered on after that test.
>
> I removed U8 and replaced with the solid part that matches the picture. A few more LED's come on now, but still not right.
>
> The tune buttons have no effect on the LED display...
>
> --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:
> >
> > Grant and Kyle,
> >
> > Do the freq. up/down buttons have any effect on the LED segments?
> >
> > If not, do different LED segments that were illuminated/extinguished change state after you power off, wait 15 seconds, then power back on?
> >
> > This is starting to sound like possibly an un-programmed, mis-programmed or bad U7.
> >
> > 73.......Steve Smith WB6TNL
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2710. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 05:39:17 UTC
From: kybarney
Topic: 1261 Message: 2710

My voltages for U7 are similar:
Top row: 0/4.92/4.97/0/4.97/0/0/4.97/4.97/4.78/4.78/2.00/4.78/4.78

Bottom Row: 4.97/2.97/1.98/1.0/0.0/0.0/4.97/0.0/1.01/1.00/0.0/1.97/3.94/1.01

-Kyle

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
> I have taken voltage readings of the pins of U7. Read from the top of the board, left to right:
>
> Top row: 0, 4.92, 4.97, 0, 4.97, 0.01, 0, 4.97, 4.97, 4.94, 4.94, 2.00, 4.94, 4.94
> Bottom row: 4.97, 2.97, 1.98, 1.00, 0.01, 0.01, 4.97, 0, 1.01, 1.01, 0.01, 1.97, 3.92, 1.01
>
> Supply voltage 10.42v
>
> Regards
> Grant
>
> --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> >
> >
> > solid.
> >
> >
> > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > >
> > > Is it hollow through the center, or solid?
> > >
> > > --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> > > >
> > > > No Kyle only got one; it has a yellow dot on it.
> > > >
> > > > Grant
> > > >
> > > > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > > > >
> > > > > Did you by chance get 2 14 pin dip chips? I did, and I installed the one that is hollow in the center, but he picture has a chip that is not hollow.
> > > > >
> > > > > Any chance you have the same setup?
> > > > >
> > > > > --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> > > > > >

> > > > > > HI Kyle, this is about what I got too. I have resoldered all the components again as well as on the top of the board to make sure there isn't a bad thru hole somewhere. I replaced C50 as I couldn't get the iron to it from the top and all this made no difference. Also when I hit the up or down switches I see no change in the display. I am still hunting for a fix.
> > > > > >
> > > > > > --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> > > > > > >
> > > > > > > For the first smoke test, I got partial LED's lighting up. I have the bottom of the second 8, the decimal, the top and bottom of the last 8, and the decimal after the last digit.
> > > > > > > >
> > > > > > > >
> > > > > > > > Anyone else run into this? Is this most likely solder connections that need to be checked?
> > > > > > > >
> > > > > > > > Thanks,
> > > > > > > > Kyle
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >

2711. Re: Group 1 smoke test

Yahoo group: pfr3_group
Date: 2011-06-26 08:45:06 UTC
From: grantmcduling
Topic: 1175 Message: 2711

Thanks Steve. All I can realistically test (as far as I know) is the polarity by looking at it. C30 is in the right way. And it is a 100 ufd cap. Can't test that it is good though as I don't have a meter. Anything else I could do to verify its state?

Grant

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Grant,
>
> One more thing to look at. Make sure everything's OK with C30. I think it pulls down the U7 reset line at start-up. If it's open, the uP may not start up. If it's leaky or installed reverse-polarity, funny things could happen too (until the capacitor blows up). :-O
>
> 73.......Steve Smith WB6TNL
>

2712. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 08:48:17 UTC
From: Grant
Topic: 1261 Message: 2712

Hi Kyle, I get just about exactly the same readings as you do for U7. And holding down the buttons also do nothing to the display.

Grant .

--- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@...> wrote:
>
> Steve,
>
> Yes, U7 has a yellow dot on the left, near the notch on the left hand side.
>
> I haven't built the bandswitch yet, I am still in phase 1. Ha!
>
> Holding the up/down/RIT buttons don't do anything to the display.
>
> I know U7 does not have any folded over pins because I can see all of the pins protruding from the solder on the other side of the board..
>
>
>
> I checked U7 pin voltages, and they are as follows:
>
> View from top side of PCB:
> Top row voltage: 0.0/4.92/4.97/0/4.97/0.0/0.0/4.97/4.97/4.78/4.78/2.00/4.78/4.78
>
> Bottom Row: 4.97/2.97/1.98/1.0/0.0/0.0/4.97/0.0/1.01/1.00/0.0/1.97/3.94/1.01
>
>
> -Kyle N9NJM
>
> Kyle
>
> --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:
> >
> > Hi Kyle,
> >
> > Does your U7 have a paint dot on it?
> >
> > From your description, it sounds as though your U7 is at least initializing. The initial display (for about 1 second or so) is the power-on LED segment test. After that the display changes to what is supposed to be the frequency readout. Those changes indicate to me that U7 is running.
> >
> > It's possible that U7 is 'outputting' the signals for the display segments to change but some of the signals are not getting there. Try holding the Up or Down buttons longer or

try changing bands or operate the bandswitch, S6, to see if any segments change.
> >
> > Except for no apparent response from the Up/Down buttons, the problem sounds like connections from the LCD to U7 -or- a bad display but you can perform some additional tests to clarify that.
> >
> > Try the second to last step in Group 1 tests; the RIT PB switch. See if that lights and extinguishes the leftmost decimal point LED in the display. Next perform the DDS frequency test, the last step in the Group 1 smoke test: Power off. Set the bandswitch, S6 to 40 Meters. Power on without touching any buttons. Using a freq. counter or local receiver, if you get 11.9452 MHz (+/- 1 kHz) then U7 is at least running and 'telling' the DDS chip what to do. If it is not running, I'd suspect either solder problems around U7 or a bad U7.
> >
> > Remove U7. Check for folded-over pins on the IC. If OK, leave U7 out of socket and, with power completely removed, use your Ohm meter to check for continuity from each of the eight U7 socket pins to the corresponding pins on the display. Measure from the socket itself (top side) to the display pins on the bottom. You can make a probe from a scrap of cut-off resistor lead. You should see the 2.2K resistance from the current limiting resistors on -each- of the eight socket pins to the display leads. Any significant difference means a problem. If you see good continuity as described above, then it's likely that the display is bad.
> >
> > 73.......Steve Smith WB6TNL
> >
> >
> >
> >
> > ---------- Original Message ----------
> > From: "kybarney" <kybarney@>
> > To: pfr3_group@...m
> > Subject: [pfr3_group] Re: Group 1 Smoke Test
> > Date: Sun, 26 Jun 2011 04:02:53 -0000
> >
> > Different LED's light up when I power on initially. Those go out, and only a few are powered on after that test.
> >
> > I removed U8 and replaced with the solid part that matches the picture. A few more LED's come on now, but still not right.
> >
> > The tune buttons have no effect on the LED display...
> >
> > --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:
> > >
> > > Grant and Kyle,
> > >
> > > Do the freq. up/down buttons have any effect on the LED segments?
> > >
> > > If not, do different LED segments that were illuminated/extinguished change state after you power off, wait 15 seconds, then power back on?
> > >
> > > This is starting to sound like possibly an un-programmed, mis-programmed or bad U7.

> > >
> > > 73.......Steve Smith WB6TNL
> > >
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>

2713. Re: [pfr3_group] Re: Capacitors

Yahoo group: pfr3_group
Date: 2011-06-26 10:36:13 UTC
From: f6ddv
Topic: 2670 Message: 2713

Hi Dale and others
I think this solution is good and easier for everybody.
all capacitors have with writing in the same direction, eg left, and the resistance read from top to bottom, can be an advantage for research and the proper reading of visual editing, it was recommended years ago is logical and much better than putting the components in all directions, I always do well in all my fixtures.
unless the models are biased or have no choice ... H.I.
Professional builders are implementing in this way generally.
73S
Jean-paul F6DDV
----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Saturday, June 25, 2011 8:31 PM
Subject: RE: [pfr3_group] Re: Capacitors

As for operation, the caps can face any way they fit. And they don't have to be smushed down flat on the board. However,
I face all the caps the same direction, that makes trouble shooting so very much easier, and for appearance and stray stuff elimination,
all of them sit very nearly on the board.
Isn't it a blast building?
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: kybarney@...
Date: Sat, 25 Jun 2011 17:25:58 +0000
Subject: [pfr3_group] Re: Capacitors

I've tried to remove the kink from the yellow capacitors, but should they still sit up off the board a little bit?

--- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@...> wrote:
>
> On 6/25/2011 12:48 PM, kybarney wrote:
> >
> > Does it matter if the what direction the yellow capacitors are
> > installed? Does the printed band (104) need to face a specific
> > direction? I can't tell from the photos...
> >
> > Thanks,
> > Kyle N9NJM
> >

> >
> >
>
> Kyle,
> The only ones that make a difference are the electrolytics - the "cans".
>
> The others it doesn't matter.
>
> Larry W2LJ
>
> --
> 73 de Larry W2LJ
> QRP - When you care to send the very least!
>
> http://w2lj.blogspot.com/
> http://www.w2lj.qrpradio.com/
>

2714. Re: [pfr3_group] Re: Capacitors

Yahoo group: pfr3_group
Date: 2011-06-26 11:04:03 UTC
From: f6ddv
Topic: 2670 Message: 2714

Hello everyone
Son in the solder, (especially new son without PB) flux remover is becoming worse now.
The solder flows well, and sometimes difficult to grip, the temperature is not the same, (400 ° C) and must be soldered very quickly.
I should have done the "hunting" the old welding wire before the change, because we can see the results very bad, even some professional editing.
YL I know it was his job, and on the CMS surface, and hyper frequency, it has become a (big hassle)!
plux some special liquid made (just a drop) can help, or other stripper, but add very little on the circuit before soldering, it can help, just a needle product, and welded with iron very hot and very fast.
The worst is welded with a low temperature and longer than 5 seconds or more, are some of the damage ...
it is interesting for those who are not very confident to experiment on an old turntable, it's not a waste of time, there is nothing to be ashamed, it's difficult with some soldering son, and especially not to use several very different, it's a catastrophe!
it is very useful to test prior to fully know the right temperature and be absolutely certain of his welding.
Good luck to all
Jean-Paul F6DDV

----- Original Message -----
From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Sunday, June 26, 2011 12:26 AM
Subject: Re: [pfr3_group] Re: Capacitors

OK. Hard to go wrong with a Weller.

QRPKits changed parts and/or vendor for the jacks and they do not properly fit the PCB holes. -Don't- hog out the circuit board hole. Best thing is to crimp down the pin so it fits the hole. I think there are photographs for that, maybe in the Photos section of the Group site.

Best of luck with the rest of the kit and keep us posted on how you're doing.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "kybarney" <kybarney@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Capacitors
Date: Sat, 25 Jun 2011 22:14:49 -0000

I am using a digital weller station I just bought. I put the rf probe together without a problem. I think I was just using too small of a tip.

Did you have a problem with the phono plugs for the key/headphones? The front pin is too big for the hole...

2715. Re: [pfr3_group] Re: Capacitors

Yahoo group: pfr3_group
Date: 2011-06-26 11:17:35 UTC
From: Carlo Strozzi
Topic: 2670 Message: 2715

On Sun, Jun 26, 2011 at 12:36:13PM +0200, f6ddv wrote:
> Hi Dale and others
> I think this solution is good and easier for everybody.
> all capacitors have with writing in the same direction, eg left,
> and the resistance read from top to bottom, can be an advantage for
> research and the proper reading of visual editing, it was recommended
> years ago is logical and much better than putting the components in all
> directions, I always do well in all my fixtures.

Jean-Paul,

I usually follow that rule with resistors, but not with the capacitors,
because they usually have their value marked on one side, and that may
become difficult to read if it faces a taller or close-by component. So
I prefer to orient each and every cap in a way that I can always read its
value even with the board completely assembled.

> Professional builders are implementing in this way generally.

I think that has more to do with the fact that automaded assembling
machines do not get into these considerations :-)

ciao,
Carlo

--
Software Patents kill Innovation: say NO to Software Patents!
I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2716. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 12:21:31 UTC
From: Steve Smith
Topic: 1261 Message: 2716

Hi Kyle,

Thanks for those measurements. I added them to my folder of troubleshooting notes.

The pins you see sticking out from the bottom of the board underneath U7 should be the 28-pin socket pins. I hope you installed the socket and didn't solder the IC directly to the board. The folded pin(s) I referred to would be underneath U7, between it and the socket. When inserting the IC it's easy to catch the pin(s) on the side of the socket and bend them. Sometimes it will look like all the pins are OK until the IC is removed from the socket. Sometimes an IC pin will miss the hole altogether and end up on the side of the socket but that is easy to spot; folded pins are not so easy to see.

Sorry for goofing up on the bandswitch. You are correct, it is not part of group 1. The rest of the troubleshooting procedure is valid. So check to see if you're getting 11.9452 MHz (+/- 1 kHz) from the DDS per the instructions and if that is working, do the continuity checks.

I inadvertently made the test procedure a bit unclear. I meant to say "check for continuity from each of the eight U7 socket pins that connect to the display"

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "kybarney" <kybarney@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 Smoke Test
Date: Sun, 26 Jun 2011 05:58:51 -0000

Steve,

Yes, U7 has a yellow dot on the left, near the notch on the left hand side.

I haven't built the bandswitch yet, I am still in phase 1. Ha!

Holding the up/down/RIT buttons don't do anything to the display.

I know U7 does not have any folded over pins because I can see all of the pins protruding from the solder on the other side of the board..

I checked U7 pin voltages, and they are as follows:

View from top side of PCB:
Top row voltage: 0.0/4.92/4.97/0/4.97/0.0/0.0/4.97/4.97/4.78/4.78/2.00/4.78/4.78

Bottom Row: 4.97/2.97/1.98/1.0/0.0/0.0/4.97/0.0/1.01/1.00/0.0/1.97/3.94/1.01

-Kyle N9NJM

2717. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 12:39:04 UTC
From: Steve Smith
Topic: 1261 Message: 2717

Hi Kyle,

Thanks for those U7 measurements.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "kybarney" <kybarney@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 Smoke Test
Date: Sun, 26 Jun 2011 05:39:17 -0000

My voltages for U7 are similar:
Top row: 0/4.92/4.97/0/4.97/0/0/4.97/4.97/4.78/4.78/2.00/4.78/4.78

Bottom Row: 4.97/2.97/1.98/1.0/0.0/0.0/4.97/0.0/1.01/1.00/0.0/1.97/3.94/1.01

-Kyle

2718. Re: [pfr3_group] Re: Group 1 smoke test

Yahoo group: pfr3_group
Date: 2011-06-26 12:45:06 UTC
From: Steve Smith
Topic: 1175 Message: 2718

Hi Grant,

Thanks for checking that.

Well, your U7 pin 1 voltage looks fine and it compares to Kyles U7 measurement so I would say C30 is fine. I was sort of grasping at straws on that one.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "grantmcduling" <grantmcduling@yahoo.com.au>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 smoke test
Date: Sun, 26 Jun 2011 08:45:06 -0000

Thanks Steve. All I can realistically test (as far as I know) is the polarity by looking at it. C30 is in the right way. And it is a 100 ufd cap. Can't test that it is good though as I don't have a meter. Anything else I could do to verify its state?

Grant

2719. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 12:59:10 UTC
From: Steve Smith
Topic: 1261 Message: 2719

Have either of you guys done the ~11 MHz test?

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@yahoo.com.au>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 Smoke Test
Date: Sun, 26 Jun 2011 08:48:17 -0000

Hi Kyle, I get just about exactly the same readings as you do for U7. And holding down the buttons also do nothing to the display.

Grant .

2720. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 13:28:00 UTC
From: kybarney
Topic: 1261 Message: 2720

Was I not supposed to solder U7 after installing it? I soldered it like all the other parts, on the back side of PCB...

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Kyle,
>
> Thanks for those measurements. I added them to my folder of troubleshooting notes.
>
> The pins you see sticking out from the bottom of the board underneath U7 should be the 28-pin socket pins. I hope you installed the socket and didn't solder the IC directly to the board. The folded pin(s) I referred to would be underneath U7, between it and the socket. When inserting the IC it's easy to catch the pin(s) on the side of the socket and bend them. Sometimes it will look like all the pins are OK until the IC is removed from the socket. Sometimes an IC pin will miss the hole altogether and end up on the side of the socket but that is easy to spot; folded pins are not so easy to see.
>
> Sorry for goofing up on the bandswitch. You are correct, it is not part of group 1. The rest of the troubleshooting procedure is valid. So check to see if you're getting 11.9452 MHz (+/- 1 kHz) from the DDS per the instructions and if that is working, do the continuity checks.
>
> I inadvertently made the test procedure a bit unclear. I meant to say "check for continuity from each of the eight U7 socket pins that connect to the display"
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "kybarney" <kybarney@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Group 1 Smoke Test
> Date: Sun, 26 Jun 2011 05:58:51 -0000
>
> Steve,
>
> Yes, U7 has a yellow dot on the left, near the notch on the left hand side.
>
> I haven't built the bandswitch yet, I am still in phase 1. Ha!
>
> Holding the up/down/RIT buttons don't do anything to the display.
>
> I know U7 does not have any folded over pins because I can see all of the pins protruding from the solder on the other side of the board..
>
>

>
> I checked U7 pin voltages, and they are as follows:
>
> View from top side of PCB:
> Top row voltage: 0.0/4.92/4.97/0/4.97/0.0/0.0/4.97/4.97/4.78/4.78/2.00/4.78/4.78
>
> Bottom Row: 4.97/2.97/1.98/1.0/0.0/0.0/4.97/0.0/1.01/1.00/0.0/1.97/3.94/1.01
>
>
> -Kyle N9NJM
>

2722. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 13:44:17 UTC
From: kybarney
Topic: 1261 Message: 2722

Are U7 and U8 supposed to have the 14 pin and 28 pin dip sockets installed first, and then the chips insterted and soldered on top of those? If so, I messed up because I had the 14 pin socket installed in U8, and removed it (destroying it in the process) to install 74AC02PC.

Both 74AC02PC and ATMMEGA48 are installed and soldered directly to the board. That sounds like it's the problem. If that's the issue, I am concerned because I need another 14 pin DIP, and I don't think I can remove U7 and U8 without damaging them... :-(

--- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@...> wrote:
>
> Was I not supposed to solder U7 after installing it? I soldered it like all the other parts, on the back side of PCB...
>
> --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:
> >
> > Hi Kyle,
> >
> > Thanks for those measurements. I added them to my folder of troubleshooting notes.
> >
> > The pins you see sticking out from the bottom of the board underneath U7 should be the 28-pin socket pins. I hope you installed the socket and didn't solder the IC directly to the board. The folded pin(s) I referred to would be underneath U7, between it and the socket. When inserting the IC it's easy to catch the pin(s) on the side of the socket and bend them. Sometimes it will look like all the pins are OK until the IC is removed from the socket. Sometimes an IC pin will miss the hole altogether and end up on the side of the socket but that is easy to spot; folded pins are not so easy to see.
> >
> > Sorry for goofing up on the bandswitch. You are correct, it is not part of group 1. The rest of the troubleshooting procedure is valid. So check to see if you're getting 11.9452 MHz (+/- 1 kHz) from the DDS per the instructions and if that is working, do the continuity checks.
> >
> > I inadvertently made the test procedure a bit unclear. I meant to say "check for continuity from each of the eight U7 socket pins that connect to the display"
> >
> > 73.......Steve Smith WB6TNL
> >
> > ---------- Original Message ----------
> > From: "kybarney" <kybarney@>
> > To: pfr3_group@yahoogroups.com
> > Subject: [pfr3_group] Re: Group 1 Smoke Test
> > Date: Sun, 26 Jun 2011 05:58:51 -0000
> >
> > Steve,

> >
> > Yes, U7 has a yellow dot on the left, near the notch on the left hand side.
> >
> > I haven't built the bandswitch yet, I am still in phase 1. Ha!
> >
> > Holding the up/down/RIT buttons don't do anything to the display.
> >
> > I know U7 does not have any folded over pins because I can see all of the pins protruding from the solder on the other side of the board..
> >
> >
> >
> > I checked U7 pin voltages, and they are as follows:
> >
> > View from top side of PCB:
> > Top row voltage: 0.0/4.92/4.97/0/4.97/0.0/0.0/4.97/4.97/4.78/4.78/2.00/4.78/4.78
> >
> > Bottom Row: 4.97/2.97/1.98/1.0/0.0/0.0/4.97/0.0/1.01/1.00/0.0/1.97/3.94/1.01
> >
> >
> > -Kyle N9NJM
> >
>

2723. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 14:13:06 UTC
From: kybarney
Topic: 1261 Message: 2723

If I am able to remove US and U8, which are soldered directly to the board (that's a big IF), would this radio shack part be a suitable replacement for the U8 socket I destroyed when trying to remove it?

http://www.radioshack.com/product/index.jsp?productId=2062607#

--- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@...> wrote:
>
>
> Are U7 and U8 supposed to have the 14 pin and 28 pin dip sockets installed first, and then the chips insterted and soldered on top of those? If so, I messed up because I had the 14 pin socket installed in U8, and removed it (destroying it in the process) to install 74AC02PC.
>
> Both 74AC02PC and ATMMEGA48 are installed and soldered directly to the board. That sounds like it's the problem. If that's the issue, I am concerned because I need another 14 pin DIP, and I don't think I can remove U7 and U8 without damaging them... :-(
>
> --- In pfr3_group@yahoogroups.com, "kybarney" <kybarney@> wrote:
> >
> > Was I not supposed to solder U7 after installing it? I soldered it like all the other parts, on the back side of PCB...
> >
> > --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:
> > >
> > > Hi Kyle,
> > >
> > > Thanks for those measurements. I added them to my folder of troubleshooting notes.
> > >
> > > The pins you see sticking out from the bottom of the board underneath U7 should be the 28-pin socket pins. I hope you installed the socket and didn't solder the IC directly to the board. The folded pin(s) I referred to would be underneath U7, between it and the socket. When inserting the IC it's easy to catch the pin(s) on the side of the socket and bend them. Sometimes it will look like all the pins are OK until the IC is removed from the socket. Sometimes an IC pin will miss the hole altogether and end up on the side of the socket but that is easy to spot; folded pins are not so easy to see.
> > >
> > > Sorry for goofing up on the bandswitch. You are correct, it is not part of group 1. The rest of the troubleshooting procedure is valid. So check to see if you're getting 11.9452 MHz (+/- 1 kHz) from the DDS per the instructions and if that is working, do the continuity checks.
> > >
> > > I inadvertently made the test procedure a bit unclear. I meant to say "check for continuity from each of the eight U7 socket pins that connect to the display"
> > >

> > > 73.......Steve Smith WB6TNL
> > >
> > > ---------- Original Message ----------
> > > From: "kybarney" <kybarney@>
> > > To: pfr3_group@yahoogroups.com
> > > Subject: [pfr3_group] Re: Group 1 Smoke Test
> > > Date: Sun, 26 Jun 2011 05:58:51 -0000
> > >
> > > Steve,
> > >
> > > Yes, U7 has a yellow dot on the left, near the notch on the left hand side.
> > >
> > > I haven't built the bandswitch yet, I am still in phase 1. Ha!
> > >
> > > Holding the up/down/RIT buttons don't do anything to the display.
> > >
> > > I know U7 does not have any folded over pins because I can see all of the pins protruding from the solder on the other side of the board..
> > >
> > >
> > >
> > > I checked U7 pin voltages, and they are as follows:
> > >
> > > View from top side of PCB:
> > > Top row voltage: 0.0/4.92/4.97/0/4.97/0.0/0.0/4.97/4.97/4.78/4.78/2.00/4.78/4.78
> > >
> > > Bottom Row: 4.97/2.97/1.98/1.0/0.0/0.0/4.97/0.0/1.01/1.00/0.0/1.97/3.94/1.01
> > >
> > >
> > > -Kyle N9NJM
> > >
> >
>

2724. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 16:00:18 UTC
From: Steve Smith
Topic: 1261 Message: 2724

Hi Kyle,

Oh, my. No, there's supposed to be a socket installed first. You can see it in the photograph of the board. See Pg. 6, the 6th 'bullet point' from the bottom.

Soldering U7 directly in won't stop the radio from working -if- U7 is OK. Plus, it makes it much more difficult to troubleshoot this problem.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "kybarney" <kybarney@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 Smoke Test
Date: Sun, 26 Jun 2011 13:28:00 -0000

Was I not supposed to solder U7 after installing it? I soldered it like all the other parts, on the back side of PCB...

Yahoo! Groups Links

2725. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 16:10:21 UTC
From: kybarney
Topic: 1261 Message: 2725

I am in the process or removing U7 and U8 to solder the sockets in first.

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Kyle,
>
> Oh, my. No, there's supposed to be a socket installed first. You can see it in the photograph of the board. See Pg. 6, the 6th 'bullet point' from the bottom.
>
> Soldering U7 directly in won't stop the radio from working -if- U7 is OK. Plus, it makes it much more difficult to troubleshoot this problem.
>
> 73.......Steve Smith WB6TNL
>
>
>
> ---------- Original Message ----------
> From: "kybarney" <kybarney@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Group 1 Smoke Test
> Date: Sun, 26 Jun 2011 13:28:00 -0000
>
> Was I not supposed to solder U7 after installing it? I soldered it like all the other parts, on the back side of PCB...
>
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2726. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 17:06:31 UTC
From: Steve Smith
Topic: 1261 Message: 2726

Unless you have a lot of experience de-soldering, I'd recommend seeking out someone who does.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "kybarney" <kybarney@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 Smoke Test
Date: Sun, 26 Jun 2011 16:10:21 -0000

I am in the process or removing U7 and U8 to solder the sockets in first.

2727. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 17:11:51 UTC
From: Steve Smith
Topic: 1261 Message: 2727

Yes.

There should have been a socket for every IC in the kit. You should have the 28-pin and 4 ea. 8-pin DIP sockets left.

---------- Original Message ----------
From: "kybarney" <kybarney@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 Smoke Test
Date: Sun, 26 Jun 2011 13:44:17 -0000

Are U7 and U8 supposed to have the 14 pin and 28 pin dip sockets installed first, and then the chips insterted and soldered on top of those? If so, I messed up because I had the 14 pin socket installed in U8, and removed it (destroying it in the process) to install 74AC02PC.

Both 74AC02PC and ATMMEGA48 are installed and soldered directly to the board. That sounds like it's the problem. If that's the issue, I am concerned because I need another 14 pin DIP, and I don't think I can remove U7 and U8 without damaging them... :-(

2728. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 17:13:53 UTC
From: Steve Smith
Topic: 1261 Message: 2728

Yes.

---------- Original Message ----------
From: "kybarney" <kybarney@yahoo.com>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 Smoke Test
Date: Sun, 26 Jun 2011 14:13:06 -0000

If I am able to remove US and U8, which are soldered directly to the board (that's a big IF), would this radio shack part be a suitable replacement for the U8 socket I destroyed when trying to remove it?

2729. unsubscrtibe KC7U.

Yahoo group: pfr3_group
Date: 2011-06-26 20:29:17 UTC
From: Don Ingram
Topic: 2729 Message: 2729

Please unsubscribe me from this list.

2730. Re: [pfr3_group] unsubscrtibe KC7U.

Yahoo group: pfr3_group
Date: 2011-06-26 22:18:13 UTC
From: Carlo Strozzi
Topic: 2729 Message: 2730

On Sun, Jun 26, 2011 at 01:29:17PM -0700, Don Ingram wrote:
>
>
> Please unsubscribe me from this list.

It may be of help to remind that leaving a Yahoo group is as easy as
joining it: one can simply go the Yahoo page of the relevant group and
click on the "leave this group" button in the group settings page.

ciao,
Carlo

--
Software Patents kill Innovation: say NO to Software Patents!
I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2731. Re: [pfr3_group] unsubscrtibe KC7U.

Yahoo group: pfr3_group
Date: 2011-06-26 23:15:34 UTC
From: Bob
Topic: 2729 Message: 2731

Don, on every you or another member makes,way at the bottom is a link to click on to leave. This is with full featured mail. If you selected traditional mail,just copy and past the address to leave and click send but I see the link here at the very bottom so just click and your gone. Bob. AF2Q
Former member of the 12 O'oclock High Skydiving Team

-----Original Message-----
From: "Don Ingram" <kk7vm@...>
Sender: pfr3_group@yahoogroups.com
Date: Sun, 26 Jun 2011 13:29:17
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] unsubscrtibe KC7U.

Please unsubscribe me from this list.

2732. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 23:30:28 UTC
From: Grant
Topic: 1261 Message: 2732

No, not yet Steve. Was concentrating on sorting out the display first.

Grant

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Have either of you guys done the ~11 MHz test?
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "Grant" <grantmcduling@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Group 1 Smoke Test
> Date: Sun, 26 Jun 2011 08:48:17 -0000
>
> Hi Kyle, I get just about exactly the same readings as you do for U7. And holding down the buttons also do nothing to the display.
>
> Grant .
>

2733. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 23:34:05 UTC
From: Grant
Topic: 1261 Message: 2733

You can ask Doug Hendricks to send you replacement parts. His guarantee provides for screw-ups at no cost to you. All you have to do is pay the postage. See his web site for details: it's at the bottom of page 1 (the home page)

Grant

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Yes.
>
> There should have been a socket for every IC in the kit. You should have the 28-pin and 4 ea. 8-pin DIP sockets left.
>
> ---------- Original Message ----------
> From: "kybarney" <kybarney@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Group 1 Smoke Test
> Date: Sun, 26 Jun 2011 13:44:17 -0000
>
>
>
> Are U7 and U8 supposed to have the 14 pin and 28 pin dip sockets installed first, and then the chips insterted and soldered on top of those? If so, I messed up because I had the 14 pin socket installed in U8, and removed it (destroying it in the process) to install 74AC02PC.
>
> Both 74AC02PC and ATMMEGA48 are installed and soldered directly to the board. That sounds like it's the problem. If that's the issue, I am concerned because I need another 14 pin DIP, and I don't think I can remove U7 and U8 without damaging them... :-(
>

2734. RE: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-26 23:39:13 UTC
From: Dale Putnam
Topic: 1261 Message: 2734

I've been watchin, and if it is helpful, I'd be very happy to remove the ics for you, no cost. Just send the board.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Sun, 26 Jun 2011 23:34:05 +0000
Subject: [pfr3_group] Re: Group 1 Smoke Test

You can ask Doug Hendricks to send you replacement parts. His guarantee provides for screw-ups at no cost to you. All you have to do is pay the postage. See his web site for details: it's at the bottom of page 1 (the home page)

Grant

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:

>

> Yes.

>

> There should have been a socket for every IC in the kit. You should have the 28-pin and 4 ea. 8-pin DIP sockets left.

>

> ---------- Original Message ----------

> From: "kybarney" <kybarney@...>

> To: pfr3_group@yahoogroups.com

> Subject: [pfr3_group] Re: Group 1 Smoke Test

> Date: Sun, 26 Jun 2011 13:44:17 -0000

>

>

>

> Are U7 and U8 supposed to have the 14 pin and 28 pin dip sockets installed first, and then the chips insterted and soldered on top of those? If so, I messed up because I had the 14 pin socket installed in U8, and removed it (destroying it in the process) to install 74AC02PC.

>

> Both 74AC02PC and ATMMEGA48 are installed and soldered directly to the board. That sounds like it's the problem. If that's the issue, I am concerned because I need another 14 pin DIP, and I don't think I can remove U7 and U8 without damaging them... :-(

>

2735. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-27 00:39:59 UTC
From: Steve Smith
Topic: 1261 Message: 2735

Hi Grant,

The reason I'm asking about the ~11 MHz is because if the DDS is not running that's a good indication that the problem is with U7 and not the display or the connections from U7 to the display. If the DDS -is- running and on the proper frequency then the problem is most likely related to either a bad display module or the connections from U7 to the display. That can be confirmed by doing the continuity tests and will rule out the connections to the display.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 Smoke Test
Date: Sun, 26 Jun 2011 23:30:28 -0000

No, not yet Steve. Was concentrating on sorting out the display first.

Grant

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Have either of you guys done the ~11 MHz test?
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "Grant" <grantmcduling@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Group 1 Smoke Test
> Date: Sun, 26 Jun 2011 08:48:17 -0000
>
> Hi Kyle, I get just about exactly the same readings as you do for U7. And holding down the buttons also do nothing to the display.
>
> Grant .
>

Yahoo! Groups Links

2736. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-27 00:52:08 UTC
From: grantmcduling
Topic: 1261 Message: 2736

Hi Dale,

What do you think my next move is? Does it look like U7 is US? Incidentally, my board has two U8s marked on it but I'm sure one (the 28 pin job) is actually U7. Should I ask Doug to mail me a replacement? I don't have Steve Weber's email address to ask him about how to interpret the voltages I have on the display and U7. I hope he is following this thread.

Grant

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> I've been watchin, and if it is helpful, I'd be very happy to remove the ics for you, no cost. Just send the board.
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: grantmcduling@...
> Date: Sun, 26 Jun 2011 23:34:05 +0000
> Subject: [pfr3_group] Re: Group 1 Smoke Test
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>
> You can ask Doug Hendricks to send you replacement parts. His guarantee provides for screw-ups at no cost to you. All you have to do is pay the postage. See his web site for details: it's at the bottom of page 1 (the home page)
>
>
>
> Grant
>
>
>
> --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:
>
> >
>
> > Yes.
>
> >
>
> > There should have been a socket for every IC in the kit. You should have the 28-pin and 4 ea. 8-pin DIP sockets left.
>
> >
>
> > ---------- Original Message ----------
>
> > From: "kybarney" <kybarney@>
>
> > To: pfr3_group@yahoogroups.com
>
> > Subject: [pfr3_group] Re: Group 1 Smoke Test
>
> > Date: Sun, 26 Jun 2011 13:44:17 -0000
>
> >
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> >
>
> > Are U7 and U8 supposed to have the 14 pin and 28 pin dip sockets installed first, and then the chips insterted and soldered on top of those? If so, I messed up because I had the 14 pin socket installed in U8, and removed it (destroying it in the process) to install 74AC02PC.
>
> >

>
> > Both 74AC02PC and ATMMEGA48 are installed and soldered directly to the board. That sounds like it's the problem. If that's the issue, I am concerned because I need another 14 pin DIP, and I don't think I can remove U7 and U8 without damaging them... :-(
>
> >
>

2737. KC7U

Yahoo group: pfr3_group
Date: 2011-06-27 01:11:29 UTC
From: jafeustle
Topic: 2737 Message: 2737

Don has been deleted.

N8JF

2738. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-27 01:29:47 UTC
From: Grant
Topic: 1261 Message: 2738

Thanks Steve. This evening I'll do this part of the test and report back.

Grant
--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Grant,
>
> The reason I'm asking about the ~11 MHz is because if the DDS is not running that's a good indication that the problem is with U7 and not the display or the connections from U7 to the display. If the DDS -is- running and on the proper frequency then the problem is most likely related to either a bad display module or the connections from U7 to the display. That can be confirmed by doing the continuity tests and will rule out the connections to the display.
>
> 73.......Steve Smith WB6TNL
>
>
>
> ---------- Original Message ----------
> From: "Grant" <grantmcduling@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Group 1 Smoke Test
> Date: Sun, 26 Jun 2011 23:30:28 -0000
>
> No, not yet Steve. Was concentrating on sorting out the display first.
>
> Grant
>
>
> --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:
> >
> > Have either of you guys done the ~11 MHz test?
> >
> > 73.......Steve Smith WB6TNL
> >
> > ---------- Original Message ----------
> > From: "Grant" <grantmcduling@>
> > To: pfr3_group@yahoogroups.com
> > Subject: [pfr3_group] Re: Group 1 Smoke Test
> > Date: Sun, 26 Jun 2011 08:48:17 -0000
> >
> > Hi Kyle, I get just about exactly the same readings as you do for U7. And holding down the buttons also do nothing to the display.
> >
> > Grant .

> >
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> ------------------------------------
>
> Yahoo! Groups Links
>

2739. Re: [pfr3_group] KC7U

Yahoo group: pfr3_group
Date: 2011-06-27 01:33:25 UTC
From: Doug Jackson
Topic: 2737 Message: 2739

Isn't that what the Cybermen say?

:-)

On Mon, Jun 27, 2011 at 11:11 AM, jafeustle <jafeustle@...> wrote:

> **
>
>
> Don has been deleted.
>
> N8JF
>
>
>

--
Doug Jackson
VK1ZDJ
http://www.dougswordclock.com/ -< My clocks
http://www.vk1zdj.net -< My Amature Radio Activities

2740. RE: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-27 01:48:05 UTC
From: Dale Putnam
Topic: 1261 Message: 2740

Hi Grant, I'm curious, do you have a digital camera that you could take front and back photos of the board, and send them to me directly? The PFR3 I have on the bench right now had two U8s marked on the board, they both have sockets and one is the 14 pin, the other the 28 pin. U8 is the one closest to the tuner caps - c72/73 and C74/75. The other (28 pin) is U6. This is from the rev B.1 manual. In the PFR3A manual, U7 is the 28 pin IC. In your radio, the "notch" in IC7 should be closest to the jacks. There have been issues with U7 getting it plugged correctly into the socket, usually folding under a pin or two, as the ic gets pressed into place. And, there have been issues with the pins on the display doing the same thing, although that is easy to spot. Look on the other side of the board, and count the pins. Is there a pin in each hole for the display? I have had to get one new IC from Steve, and you may be ahead of the game, if you were to contact him directly, he's addressed on this email too. Give him your voltage readings, with an explanation of what all has been done, that may very well be the best way, Or, if you'd like, I'll work on it for you, no charge, just postage, either way, is fine. Have a great day,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Mon, 27 Jun 2011 00:52:08 +0000
Subject: [pfr3_group] Re: Group 1 Smoke Test

Hi Dale,

What do you think my next move is? Does it look like U7 is US? Incidentally, my board has two U8s marked on it but I'm sure one (the 28 pin job) is actually U7. Should I ask Doug to mail me a replacement? I don't have Steve Weber's email address to ask him about how to interpret the voltages I have on the display and U7. I hope he is following this thread.

Grant

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:

>

>

> I've been watchin, and if it is helpful, I'd be very happy to remove the ics for you, no cost. Just send the board.

>

> --... ...--

> Dale - WC7S in Wy

> To: pfr3_group@yahoogroups.com

> From: grantmcduling@...

> Date: Sun, 26 Jun 2011 23:34:05 +0000

> Subject: [pfr3_group] Re: Group 1 Smoke Test

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> You can ask Doug Hendricks to send you replacement parts. His guarantee provides for screw-ups at no cost to you. All you have to do is pay the postage. See his web site for details: it's at the bottom of page 1 (the home page)

>

>

>

> Grant

>

>

>

> --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:

>

> >

>

> > Yes.

>

> >

>

> > There should have been a socket for every IC in the kit. You should have the 28-pin and 4 ea. 8-pin DIP sockets left.

>

> >

>

> > ---------- Original Message ----------

>

> > From: "kybarney" <kybarney@>

>

> > To: pfr3_group@yahoogroups.com

>

> > Subject: [pfr3_group] Re: Group 1 Smoke Test

>

> > Date: Sun, 26 Jun 2011 13:44:17 -0000

>

> >

>

> >

>

> >

>

> > Are U7 and U8 supposed to have the 14 pin and 28 pin dip sockets installed first, and then the chips insterted and soldered on top of those? If so, I messed up because I had the 14 pin socket installed in U8, and removed it (destroying it in the process) to install 74AC02PC.

>

> >

>

> > Both 74AC02PC and ATMMEGA48 are installed and soldered directly to the board. That sounds like it's the problem. If that's the issue, I am concerned because I need another 14 pin DIP, and I don't think I can remove U7 and U8 without damaging them... :-(

>

> >

>

2741. RE: [pfr3_group] unsubscrtibe KC7U.

Yahoo group: pfr3_group
Date: 2011-06-27 02:04:08 UTC
From: Don Ingram
Topic: 2729 Message: 2741
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks Carlo!

Don

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Carlo Strozzi
Sent: Sunday, June 26, 2011 3:18 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] unsubscrtibe KC7U.

On Sun, Jun 26, 2011 at 01:29:17PM -0700, Don Ingram wrote:
>
>
> Please unsubscribe me from this list.

It may be of help to remind that leaving a Yahoo group is as easy as
joining it: one can simply go the Yahoo page of the relevant group and
click on the "leave this group" button in the group settings page.

ciao,
Carlo

--
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I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2742. FD2011, contacts made!

Yahoo group: pfr3_group
Date: 2011-06-27 02:09:39 UTC
From: winfieldmoodys
Topic: 2742 Message: 2742

I've been hitting the Just Learn Morse Code and G4FON software pretty hard but wasn't ready over the weekend to make contacts. One of our club members, Ken, was kind enough to give the PFR-3 it's inaugural run. He made several contacts, and said it sounded great! I think making CW contacts during the first few hours of FD when the bands are hammered proves to me at least it is a fine radio.

Here is a photo
<https://picasaweb.google.com/moody.michael/KD0MEQ#5622715453092789474>

Now I have even more motivation to get the rest of the letters I need learned and get on the air.

Mike

2743. Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-27 04:01:48 UTC
From: Grant
Topic: 1261 Message: 2743

Hi Steve,

I have done the test and hear nothing. So I conclude that the DDS is not running. This evening I am taking the rig to an experienced op who will cast his eye over it too in case I have missed something. I'll report back when ready. He, incidentally is also building a PFR-3A; we ordered ours together.

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Grant,
>
> The reason I'm asking about the ~11 MHz is because if the DDS is not running that's a good indication that the problem is with U7 and not the display or the connections from U7 to the display. If the DDS -is- running and on the proper frequency then the problem is most likely related to either a bad display module or the connections from U7 to the display. That can be confirmed by doing the continuity tests and will rule out the connections to the display.
>
> 73.......Steve Smith WB6TNL
>
>
>
> ---------- Original Message ----------
> From: "Grant" <grantmcduling@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Group 1 Smoke Test
> Date: Sun, 26 Jun 2011 23:30:28 -0000
>
> No, not yet Steve. Was concentrating on sorting out the display first.
>
> Grant
>
>
> --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:
> >
> > Have either of you guys done the ~11 MHz test?
> >
> > 73.......Steve Smith WB6TNL
> >
> > ---------- Original Message ----------
> > From: "Grant" <grantmcduling@>
> > To: pfr3_group@yahoogroups.com
> > Subject: [pfr3_group] Re: Group 1 Smoke Test
> > Date: Sun, 26 Jun 2011 08:48:17 -0000
> >

> > Hi Kyle, I get just about exactly the same readings as you do for U7. And holding down the buttons also do nothing to the display.
> >
> > Grant .
> >
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> ------------------------------------
>
> Yahoo! Groups Links
>

2744. Re: [pfr3_group] Re: Group 1 Smoke Test

Yahoo group: pfr3_group
Date: 2011-06-27 05:13:40 UTC
From: Steve Smith
Topic: 1261 Message: 2744

Hi Grant,

Sounds like U7 isn't doing its thing. Good plan taking it to a "second eye". Maybe he'll be willing to put his U7 into your radio.

Best of luck and will await your report.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Group 1 Smoke Test
Date: Mon, 27 Jun 2011 04:01:48 -0000

Hi Steve,

I have done the test and hear nothing. So I conclude that the DDS is not running. This evening I am taking the rig to an experienced op who will cast his eye over it too in case I have missed something. I'll report back when ready. He, incidentally is also building a PFR-3A; we ordered ours together.

2745. free handbook radio F6BCU 2011

Yahoo group: pfr3_group
Date: 2011-06-27 05:52:27 UTC
From: F6BCU
Topic: 2745 Message: 2745

The Big 'French Handbook' - free to download
New 2011 edition - available since June 25 2011.

Now, it is possible to download free the 'French Handbook' accomplished by F6BCU.

Numerous technical articles are at your disposal, ideal for home-brew.

You can download compact disk free on the site of Onlineradio (exclusive).
http://communaute.onlineradio.fr/files/file/
162-handbook-de-la-ligne-bleue/ - for download (540 Mo)

Jean-Nicolas
http://www.onlineradio.fr

2746. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-27 08:41:24 UTC
From: Carlo Strozzi
Topic: 2662 Message: 2746

On Fri, Jun 24, 2011 at 11:26:56PM +0200, Carlo Strozzi wrote:
> On Fri, Jun 24, 2011 at 05:20:47PM -0400, Steven Weber wrote:
> >
> > That's why if your going to run the rig on a 13.8V bench supply, I
> > recommend dropping the voltage with a couple of series connected
> > silicon rectifier diodes, in series with the supply line.
> >
> > 72, Steve KD1JV
>
> Steve,
>
> yes, mine was just a "smoke" test, with no smoke fortunately :-) Also,
> that was with a 50 ohm dummy load so SWR was 1:1. Normally I'll be
> operating the rig on on 8 x 1.2 HiMh AA cells, so that should be well
> within the rated specs.

I have just completed my unit, and it turned out a rather nice build.
With fresh internal Ni-Mh AA batteries I have measured these power values:

* 40m -> 3.5 watts
* 30m -> 3.0 watts
* 20m -> 3.8 watts

These values look much safer than those that I had measured at 13.5 Vdc.

In a few moments I'll post a summary of the minor glitches that I have
found with this otherwise excellent kit.

ciao,
Carlo

--
Software Patents kill Innovation: say NO to Software Patents!
I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

2747. Re: the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-27 08:43:29 UTC
From: Grant
Topic: 2662 Message: 2747

Well done Carlo. I am looking forward to hearing your experiences.

Grant

--- In pfr3_group@yahoogroups.com, Carlo Strozzi <carlos@...> wrote:
>
> On Fri, Jun 24, 2011 at 11:26:56PM +0200, Carlo Strozzi wrote:
> > On Fri, Jun 24, 2011 at 05:20:47PM -0400, Steven Weber wrote:
> > >
> > > That's why if your going to run the rig on a 13.8V bench supply, I
> > > recommend dropping the voltage with a couple of series connected
> > > silicon rectifier diodes, in series with the supply line.
> > >
> > > 72, Steve KD1JV
> >
> > Steve,
> >
> > yes, mine was just a "smoke" test, with no smoke fortunately :-) Also,
> > that was with a 50 ohm dummy load so SWR was 1:1. Normally I'll be
> > operating the rig on on 8 x 1.2 HiMh AA cells, so that should be well
> > within the rated specs.
>
> I have just completed my unit, and it turned out a rather nice build.
> With fresh internal Ni-Mh AA batteries I have measured these power values:
>
> * 40m -> 3.5 watts
> * 30m -> 3.0 watts
> * 20m -> 3.8 watts
>
> These values look much safer than those that I had measured at 13.5 Vdc.
>
> In a few moments I'll post a summary of the minor glitches that I have
> found with this otherwise excellent kit.
>
> ciao,
> Carlo
>
> --
> Software Patents kill Innovation: say NO to Software Patents!
> I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!
>

2748. my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-27 10:15:29 UTC
From: Carlo Strozzi
Topic: 2748 Message: 2748

Hi all,

I have just completed my own unit of the PFR-3 and the result is really good, electrically, mechanically and visually. I tried and apply every possible care in the process, which took me abt 30 hours from start to finish, spread over seven days. I have yet to test the actual matching capabilities of the built-in BLT on an externa wire antenna. I already own one stant-alone BLT+ tuner and it works well, we'll see how the built-in one works.

Here's a list of minor glitches that I have found with this kit, along with a few suggestions of mine for a successful build.

A number of (common) components were either missing, wrong/damaged or in excess, namely:

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* one toroid T37-2 was broken, fortunately I have many spares here.

* two 220 Kohm resistors were missing.

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* n. 17 x 2.2. Kohm resistors were supplied, the BOM says 14.

* n. 5 x 4.7pF NP0 ceramic caps were supplied, the BOM says 3.

* n. 28 x 0.1 uF mono caps were supplied, the BOM says 21.

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Misc stuff:

On page 10, "IF offset adjust and BFO trimmer set:" the manual says you should see two peaks at the boundaries of the filter bandpass.

In my unit I had only one well-defined peak, but that may be because
I had carefully matched both the xtals and the caps in the filter
before installing them.

I placed insulating material under L7, T2 and T3, to prevent any
unwanted contacts with the underlying PCB. All the toroids were
fixed in place with a drop of epoxy.

I wound T1 with #30 AWG wire instead of the supplied #28, to make sure
the primary and secondary windings did not overlap. T1 is in the RX
section so no problem with using thinner wire there.

The nylon spacers used to extend the polyvaricon shafts were a bit too
long, resulting in the knobs standing a bit too high above the front
panel, so I shortened both the spacers and the screws by about 4mm
and in that way things looks much better. Once the nylon spacer are
tightened in place their diameter increases slightly, so that the knobs
have troubles in sliding over them. A tiny smear of silicon grease on
the top ends of the shafts fixed this. If you apply the same surgery
make sure that the spacers are cut perpendicularily, so that the knobs
remain axial during their rotation.

Although the finals do not need a heathsink I placed a small sheet of
copper over the heads of the three BS170, and glued it in place with a
drop of epoxy. In this way, beside the heath-sinking effect of the piece
of copper itself, the heath gets evenly distributed across the three
transistors, which I think may also help with keeping things cool.

I have installed a separate DC socket, connecting directly to the
internal battery pack, so that I can use a commercial quick charger
without having to remove the exausted batteries nor needing an internal
trickle-charging circuit. The extra socket is normally kept closed with a
difficult-to-remove rubber plug, so that it is not accidentally used to
connect an external power supply.

If the red acetate display protection is fixed to the front panel with
super-glue, then make sure the latter is of the gel-type, to greatly
reduce the risk of smears of glue on the exposed part of the protection
itself, which are then impossible to wipe off; it happened to me, and
even if the smear is not very visible it is still disturbing. Fortunately
it is completely invisible when the display is lit.

So, that's it. I'll post pics of the completed unit later on.

ciao,
Carlo

--
Software Patents kill Innovation: say NO to Software Patents!
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2749. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-27 10:35:32 UTC
From: f6ddv
Topic: 2662 Message: 2749

Hello everyone
Very good deal ... H.I.
The NIMH cell is a bit of a problem, not enough volts
3 LiLion cell recovery v 3.6 PC 2800 mA / h can be interesting, I tested several QRP transceiver, it's interesting.
73S
jp F6DDV

----- Original Message -----
From: Carlo Strozzi
To: pfr3_group@yahoogroups.com
Sent: Monday, June 27, 2011 10:41 AM
Subject: Re: [pfr3_group] the build and all things ...

On Fri, Jun 24, 2011 at 11:26:56PM +0200, Carlo Strozzi wrote:
> On Fri, Jun 24, 2011 at 05:20:47PM -0400, Steven Weber wrote:
> >
> > That's why if your going to run the rig on a 13.8V bench supply, I
> > recommend dropping the voltage with a couple of series connected
> > silicon rectifier diodes, in series with the supply line.
> >
> > 72, Steve KD1JV
>
> Steve,
>
> yes, mine was just a "smoke" test, with no smoke fortunately :-) Also,
> that was with a 50 ohm dummy load so SWR was 1:1. Normally I'll be
> operating the rig on on 8 x 1.2 HiMh AA cells, so that should be well
> within the rated specs.

I have just completed my unit, and it turned out a rather nice build.
With fresh internal Ni-Mh AA batteries I have measured these power values:

* 40m -> 3.5 watts
* 30m -> 3.0 watts
* 20m -> 3.8 watts

These values look much safer than those that I had measured at 13.5 Vdc.

In a few moments I'll post a summary of the minor glitches that I have
found with this otherwise excellent kit.

ciao,
Carlo

--
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2750. Re: [pfr3_group] my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-27 10:51:24 UTC
From: f6ddv
Topic: 2748 Message: 2750

Hello again
It is extremely precise and methodical friend Carlo
I think it's "professional" can be seen clearly ...
I'll keep this valuable information with a few others that will help me as I would receive my pfr3 in my mailbox.
Normally dispatched June 20, but I think a little difficulty to follow orders ... it does not matter.
It said, "the seller is a victim of its success!
73S
jp F6DDV

----- Original Message -----
From: Carlo Strozzi
To: pfr3_group@yahoogroups.com
Sent: Monday, June 27, 2011 12:15 PM
Subject: [pfr3_group] my PFR-3 is complete and functional!

Hi all,

I have just completed my own unit of the PFR-3 and the result is really good, electrically, mechanically and visually. I tried and apply every possible care in the process, which took me abt 30 hours from start to finish, spread over seven days. I have yet to test the actual matching capabilities of the built-in BLT on an externa wire antenna. I already own one stant-alone BLT+ tuner and it works well, we'll see how the built-in one works.

Here's a list of minor glitches that I have found with this kit, along with a few suggestions of mine for a successful build.

A number of (common) components were either missing, wrong/damaged or in excess, namely:

* my decals were for the PFR-3 as opposed than for the PFR-3A, but that is only apparent in the large label advertizing QRPKITS.COM so that was not a problem.

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* a minor surgery was needed on the PCB to make the jack sockets fit in the relevant holes on the board. I preferred to do it like that instead of trimming the jack contacts because they are fragile, and they are already tiny enough. The surgery needs some patience, tools and expertise, not to remove too much of the hole inner plating.

Misc stuff:

On page 10, "IF offset adjust and BFO trimmer set:" the manual says you should see two peaks at the boundaries of the filter bandpass. In my unit I had only one well-defined peak, but that may be because I had carefully matched both the xtals and the caps in the filter before installing them.

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The nylon spacers used to extend the polyvaricon shafts were a bit too long, resulting in the knobs standing a bit too high above the front panel, so I shortened both the spacers and the screws by about 4mm and in that way things looks much better. Once the nylon spacer are tightened in place their diameter increases slightly, so that the knobs have troubles in sliding over them. A tiny smear of silicon grease on the top ends of the shafts fixed this. If you apply the same surgery make sure that the spacers are cut perpendicularily, so that the knobs remain axial during their rotation.

Although the finals do not need a heathsink I placed a small sheet of copper over the heads of the three BS170, and glued it in place with a drop of epoxy. In this way, beside the heath-sinking effect of the piece of copper itself, the heath gets evenly distributed across the three transistors, which I think may also help with keeping things cool.

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super-glue, then make sure the latter is of the gel-type, to greatly
reduce the risk of smears of glue on the exposed part of the protection
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So, that's it. I'll post pics of the completed unit later on.

ciao,
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2751. Re: [pfr3_group] my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-27 10:52:24 UTC
From: Carlo Strozzi
Topic: 2748 Message: 2751

On Mon, Jun 27, 2011 at 12:15:29PM +0200, Carlo Strozzi wrote:
>
> So, that's it. I'll post pics of the completed unit later on.

Here they are, as anticipated:

Below is a top view of the board. Unfortunately it is out of focus but
I took it indoor late last night, and now it's too late to take a better
one because it has been wired inside the enclosure. However you can see
the heathsink on top of the finals, and the unsulators under those
toroids that lay horizontally:

http://www.strozzi.it/users/carlo/hamradio/pfr-3/epsn5144.html

The original paddles are no longer available with the kit, and anyway
I'm not sure I liked them all that much in the first place, so I
preferred to take a diffrent route:

http://www.strozzi.it/users/carlo/hamradio/pfr-3/epsn5197.html

Also, in some of the pics you may be able to notice that R14 has been
mounted on the bottom of the board, over SIP sockets. I did that to be
able to experiment with the sidetone volume even after the unit had been
assembled into the enclosure. That turned out to be unnecessary but
retaining that possibility doesn't hurt either.

That's all.

ciao,
Carlo

--
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2752. Re: [pfr3_group] my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-27 10:59:34 UTC
From: Carlo Strozzi
Topic: 2748 Message: 2752

On Mon, Jun 27, 2011 at 12:51:24PM +0200, f6ddv wrote:
> Hello again
> It is extremely precise and methodical friend Carlo
> I think it's "professional" can be seen clearly ...

Jean-Paul,

thank-you for appreciating :-)

ciao,
Carlo

--
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2753. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-27 11:04:14 UTC
From: Bob
Topic: 2662 Message: 2753

Carlo,my rig with new fresh energizer batteries has the following power out. 40 - 5.3 watts. 30- 4.8 watts. 20-- 5.1 watts. The readings were into a dummy load and loaded into the end fed wire,all bands were 4.8 measured on Weltz meter and a Diawa meter. I almost always operate from my station wagon and plugged into the cigarette lighter socket, the reading are all 2 tick marks higher since the car battery shows 12.66 volts right after shut down. So far I haven't tried it into the PAC-12 or the Budd stick but both of those are resonate so I expect they will work well if and when the sun wakes up. Tonight I will be on 7.025. And moving down and try the RBM with QRP to see where I'm being heard. Bob AF2Q
Former member of the 12 O'oclock High Skydiving Team

-----Original Message-----
From: Carlo Strozzi <carlos@linux.it>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 27 Jun 2011 10:41:24
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] the build and all things ...

On Fri, Jun 24, 2011 at 11:26:56PM +0200, Carlo Strozzi wrote:
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> Steve,
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> that was with a 50 ohm dummy load so SWR was 1:1. Normally I'll be
> operating the rig on on 8 x 1.2 HiMh AA cells, so that should be well
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ciao,
Carlo

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Yahoo! Groups Links

2754. List

Yahoo group: pfr3_group
Date: 2011-06-27 12:41:42 UTC
From: Bob
Topic: 2754 Message: 2754

Hi guys,this is not my list but many times I see a post with several others trailing behind. This is not right to keep re posting older Post. Others like me are restricted to how much we can read on a phone only to see 1153 KB left. I think that most other list also ask to trim off excess post.I don't think this is asking to much and I'm surprised the owner says nothing Bob AF2Q
Former member of the 12 O'oclock High Skydiving Team

2755. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-27 12:48:34 UTC
From: Carlo Strozzi
Topic: 2662 Message: 2755

On Mon, Jun 27, 2011 at 11:04:14AM +0000, Bob wrote:
> Carlo,my rig with new fresh energizer batteries has the following power out. 40 - 5.3 watts. 30- 4.8 watts. 20-- 5.1 watts. The readings were into a dummy load and loaded into the end fed wire,all bands were 4.8 measured on Weltz meter and a Diawa meter.

Bob,

those pwr levels sound good. I measured mine with a simple 50 ohm dummy
load and an RF probe, but I believe it still rather accurate. What type
of cells are you using ? Mine are Ni-Mh, for a total voltage of abt 10 Vdc
when freshly charged.

ciao,
Carlo

--
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2756. Selling my pfr3

Yahoo group: pfr3_group
Date: 2011-06-27 12:43:48 UTC
From: Bob
Topic: 2756 Message: 2756

100 % A1+ condition,no scratches and a 10+ Please E mail me direct. Bob AF2Q
Former member of the 12 O'oclock High Skydiving Team

2757. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-27 13:20:21 UTC
From: Bob
Topic: 2662 Message: 2757

Carlos, no need to repost what you already have. I use new 2.8 mAh energizer batteries but even when I use the 10 pack my readings are always just about the same. Right now the nMh batteries are well drained but all 3 bands are showing just over 2 watts. Bob. AF2Q
Former member of the 12 O'oclock High Skydiving Team

2758. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-27 13:27:54 UTC
From: Carlo Strozzi
Topic: 2662 Message: 2758

On Mon, Jun 27, 2011 at 01:20:21PM +0000, Bob wrote:
> I use new 2.8 mAh energizer batteries but even when I use the 10 pack
> my readings are always just about the same. Right now the nMh batteries
> are well drained but all 3 bands are showing just over 2 watts. Bob. AF2Q

Bob,

do you mean 10 x Ni-Mh cells ? Here I'm using the internal pack of 8
cells, which is well below 12 volts with Ni-Mh batteries, even when
fully charged. That's the voltage that gives me the power level that I
posted earlier.

ciao,
Carlo

--
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2759. Carlos

Yahoo group: pfr3_group
Date: 2011-06-27 13:56:35 UTC
From: Bob
Topic: 2759 Message: 2759

That was a typo. The recharge pack is 10 volts but now run down still all bands show about the same power. With the 10 volt pack you should still get 4.5 watts on all three bands. Try checking it into a dummy load with a meter. Bob AF2Q
Former member of the 12 O'oclock High Skydiving Team

2760. PFR3

Yahoo group: pfr3_group
Date: 2011-06-27 14:05:11 UTC
From: Bob
Topic: 2760 Message: 2760

The PFr-3 has been spoken for. Thanks for all who responded. Bob. AF2Q
Former member of the 12 O'oclock High Skydiving Team

2761. Re: [pfr3_group] my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-27 14:32:22 UTC
From: ny6p01@gmail.com
Topic: 2748 Message: 2761

On Mon, Jun 27, 2011 at 12:15:29PM +0200, Carlo Strozzi wrote:
> Hi all,
>
> I have just completed my own unit of the PFR-3 and the result is really
> good, electrically, mechanically and visually. I tried and apply every
> possible care in the process, which took me abt 30 hours from start to
> finish, spread over seven days. I have yet to test the actual matching
> capabilities of the built-in BLT on an externa wire antenna. I already
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>
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>
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> the relevant holes on the board. I preferred to do it like that instead
> of trimming the jack contacts because they are fragile, and they are already
> tiny enough. The surgery needs some patience, tools and expertise, not to
> remove too much of the hole inner plating.

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> Misc stuff:
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> I had carefully matched both the xtals and the caps in the filter
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> transistors, which I think may also help with keeping things cool.
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> without having to remove the exausted batteries nor needing an internal
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> difficult-to-remove rubber plug, so that it is not accidentally used to
> connect an external power supply.
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> super-glue, then make sure the latter is of the gel-type, to greatly
> reduce the risk of smears of glue on the exposed part of the protection
> itself, which are then impossible to wipe off; it happened to me, and
> even if the smear is not very visible it is still disturbing. Fortunately
> it is completely invisible when the display is lit.
>
> So, that's it. I'll post pics of the completed unit later on.
>

> ciao,
> Carlo

What? No pictures? ;)

Terry

2762. Re: [pfr3_group] my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-27 15:04:49 UTC
From: Carlo Strozzi
Topic: 2748 Message: 2762

On Mon, Jun 27, 2011 at 07:32:22AM -0700, ny6p01@... wrote:
>
> What? No pictures? ;)
>
> Terry

:-)

http://www.strozzi.it/users/carlo/hamradio/pfr-3/

ciao,
Carlo

--
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2763. RE: [pfr3_group] my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-27 15:06:58 UTC
From: Dale Putnam
Topic: 2748 Message: 2763

Very nicely done, Carlos, both the construction and the photos. Thank you for sharing, both

--... ...--
Dale - WC7S in Wy
To: ny6p01@...
CC: pfr3_group@yahoogroups.com
From: carlos@...
Date: Mon, 27 Jun 2011 17:04:49 +0200
Subject: Re: [pfr3_group] my PFR-3 is complete and functional!

On Mon, Jun 27, 2011 at 07:32:22AM -0700, ny6p01@... wrote:

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> What? No pictures? ;)

>

> Terry

:-)

http://www.strozzi.it/users/carlo/hamradio/pfr-3/

ciao,

Carlo

--

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2764. Re: [pfr3_group] my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-27 15:22:10 UTC
From: Carlo Strozzi
Topic: 2748 Message: 2764

On Mon, Jun 27, 2011 at 09:06:58AM -0600, Dale Putnam wrote:
>
> Very nicely done, Carlos, both the construction and the photos. Thank you for sharing, both

Dale,

thank you for appreciating :-) The pic of the top of the board is out of focus
but I took it late last night and I didn't realize immediately. Now it's
already been wired into the enclosure so it's too late to take a better one.
Never mind. All other pics were taken this morning in daylight, and the
difference is apparent.

ciao,
Carlo

--
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2765. Re: [pfr3_group] the build and all things ...

Yahoo group: pfr3_group
Date: 2011-06-27 16:40:12 UTC
From: f6ddv
Topic: 2662 Message: 2765

Hello everyone
can not think that way.
what exactly is the voltage that is given to pfr3 with cell batteries? (without diode in series and without pressing the key in tune)
and what is the voltage that is given to tune in pfr3
And only then, what is the output power, and how many mA? With a load of 50 ohms 1 / 1 ROS
The RF power may be different, but also the number of mA.
only 05 volts, more or less can change everything
it goes up very quickly with the power volts.
And I have not talked about the balance of cells ... very important.
73S
jp F6DDV

----- Original Message -----
From: Carlo Strozzi
To: pfr3_group@yahoogroups.com
Sent: Monday, June 27, 2011 2:48 PM
Subject: Re: [pfr3_group] the build and all things ...

On Mon, Jun 27, 2011 at 11:04:14AM +0000, Bob wrote:
> Carlo,my rig with new fresh energizer batteries has the following power out. 40 - 5.3 watts. 30- 4.8 watts. 20-- 5.1 watts. The readings were into a dummy load and loaded into the end fed wire,all bands were 4.8 measured on Weltz meter and a Diawa meter.

Bob,

those pwr levels sound good. I measured mine with a simple 50 ohm dummy
load and an RF probe, but I believe it still rather accurate. What type
of cells are you using ? Mine are Ni-Mh, for a total voltage of abt 10 Vdc
when freshly charged.

ciao,
Carlo

--
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2766. RE: [pfr3_group] my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-27 18:41:30 UTC
From: Ren Monllor
Topic: 2748 Message: 2766

Mama Mia Carlo,
It looks better than bowl of Ravioli with meatballs with lots of Marinara.
Thank you for sharing. You did a wonderful job.
Now it's time to start enjoying your new radio.
Hope to hear you on the air soon.
Ciao,
Ren

N. A. MONLLOR
KG4BAS
QRP ARCI #14308
NAQCC #4880

-----Original Message-----
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Carlo Strozzi
Sent: Monday, June 27, 2011 11:22 AM
To: daleputnam@...
Cc: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] my PFR-3 is complete and functional!

On Mon, Jun 27, 2011 at 09:06:58AM -0600, Dale Putnam wrote:
>
> Very nicely done, Carlos, both the construction and the photos. Thank you for sharing, both

Dale,

thank you for appreciating :-) The pic of the top of the board is out of focus
but I took it late last night and I didn't realize immediately. Now it's already been wired into the enclosure so it's too late to take a better one.
Never mind. All other pics were taken this morning in daylight, and the difference is apparent.

ciao,
Carlo

--
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2767. Re: [pfr3_group] my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-27 19:53:11 UTC
From: f6ddv
Topic: 2748 Message: 2767

Hello Carlo
Yes, it is true that the work is good
I just "traveled" the site of Carlo, there are many things available ...
(Habit of webmaster)
73s
jp F6DDV
----- Original Message -----
From: Ren Monllor
To: pfr3_group@yahoogroups.com
Sent: Monday, June 27, 2011 8:41 PM
Subject: RE: [pfr3_group] my PFR-3 is complete and functional!

Mama Mia Carlo,

It looks better than bowl of Ravioli with meatballs with lots of Marinara.

Thank you for sharing. You did a wonderful job.

Now it's time to start enjoying your new radio.

Hope to hear you on the air soon.

Ciao,

Ren

N. A. MONLLOR

KG4BAS

QRP ARCI #14308

NAQCC #4880

2768. Re: [pfr3_group] my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-27 20:24:41 UTC
From: ny6p01@gmail.com
Topic: 2748 Message: 2768

On Mon, Jun 27, 2011 at 05:04:49PM +0200, Carlo Strozzi wrote:
> On Mon, Jun 27, 2011 at 07:32:22AM -0700, ny6p01@... wrote:
> >
> > What? No pictures? ;)
> >
> > Terry
>
>
> :-)
>
> http://www.strozzi.it/users/carlo/hamradio/pfr-3/
>
>
> ciao,
> Carlo
>
> --
> Software Patents kill Innovation: say NO to Software Patents!
> I Brevetti Software uccidono l'innovazione: di NO ai Brevetti Software!

Many thanks, Carlo. I enjoyed looking at these pictures. Very nice job! Good luck with the rig!

Terry

2769. Re: [pfr3_group] my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-27 21:31:14 UTC
From: Carlo Strozzi
Topic: 2748 Message: 2769

On Mon, Jun 27, 2011 at 09:53:11PM +0200, f6ddv wrote:
> Hello Carlo
> Yes, it is true that the work is good

Thank-you Jean-Paul, and I take the opportunity to thank also the others
who have expressed their woords of appreciation for my work. Many thanks
to all.

> I just "traveled" the site of Carlo, there are many things available ...
> (Habit of webmaster)

Yes, I'm a Web developer and IT consultant, so most of the things that
I do end up on a web page sooner of later, and ham radio is no exception :-)

In fact over the last couple of years I've been probably spending more time
at the soldering iron than at the computer keyboard! Most of my pics are
not easy to find because they links are not listed nor advertized anywhere.

For those who are interested, here is a (partial) list of things, and
since this is a publicly visible Yahoo group I assume that the list will
soon be known to Google and friends, which is fine:

http://www.strozzi.it/users/carlo/hamradio/aa0zz-keyer/
http://www.strozzi.it/users/carlo/hamradio/ft-817/
http://www.strozzi.it/users/carlo/hamradio/ham-can/
http://www.strozzi.it/users/carlo/hamradio/hartley-1929/
http://www.strozzi.it/users/carlo/hamradio/hb-paddles/
http://www.strozzi.it/users/carlo/hamradio/magicbox/
http://www.strozzi.it/users/carlo/hamradio/nc40a/
http://www.strozzi.it/users/carlo/hamradio/ns-40/
http://www.strozzi.it/users/carlo/hamradio/pfr-3/
http://www.strozzi.it/users/carlo/hamradio/psu/
http://www.strozzi.it/users/carlo/hamradio/qamp-40/
http://www.strozzi.it/users/carlo/hamradio/qrp-tuner/
http://www.strozzi.it/users/carlo/hamradio/rockmite/
http://www.strozzi.it/users/carlo/hamradio/shack/
http://www.strozzi.it/users/carlo/hamradio/ss-40/
http://www.strozzi.it/users/carlo/hamradio/sst-20/
http://www.strozzi.it/users/carlo/hamradio/tut-80/
http://www.strozzi.it/users/carlo/hamradio/vrx-1/
http://www.strozzi.it/users/carlo/hamradio/xtal-sets/

ciao,
Carlo

--
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2770. Re: [pfr3_group] and link interesting

Yahoo group: pfr3_group
Date: 2011-06-27 21:45:37 UTC
From: f6ddv
Topic: 2770 Message: 2770

Hello again Carlo , and all ...
Wow, there is a mountain of stuff ...
something to read for 1 week ...
very interesting
73s
Jean paul F6DDV

PS: I doubt that Bob is a little angry?
I do not understand ...
I hope I'm wrong ...
73S
Jean-Paul F6DDV

----- Original Message -----
From: Carlo Strozzi
To: pfr3_group@yahoogroups.com
Sent: Monday, June 27, 2011 11:31 PM
Subject: Re: [pfr3_group] my PFR-3 is complete and functional!

On Mon, Jun 27, 2011 at 09:53:11PM +0200, f6ddv wrote:
> Hello Carlo
> Yes, it is true that the work is good

Thank-you Jean-Paul, and I take the opportunity to thank also the others
who have expressed their woords of appreciation for my work. Many thanks
to all.

> I just "traveled" the site of Carlo, there are many things available ...
> (Habit of webmaster)

Yes, I'm a Web developer and IT consultant, so most of the things that
I do end up on a web page sooner of later, and ham radio is no exception :-)

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at the soldering iron than at the computer keyboard! Most of my pics are
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http://www.strozzi.it/users/carlo/hamradio/ham-can/
http://www.strozzi.it/users/carlo/hamradio/hartley-1929/
http://www.strozzi.it/users/carlo/hamradio/hb-paddles/
http://www.strozzi.it/users/carlo/hamradio/magicbox/

http://www.strozzi.it/users/carlo/hamradio/nc40a/
http://www.strozzi.it/users/carlo/hamradio/ns-40/
http://www.strozzi.it/users/carlo/hamradio/pfr-3/
http://www.strozzi.it/users/carlo/hamradio/psu/
http://www.strozzi.it/users/carlo/hamradio/qamp-40/
http://www.strozzi.it/users/carlo/hamradio/qrp-tuner/
http://www.strozzi.it/users/carlo/hamradio/rockmite/
http://www.strozzi.it/users/carlo/hamradio/shack/
http://www.strozzi.it/users/carlo/hamradio/ss-40/
http://www.strozzi.it/users/carlo/hamradio/sst-20/
http://www.strozzi.it/users/carlo/hamradio/tut-80/
http://www.strozzi.it/users/carlo/hamradio/vrx-1/
http://www.strozzi.it/users/carlo/hamradio/xtal-sets/

ciao,
Carlo

--
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2771. Re: [pfr3_group] my PFR-3 is complete and functional!

Yahoo group: pfr3_group
Date: 2011-06-28 00:37:46 UTC
From: lahagar1@aol.com
Topic: 2748 Message: 2771

Carlo,

Superb photos! ... and congratulations on your new PFR3A!!

Lynn,

NG9D

-----Original Message-----
From: Carlo Strozzi <carlos@linux.it>
To: pfr3_group@yahoogroups.com
Sent: Mon, Jun 27, 2011 4:31 pm
Subject: Re: [pfr3_group] my PFR-3 is complete and functional!

On Mon, Jun 27, 2011 at 09:53:11PM +0200, f6ddv wrote:
> Hello Carlo
> Yes, it is true that the work is good

Thank-you Jean-Paul, and I take the opportunity to thank also the others
who have expressed their woords of appreciation for my work. Many thanks
to all.

> I just "traveled" the site of Carlo, there are many things available ...
> (Habit of webmaster)

Yes, I'm a Web developer and IT consultant, so most of the things that
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http://www.strozzi.it/users/carlo/hamradio/ham-can/
http://www.strozzi.it/users/carlo/hamradio/hartley-1929/
http://www.strozzi.it/users/carlo/hamradio/hb-paddles/
http://www.strozzi.it/users/carlo/hamradio/magicbox/
http://www.strozzi.it/users/carlo/hamradio/nc40a/
http://www.strozzi.it/users/carlo/hamradio/ns-40/
http://www.strozzi.it/users/carlo/hamradio/pfr-3/
http://www.strozzi.it/users/carlo/hamradio/psu/
http://www.strozzi.it/users/carlo/hamradio/qamp-40/
http://www.strozzi.it/users/carlo/hamradio/qrp-tuner/

http://www.strozzi.it/users/carlo/hamradio/rockmite/
http://www.strozzi.it/users/carlo/hamradio/shack/
http://www.strozzi.it/users/carlo/hamradio/ss-40/
http://www.strozzi.it/users/carlo/hamradio/sst-20/
http://www.strozzi.it/users/carlo/hamradio/tut-80/
http://www.strozzi.it/users/carlo/hamradio/vrx-1/
http://www.strozzi.it/users/carlo/hamradio/xtal-sets/

ciao,
Carlo

--
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2772. Crystal Matching

Yahoo group: pfr3_group
Date: 2011-06-28 03:18:51 UTC
From: lee
Topic: 2647 Message: 2772

I finally got around to matching 4 of the crystals for my PFR-3. (You need 4 in the filter and 1 for an oscillator, for a total of 5 crystals. My kit had 6 crystals in the bag). I ran each of the 6 crystal for around 10 minutes each in my oscillator coupled to a warmed up frequency counter. After all was said and done, there was only a difference of 10 Hz between the highest and lowest crystal. With the 4 I picked for the filter, there is only a 4 Hz difference in frequency.

The bottom line is, I really didn't have to match the crystals. In my kit, and I can only speak for my kit, the crystals were so close together in frequency matching was really not necessary. I was thinking of buying a bunch of crystals if mine, supplied in the kit, didn't match very well. (Mouser has them for around 50 cents each). With only 4 Hz difference from lowest to highest, this was not necessary. The crystals supplied with the kit are very good. I have no idea if Doug matched them or not, but if he did not they are very accurate as is.

Reading all the traffic about possible bent IC sockets, I always use machine grade sockets with gold filling instead of the cheap "stamped" ones. The pins are round and very sturdy. There is very little chance of bending one of these pins when inserting them into a PC board. For the 28 pin socket, I just used two 14 pin sockets in series with one another.

I also found the two PC mounted stereo jacks pins were slightly two large for the holes drilled into the PC board. I elected to reduce the pin size of the jacks using a pair of diagonal cutters (sharp ones) instead of drilling out the holes. HERE IS WHY! In many cases, PC boards are multi layered. They are not always one sided or two sided but sometime multi layered. That is, there are traces in more then 1, 2, 3 or 4 layers within the PC board. (I suspect the PFR-3 is only double sided). When you drill out a hole on a multi layer board, you risk drilling out the thru hole trace connecting one layer of the board to another layer. It's not a good idea drilling out a PC board for this reason unless you know for sure you are not going to remove a thru hole trace by enlarging the hole. Also, drilling out a hole too much will possible cause the copper trace to get ripped of the substrate. If you are going to drill out a hole, make sure you use a small PC drill bit. (A 1/2 inch drill bit from The Home Depot is not a good idea)!

I did have some free time a few days ago and did label up my cabinet. It came out very nice. After spraying a matt clear coat over the cabinet a few times and allowing the clear coat to set up a few days, I waxed the cabinet a few times with auto paste wax. You can only faintly see the outer edge lines of the decals. (I did cut them very close to the lettering). When you slide the decal off the paper make sure the decal does not fold back upon itself and "double up". If this happens, you will never get it to open up and lay flat again. (It's a good thing Doug gives you two sets of decals).

My kit was only missing the 4 knobs and Doug got them to me post haste!

Now I need to install the crystal filter crystals and test out the receiver. (The receiver is built except for the needed filter crystals).

I do plan to install some home made heat sinks on the three BS 170s as done on the Fort Tut Hill 80 rig I purchased from the Scorpians. (Their heat sink is an aluminum plate and epoxied to the flat side of the BS 170s. This trick works really well. In the Ft Tuthill 80 rig the two BS 170s are epoxied to a single 1/8th inch think aluminum plate around 1" x 1/2" side bye side. For the PFR-3, I'll use 3 fairly thin aluminum plates with one glued to each of the three BS-170s. There is enough room between the three BS-170s to be able to

attach a thin heat sink to each transistor. (The PFR-3 has it’s three BS-170s in a single row but not side bye side so three heat sinks will be necessary instead of just one)

Lee, w0vt

2773. Re: [pfr3_group] Crystal Matching

Yahoo group: pfr3_group
Date: 2011-06-28 08:09:39 UTC
From: Carlo Strozzi
Topic: 2647 Message: 2773

On Mon, Jun 27, 2011 at 10:18:51PM -0500, lee wrote:
> I finally got around to matching 4 of the crystals for my PFR-3. (You
> need 4 in the filter and 1 for an oscillator, for a total of 5 crystals.
> My kit had 6 crystals in the bag). I ran each of the 6 crystal for
> around 10 minutes each in my oscillator coupled to a warmed up frequency
> counter. After all was said and done, there was only a difference of 10
> Hz between the highest and lowest crystal. With the 4 I picked for the
> filter, there is only a 4 Hz difference in frequency. The bottom line is,
> I really didn't have to match the crystals.

I had only got 5 xtals with my kit, and I also matched them but I confirm
that they were very close to each other, so matching is probably unnecessary
with most units of this kit. My crystals were as follows:

* 4.914680
* 4.914650
* 4.914645
* 4.914625
* 4.914630

The capacitor values were more spaced, so I matched those too.

> I also found the two PC mounted stereo jacks pins were slightly two
> large for the holes drilled into the PC board. I elected to reduce the
> pin size of the jacks using a pair of diagonal cutters (sharp ones)
> instead of drilling out the holes. HERE IS WHY! In many cases, PC boards
> are multi layered. They are not always one sided or two sided but
> sometime multi layered. That is, there are traces in more then 1, 2, 3
> or 4 layers within the PC board. (I suspect the PFR-3 is only double
> sided). When you drill out a hole on a multi layer board, you risk
> drilling out the thru hole trace connecting one layer of the board to
> another layer. It's not a good idea drilling out a PC board for this
(...)

Thats generally true, but if a board has only two sides one may also
do it differently, like this:

http://www.strozzi.it/users/carlo/hamradio/magicbox/epsn4714.html

The pic is of the 4SQRP Magic Box, which also had that problem (at
least with the sockets supplied with my kit). If you zoom into the
picture you'll see the keyhole-shaped holes for the socket pins. I did
that surgery with a very fine saw blade and a bit of patience, without
removing a significant amount of the hole inner plating. This certainly
requires a bit more care than simply cutting the socket pins but
it allows for more mismatch between the holes and the sockets.

> I do plan to install some home made heat sinks on the three BS 170s as
> done on the Fort Tut Hill 80 rig I purchased from the Scorpians. (Their
> heat sink is an aluminum plate and epoxied to the flat side of the BS
> 170s. This trick works really well. In the Ft Tuthill 80 rig the two BS
> 170s are epoxied to a single 1/8th inch think aluminum plate around 1”
> x 1/2” side bye side. For the PFR-3, I’ll use 3 fairly thin aluminum
> plates with one glued to each of the three BS-170s. There is enough room
> between the three BS-170s to be able to attach a thin heat sink to each
> transistor. (The PFR-3 has it’s three BS-170s in a single row but not
> side bye side so three heat sinks will be necessary instead of just one)

Here is what I did, still using one single heathsink (I also took the
idea from the Tuthill 80 :-) :

http://www.strozzi.it/users/carlo/hamradio/pfr-3/epsn5144.html

(sorry for the pic out of focus).

Of course using three separate ones is also OK, just takes more work.
Also, in case the three transistors heath differently from one another,
thermally joining them together may help with keeping things cooler
because of the increased total mass.

ciao,
Carlo

--
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2774. Re: [pfr3_group] I suffer from CCWD

Yahoo group: pfr3_group
Date: 2011-06-28 12:47:06 UTC
From: lahagar1@aol.com
Topic: 2662 Message: 2774

http://www.youtube.com/user/NG9D?feature=mhee

Can't do anything about this mental condition - CCWD -

Compulsive CW Disorder.

NG9D
Lynn

Reply to sender | Reply to group | Reply via web post | Start a New Topic
Messages in this topic (11)
Recent Activity: New Members 1 New Photos 1 New Links 1
Visit Your Group

Switch to: Text-Only, Daily Digest • Unsubscribe • Terms of Use

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2775. Re: [pfr3_group] I suffer from CCWD

Yahoo group: pfr3_group
Date: 2011-06-28 14:04:08 UTC
From: ckwishmeier@cs.com
Topic: 2662 Message: 2775

Lynn,

I received my PFR-3A kit about a year ago, looked over your Youtube presentations, sorted the parts, fired up my very old Weller soldering iron from my Heathkit days and built the radio. I adjusted the frequency with a frequency counter borrowed from Notre Dame here in town. My PFR-3A worked the first time and I have been putting miles on it. There is so much variation in component values in general that all of this checking of capacitors, resistors, crystals and such seems to be a bit excessive!. This was a well put together kit with a great design producing what has become my favorite radio. Many thanks to Steve and Doug. By the way, the Hendricks QRP Kits "Tenna Dipper" is great, too,

Keith
WA9S

-----Original Message-----
From: lahagar1 <lahagar1@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Jun 28, 2011 8:47 am
Subject: Re: [pfr3_group] I suffer from CCWD

http://www.youtube.com/user/NG9D?feature=mhee

Can't do anything about this mental condition - CCWD -

Compulsive CW Disorder.

NG9D
Lynn

Reply to sender | Reply to group | Reply via web post | Start a New Topic
Messages in this topic (11)
Recent Activity:
New Members 1
New Photos 1
New Links 1

Visit Your Group

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.

http://www.youtube.com/user/NG9D?feature=mhee

Can't do anything about this mental condition - CCWD -

Compulsive CW Disorder.

NG9D
Lynn

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New Photos 1
New Links 1

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2776. Build Progress

Yahoo group: pfr3_group
Date: 2011-06-29 03:51:54 UTC
From: lee
Topic: 2609 Message: 2776

I mounted the crystals this evening and tested out the receiver this evening as everything else in Stage 2 was finished. I hooked a alligator clip lead from the center pin of my antenna coax and the other end to the R1 antenna connection as outlined in the Group 2 smoke test.. I can hear stations but the sensitivity is down from my operational radio. (A 20 db over S9 signal can be copied on the PFR-3). I then hooked another alligator clip lead from the coax ground to the radio ground and this did not improve signal to noise. Tuning my antenna tuner does not seem to improve signal to noise. Tuning the receiver's C1/C2 cap does peak the signal near the CCW position as expected. The received frequency seems pretty accurate compared to my desk top radio. There is plenty of audio gain. LOTS of it! I'm not sure my findings are normal for this stage of the build. The only thing I think could be wrong is a crossover of one turn on the T1 5 turn link. I had a really difficult time trying to keep this from happening when inserting T1 into the board. I am almost positive I have the 5 turn and 40 turn secondary in the proper holes. (I don't think the preselector tuning would peak with the transformer windings in the wrong holes. I was pretty careful when installing the transformer).

The side tone produced when using my paddles seem to work just fine.

That's it for this evening! I'm going to bed. I'll deal with all this tomorrow.

Lee, w0vt

2777. RE: [pfr3_group] Build Progress

Yahoo group: pfr3_group
Date: 2011-06-29 04:00:21 UTC
From: Dale Putnam
Topic: 2609 Message: 2777

It sounds like you are on the road, Lee, maybe with a winding miscounted.. but well on the way. At this point, might be that you could forge ahead, finish the build, then take a close look at the sensitivity.Congratulations for getting this far, so quickly,Have fun, and a great day,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: pulsarxp@embarqmail.com
Date: Tue, 28 Jun 2011 22:51:54 -0500
Subject: [pfr3_group] Build Progress

I mounted the crystals this evening and tested out the receiver this evening as everything else in Stage 2 was finished. I hooked a alligator clip lead from the center pin of my antenna coax and the other end to the R1 antenna connection as outlined in the Group 2 smoke test.. I can hear stations but the sensitivity is down from my operational radio. (A 20 db over S9 signal can be copied on the PFR-3). I then hooked another alligator clip lead from the coax ground to the radio ground and this did not improve signal to noise. Tuning my antenna tuner does not seem to improve signal to noise. Tuning the receiver's C1/C2 cap does peak the signal near the CCW position as expected. The received frequency seems pretty accurate compared to my desk top radio. There is plenty of audio gain. LOTS of it! I'm not sure my findings are normal for this stage of the build. The only thing I think could be wrong is a crossover of one turn on the T1 5 turn link. I had a really difficult time trying to keep this from happening when inserting T1 into the board. I am almost positive I have the 5 turn and 40 turn secondary in the proper holes. (I don't think the preselector tuning would peak with the transformer windings in the wrong holes. I was pretty careful when installing the transformer).

The side tone produced when using my paddles seem to work just fine.

That's it for this evening! I'm going to bed. I'll deal with all this tomorrow.

Lee, w0vt

2778. Re: [pfr3_group] Build Progress

Yahoo group: pfr3_group
Date: 2011-06-29 07:38:39 UTC
From: lee
Topic: 2609 Message: 2778

Just thought of something. By injecting my antenna (on the air signals) at the R1 and T1 junction, as described in the manual, for testing the receiver, you are not running the signal through Q1, the preamp transistor. Maybe this is the reason signals are down. I think I need to inject my signal at the drain of Q1 and see what kind of sensitivity I have then instead of using the R1/T1 junction mentioned in the manual. Maybe the R1/T1 injection test is not intended to determine receiver sensitivity, but rather to test if most of your receiver is working without the Q1 preamp in line. Maybe I have no problem after all. I surely can understand sensitivity will be down if the preamp transistor circuit is not in line and not being tested. I'll know more tomorrow when I hook the antenna to the drain of Q1. (I would guess my 40 turn winding on T1 is good as C1/C2 peaks the noise in the position mentioned in the manual almost fully CCW).

For kicks I did hook the antenna up to the 40 turn side of T1. The CW signals were no stronger but, as expected, the noise shot way up in loudness as there was more bandwidth of noise feeding the rest of the radio with no front end filtering, and also not having even a low pass filter in line at this point. I think maybe this was a good sign signals were easily getting through U1 and the crystal filter.

This time I am going to bed!

Lee, w0vt

I mounted the crystals this evening and tested out the receiver this evening as everything else in Stage 2 was finished. I hooked a alligator clip lead from the center pin of my antenna coax and the other end to the R1 antenna connection as outlined in the Group 2 smoke test.. I can hear stations but the sensitivity is down from my operational radio. (A 20 db over S9 signal can be copied on the PFR-3). I then hooked another alligator clip lead from the coax ground to the radio ground and this did not improve signal to noise. Tuning my antenna tuner does not seem to improve signal to noise. Tuning the receiver's C1/C2 cap does peak the signal near the CCW position as expected. The received frequency seems pretty accurate compared to my desk top radio. There is plenty of audio gain. LOTS of it! I'm not sure my findings are normal for this stage of the build. The only thing I think could be wrong is a crossover of one turn on the T1 5 turn link. I had a really difficult time trying to keep this from happening when inserting T1 into the board. I am almost positive I have the 5 turn and 40 turn secondary in the proper holes. (I don't think the preselector tuning would peak with the transformer windings in the wrong holes. I was pretty careful when installing the transformer).

The side tone produced when using my paddles seem to work just fine.

That's it for this evening! I'm going to bed. I'll deal with all this tomorrow.

Lee, w0vt

2779. Re: [pfr3_group] Build Progress

Yahoo group: pfr3_group
Date: 2011-06-29 17:09:16 UTC
From: Steven Weber
Topic: 2609 Message: 2779

>Just thought of something. By injecting my antenna (on the air signals) at the R1 and T1 junction, as described in the manual, for testing the receiver, you are not running the signal through Q1, the preamp transistor. Maybe this is the reason signals are down.

Q1 is not a pre-amp, it is the QSK switch and is a simple on/off switch which supplies no gain. The fact you can peak the Rx input means you have the coils wound and installed correctly.

The "clip lead" test is simply to show that there are no major problems with the receiver. Full sensitivity will only become apparent once the rest of the build is completed and a proper antenna connected.

KD1JV

2780. Re: [pfr3_group] Build Progress

Yahoo group: pfr3_group
Date: 2011-06-29 18:33:12 UTC
From: lee
Topic: 2609 Message: 2780

OK, thanks, Steve. Yes, I later realized Q1 is a QSK transistor as the signal went from drain to source and not through the gate. I'll keep building. Thanks again.

Lee, w0vt

>Just thought of something. By injecting my antenna (on the air signals) at the R1 and T1 junction, as described in the manual, for testing the receiver, you are not running the signal through Q1, the preamp transistor. Maybe this is the reason signals are down.

Q1 is not a pre-amp, it is the QSK switch and is a simple on/off switch which supplies no gain. The fact you can peak the Rx input means you have the coils wound and installed correctly.

The "clip lead" test is simply to show that there are no major problems with the receiver. Full sensitivity will only become apparent once the rest of the build is completed and a proper antenna connected.

KD1JV

2781. Terminology in construction manual question

Yahoo group: pfr3_group
Date: 2011-06-30 04:58:42 UTC
From: vk4zw
Topic: 2781 Message: 2781

Could somebody please confirm that the Menu and Keyer switches as mentioned in the Group2 smoke test are one in the same?

2782. Phase 1 testing

Yahoo group: pfr3_group
Date: 2011-06-30 06:15:32 UTC
From: Grant
Topic: 2782 Message: 2782

Hi guys, well it looks like my U7 is not working or perhaps wasn't programmed. I asked VK4ZW Ray to have a look at it for me as he is also building a PFR-3A and has just completed Phase 1 too. My U7 produces the same result on his PCB whereas his is perfect. I have requested a new U7 from Doug.

2783. Re: [pfr3_group] Phase 1 testing

Yahoo group: pfr3_group
Date: 2011-06-30 15:08:36 UTC
From: Steve Smith
Topic: 2782 Message: 2783

Hi Grant,

Well it's good you got it nailed down. Best of luck with the rest of the build and to Ray also.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Phase 1 testing
Date: Thu, 30 Jun 2011 06:15:32 -0000

Hi guys, well it looks like my U7 is not working or perhaps wasn't programmed. I asked VK4ZW Ray to have a look at it for me as he is also building a PFR-3A and has just completed Phase 1 too. My U7 produces the same result on his PCB whereas his is perfect. I have requested a new U7 from Doug.

2784. Power Drift

Yahoo group: pfr3_group
Date: 2011-06-30 20:16:41 UTC
From: Felipe Barco
Topic: 2784 Message: 2784

Hello!!

Well, I finished my PFR-3 a few days ago, and it is very nice! I have yet to calibrate the RX, but I think everything is fine.

Nonetheless, something is bothering me: My power output "drifts" on the 40 meters. What do I mean? It does not pull all the current needed at once.

I'm doing it with a straight key and a Dummy load. I start TX, and it gets around 2.5W. And gets "growing" until it reaches 5W after something like 4 or 5 seconds. Any idea on why this happens, and what could be causing this?

I rewound the 40M toroids, but no improvements concerning this.

On 30 and 20 Meters, this doesn't happen.

Thank you!

Regards

Felipe - PU2OVA

2785. Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-03 08:03:49 UTC
From: Ray Buck
Topic: 2785 Message: 2785

I was wondering which were the best batteries for the PFR-3, NiCad or NiMH?

Thanks,

Ray VK4ZW

2786. FOX - FOXHUNT SEASON

Yahoo group: pfr3_group
Date: 2011-07-03 14:43:58 UTC
From: Dale Putnam
Topic: 2786 Message: 2786

The 20 acre FOXHUNT Season is set to open within the week. The opening is expected to heralded in with much fanfare and fireworks preceeding the opening.Also a large number of folks will be enjoying the burnt offerings in the back yards too.All the celebrations will fade away just in time for the season opener. So, ready of not, the Season opener will be here before you know. Check out the guidlines and keep the warden happy, at: http://www.qrpfoxhunt.org See you Thursday evening (local) or Friday morning, (GMT) And one more item, for the Game Warden, since K6JSS/7 will be active this week from Wyoming, however, it is a club call and club calls aren't to be used in the Foxhunts, see the FOX page.See http://www.qrparci.org for more info and watch QRPspots for operations.

--... ...--
Dale - WC7S in Wy

2787. Re: [pfr3_group] Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-03 16:11:09 UTC
From: ckwishmeier@cs.com
Topic: 2785 Message: 2787

Personally, I do not like internal rechargeables. I just put in a fresh set of quality alkalines. Eight will give the full 12 volts for maximum 5 watts of power. Otherwise I use an external rechargeable gel cell.

Ken
WA9S

-----Original Message-----
From: Ray Buck <randrbuck@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sun, Jul 3, 2011 4:03 am
Subject: [pfr3_group] Internal Battery type?

I was wondering which were the best batteries for the PFR-3, NiCad or NiMH?

Thanks,

Ray VK4ZW

2788. Re: [pfr3_group] Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-03 16:30:49 UTC
From: f6ddv
Topic: 2785 Message: 2788

Hello everyone
Um, I'm repeating yourself, 3 cell in series of LiLion 3V6 ...
2500 to 2800 mA / h, it's free, it dismantles the batteries of laptop computers that all the world throws
at least one-half are good in, it produces packs of 3, by isolating itself.
If you do not have a special charger, a small regulator 12v (no more!) You risk nothing, and it works well,
and the pfr3 to exactly what he needs, there is good power, and IT IS FREE! and more intelligent you are participating in recycling.
73S
Jean paul F6DDV
(for the HB-1A you can use 4 cell...)
==========
----- Original Message -----
From: ckwishmeier@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, July 03, 2011 6:11 PM
Subject: Re: [pfr3_group] Internal Battery type?

Personally, I do not like internal rechargeables. I just put in a fresh set of quality alkalines. Eight will give the full 12 volts for maximum 5 watts of power. Otherwise I use an external rechargeable gel cell.

Ken
WA9S

-----Original Message-----
From: Ray Buck <randrbuck@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sun, Jul 3, 2011 4:03 am
Subject: [pfr3_group] Internal Battery type?

I was wondering which were the best batteries for the PFR-3, NiCad or NiMH?

Thanks,

Ray VK4ZW

2789. pfr3 list is very "wise"

Yahoo group: pfr3_group
Date: 2011-07-04 16:36:41 UTC
From: f6ddv
Topic: 2789 Message: 2789

Hello
The list pfr3 seems calm now
Y t there any ham radio waiting for their kit?
I'm waiting, I bought since 3 Jun and Doug had planned on 25 shipping if possible,
then maybe there are missing components,
I think it would also take a little rest.
And you have news on this side?
I wrote directly but I have no answers for now.
Maybe I'll have a new version ... H.I.
(I'm kidding a little bit of course)
73s
Jean-paul F6DDV

I've asked this question, but anyone know if it is possible to try to place the FM modulation (BPSK)?
Perhaps with a varactor circuit or other?
To receive it should be possible I think looking for the right place,
it might be an idea of evolution for this small QRP yellow.
I ask myself the same question for the HB-1A, it would be very interesting

2790. Dead tenna dipper

Yahoo group: pfr3_group
Date: 2011-07-04 22:41:02 UTC
From: KO0D
Topic: 2790 Message: 2790

A little off topic. This is one of my "motel builds'. Everything seems simple enough but when I applied power the LED started blinking. No display. I turned it off and then back on. Now nothing. Voltage regulator is working. Voltages appear correct on the ICs. The tune pot varies the voltage out of U!. The solder looks ok as far as my old eyes can tell. Any suggestions?

2791. RE: [pfr3_group] Dead tenna dipper

Yahoo group: pfr3_group
Date: 2011-07-05 01:42:55 UTC
From: Dale Putnam
Topic: 2790 Message: 2791

I haven't built mine yet, but if you want, I'll fix it for you.. no cost, just the shipping....OR if you want we can work through it together, you with it... and I'll build mine same time...??

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: jbmcmichael@...
Date: Mon, 4 Jul 2011 22:41:02 +0000
Subject: [pfr3_group] Dead tenna dipper

A little off topic. This is one of my "motel builds'. Everything seems simple enough but when I applied power the LED started blinking. No display. I turned it off and then back on. Now nothing. Voltage regulator is working. Voltages appear correct on the ICs. The tune pot varies the voltage out of U!. The solder looks ok as far as my old eyes can tell. Any suggestions?

2792. Re: [pfr3_group] Dead tenna dipper

Yahoo group: pfr3_group
Date: 2011-07-05 02:08:13 UTC
From: Steve Smith
Topic: 2790 Message: 2792

Howdy,

Not much to wrong there. If you have +5V at U2, with a local receiver, check for clock 'noises' at 10.0 MHz. If no 10 MHz then, as the troubleshooting procedure says, check for bent-over U2 I.C. pins. You'll have to remove U2 to check that. If all that looks good then it's probably U2. There have been some problems with the uPs in the PFR3A lately. Maybe that malady has struck the Deluxe Tenna Dipper. Hope not but it's sure looking that way from your description.

Best of luck with the troubleshooting.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "KO0D" <jbmcmichael@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Dead tenna dipper
Date: Mon, 04 Jul 2011 22:41:02 -0000

A little off topic. This is one of my "motel builds'. Everything seems simple enough but when I applied power the LED started blinking. No display. I turned it off and then back on. Now nothing. Voltage regulator is working. Voltages appear correct on the ICs. The tune pot varies the voltage out of U!. The solder looks ok as far as my old eyes can tell. Any suggestions?

2793. Re: [pfr3_group] pfr3 list is very "wise"

Yahoo group: pfr3_group
Date: 2011-07-05 03:58:21 UTC
From: Steven Weber
Topic: 2789 Message: 2793

I've asked this question, but anyone know if it is possible to try to place the FM modulation (BPSK)?

It is possible if you want to write new firmware for the DDS chip and a means of talking to the processor via some kind of vertual serial port inputed via the paddle jack ports, since none other are available. Would be quite a software project to undertake...

Steve KD1JV

2794. Re: [pfr3_group] Dead tenna dipper

Yahoo group: pfr3_group
Date: 2011-07-05 04:06:33 UTC
From: Steven Weber
Topic: 2790 Message: 2794

If you had to bend the pins of the processor chip (the tiny2313) to make it fit into the socket, then it wasn't programmed. Doug apparently had a tube of unprogrammed chips accidently mixed in with the programmed ones.

You can either ask Doug to send you a new processor, or send the one you have to me to be programmed.

Steve KD1JV

>A little off topic. This is one of my "motel builds'. Everything seems
>simple enough but when I applied power the LED started blinking. No
>display. I turned it off and then back on. Now nothing. Voltage regulator
>is working. Voltages appear correct on the ICs. The tune pot varies the
>voltage out of U!. The solder looks ok as far as my old eyes can tell. Any
>suggestions?

2795. Re: [pfr3_group] pfr3 list is very "wise"

Yahoo group: pfr3_group
Date: 2011-07-05 14:25:27 UTC
From: f6ddv
Topic: 2789 Message: 2795

Hello Steve
Thank you for agreeing to meet me on the subject
I can not write a new program is much higher than my compétances, I thought more simply, once a carrier (by reducing a little power, of course) try to Schifter oscillator with some modifications with the audio signal a sound card from a PC or modem NuePsk the right, and also to find the right place before the LF amplifier in reception.
re write the program is very difficult
Maybe already assembling in one place you can get a signal that is usable by a soft HRD or other ...
Maybe I dream a little, but I thought it was possible to reflect quietly on this diagram.
I thought already to look closely at the HB-1A for this ...
73S
Jean paul F6DDV

----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Tuesday, July 05, 2011 5:58 AM
Subject: Re: [pfr3_group] pfr3 list is very "wise"
☐

I've asked this question, but anyone know if it is possible to try to place the FM modulation (BPSK)?

It is possible if you want to write new firmware for the DDS chip and a means of talking to the processor via some kind of vertual serial port inputed via the paddle jack ports, since none other are available. Would be quite a software project to undertake...

Steve KD1JV

2796. Re: [pfr3_group] pfr3 list is very "wise"

Yahoo group: pfr3_group
Date: 2011-07-05 16:31:21 UTC
From: Steven Weber
Topic: 2789 Message: 2796

It is not possible to modulate a CW rig like the PFR-3A or HB-1A directly via a PC sound card. This can only be done with a SSB rig.

However, it is possable to produce PSK-31 with a CW type transmitter if sufficent additional circuitry is added. An example of such a transmitter is on my web page here http://kd1jv.qrpradio.com/PSKV3/PSKV3.htm

The disadvantage of the above transmitter is that it lacks ease of "point and click" frequency adjustment everyone has become accustomed to when using PC based digital mode software.

In theory, the use of the DDS ocillator in the PFR-3A, HB-1A and KX1 for that matter could allow the generation of pretty much any digital mode you can think of. However, there are two significant problems in doing so. (BTW, if you compare the circuit of the HB-1A to my ATS-3 rig and the Elecraft KX1, there are remarkable simularities..)

The first problem is of course, all the new firmware which needs to be written to suport those modes. It is unlikely the processors currently used it those rigs have sufficent program memory to allow the addition of the extra programming, so chips with bigger memory sizes would need to be subsituted, though that isn't really a big deal.

The second problem is that common PC based digital mode software will not work directy with a DDS based digital mode rig, as direct control of the DDS chip is needed.

The above problems were addressed and solved by Volteck, OK1IAK, for my ATS-3B and ATS-4 series rigs. Volteck wrote firmware for the processor used in the ATS rig to produce several digital modes with the DDS oscillator and a means of controlling it via an audio frequency based PC soundcard modem. The program is called "Pocketdigi".

So, now you might ask, why can't the firmware written for the ATS rigs be ported to the PEF-3A to allow for digital modes? The answer is that the type of processor used in the ATS rig has features which makes the AF modem reasonably easy to implement and the AVR processor used in the PFR rig does not.

72, Steve KD1JV

Hello Steve
Thank you for agreeing to meet me on the subject
I can not write a new program is much higher than my compétances, I thought more simply, once a carrier (by reducing a little power, of course) try to Schifter oscillator with some modifications with the audio signal a sound card from a PC or modem NuePsk the right, and also to find the right place before the LF amplifier in reception.
re write the program is very difficult
Maybe already assembling in one place you can get a signal that is usable by a soft HRD or other ...
Maybe I dream a little, but I thought it was possible to reflect quietly on this diagram.
I thought already to look closely at the HB-1A for this ...

73S
Jean paul F6DDV

2797. Re: [pfr3_group] PSK ...

Yahoo group: pfr3_group
Date: 2011-07-05 20:39:18 UTC
From: f6ddv
Topic: 2797 Message: 2797

re hello Steve
So I can tell you that I do not regret having asked a question a bit ridiculous,
because you say so clearly that it is a pleasure to read.
The link you gave an error, but I just got back to your website and I think I'll have plenty to read quietly,
it's really impressive, and do not say this just to please you ... there is a mountain of interesting things.
The idea of adding a circuit for PSK within a small QRP takes a lot for me to study before making but an interesting idea,
I just may be to quickly understand that we must build QRP TX only one for that, simple as editing a pfr3 or HB1-A ...
H.I.
In fact I had completely forgotten the famous "pocketdigi" and yet some French friends have told me that it works very well.
I do not know if my HP Ipacq RZ1710 can work with, I think so, but it's still hard interface which creates problems in general.
Thank you for your explanations
73S
Jean-Paul F6DDV

----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Tuesday, July 05, 2011 6:31 PM
Subject: Re: [pfr3_group] pfr3 list is very "wise"
☐

It is not possible to modulate a CW rig like the PFR-3A or HB-1A directly via a PC sound card. This can only be done with a SSB rig.

However, it is possable to produce PSK-31 with a CW type transmitter if sufficent additional circuitry is added. An example of such a transmitter is on my web page here http://kd1jv.qrpradio.com/PSKV3/PSKV3.htm

The disadvantage of the above transmitter is that it lacks ease of "point and click" frequency adjustment everyone has become accustomed to when using PC based digital mode software.

In theory, the use of the DDS ocillator in the PFR-3A, HB-1A and KX1 for that matter could allow the generation of pretty much any digital mode you can think of. However, there are two significant problems in doing so. (BTW, if you compare the circuit of the HB-1A to my ATS-3 rig and the Elecraft KX1, there are remarkable simularities..)

The first problem is of course, all the new firmware which needs to be written to suport those modes. It is unlikely the processors currently used it those rigs have sufficent program memory to allow the addition of the extra programming, so chips with bigger memory sizes would need to be subsituted, though that isn't really a big deal.

The second problem is that common PC based digital mode software will not work directy with a DDS based digital mode rig, as direct control of the DDS chip is needed.

The above problems were addressed and solved by Volteck, OK1IAK, for my ATS-3B and ATS-4 series rigs. Volteck wrote firmware for the processor used in the ATS rig to produce several digital modes with the DDS oscillator and a means of controlling it via an audio frequency based PC soundcard modem. The program is called "Pocketdigi".

So, now you might ask, why can't the firmware written for the ATS rigs be ported to the PEF-3A to allow for digital modes? The answer is that the type of processor used in the ATS rig has features which makes the AF modem reasonably easy to implement and the AVR processor used in the PFR rig does not.

72, Steve KD1JV

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I can not write a new program is much higher than my compétances, I thought more simply, once a carrier (by reducing a little power, of course) try to Schifter oscillator with some modifications with the audio signal a sound card from a PC or modem NuePsk the right, and also to find the right place before the LF amplifier in reception.
re write the program is very difficult
Maybe already assembling in one place you can get a signal that is usable by a soft HRD or other ...
Maybe I dream a little, but I thought it was possible to reflect quietly on this diagram.
I thought already to look closely at the HB-1A for this ...
73S
Jean paul F6DDV

2798. Re: [pfr3_group] PSK ...

Yahoo group: pfr3_group
Date: 2011-07-05 21:35:43 UTC
From: Steven Weber
Topic: 2797 Message: 2798

Opps, sorry, should have been version 2. The corrected link is below. Version 3 hasn't been added yet. V3 eliminates the audio input circuits and subsitutes a uP (a MEGA48) to directly modultate the PA using a D/A converter and control the phase shift XOR gate. This produces true PSK-31 modulation directly using either a keyboard or Morse inputted via a paddle. Kind of neat actually...

>The link you gave an error, but I just got back to your website and I think I'll have plenty to read quietly,
http://kd1jv.qrpradio.com/PSKV2/PSKV2.htm

2799. Re: [pfr3_group] PSK ...

Yahoo group: pfr3_group
Date: 2011-07-06 09:08:12 UTC
From: f6ddv
Topic: 2797 Message: 2799

Hello Steven
Oh, but it is a gem ... and there are positive to the citrcuit printed.
Ah, I recognize the PA with 3 BS170 ... (5 W, no doubt)
I still did not understand everything on the operation, but must also make the CW (which can be less ... HI)
possible or not to connect a modern soft? , Sorry I look quickly at the moment, it's clean and well ...

All right, I put everything in Word, captured copy / paste in English and translated into French, and the PDF with the printed circuit ...
So it will be a project for the future ...

what I like is that the components are standard I think.But we must give it to Doug to sell in kit! HI
to look closely ... I do not know if a lot of ham radio built?
In addition it is not very big I think.
Well, I also have the PSK Naked surely you know that's why I wanted to make a change. in QRP,
but hey, too simple in my mind, thankfully you have tidied ... HI
I will study more carefully because this assembly looks very interesting, and simple compared to what is seen
as a kit around with a bunch of surface components.

73S
Jean paul F6DDV

----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Tuesday, July 05, 2011 11:35 PM
Subject: Re: [pfr3_group] PSK ...

☐

Opps, sorry, should have been version 2. The corrected link is below. Version 3 hasn't been added yet. V3 eliminates the audio input circuits and subsitutes a uP (a MEGA48) to directly modultate the PA using a D/A converter and control the phase shift XOR gate. This produces true PSK-31 modulation directly using either a keyboard or Morse inputted via a paddle. Kind of neat actually...

>The link you gave an error, but I just got back to your website and I think I'll have plenty to read quietly,
http://kd1jv.qrpradio.com/PSKV2/PSKV2.htm

2800. Re: [pfr3_group] pfr3 kit on the table !

Yahoo group: pfr3_group
Date: 2011-07-07 11:11:23 UTC
From: f6ddv
Topic: 2800 Message: 2800

Hello friends list
The kit pfr3 is on the table! Finally ...
OK in my letter box today shipped on June 25? ...
No, just kidding, you know me a little now, there was the backlog and problems for some items I think ...
Now it only remains to prepare the components in small boxes and then build slowly ...

Thanks Doug
Jean Paul F6DDV

2801. RE: [pfr3_group] pfr3 kit on the table !

Yahoo group: pfr3_group
Date: 2011-07-07 11:17:25 UTC
From: Dale Putnam
Topic: 2800 Message: 2801

Hello Jean Paul, The new builds (PFR3) go rather well, just go carefully, and soldering is important,Winding the toroids need to be followed closely, and then inserting them into the board,need close attention too.Good luck and have fun, it is a great kit, hot rx, and solid tx.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: f6ddv@wanadoo.fr
Date: Thu, 7 Jul 2011 13:11:23 +0200
Subject: Re: [pfr3_group] pfr3 kit on the table !

☐

Hello friends list
The kit pfr3 is
on the table! Finally ...
OK in
my letter box today shipped on
June 25? ...
No, just kidding,
you know me a
little now,
there was the backlog and
problems for some items I
think ...
Now it only remains to prepare the components in
small boxes and
then build slowly ...

Thanks Doug
Jean Paul F6DDV

2802. Re: [pfr3_group] pfr3 kit on the table !

Yahoo group: pfr3_group
Date: 2011-07-07 12:53:22 UTC
From: ckwishmeier@cs.com
Topic: 2800 Message: 2802

Jean Paul,

Just a note regarding the torroids. I did NOT hot glue (or any other special attachment) the torroids to the board. All I did was pull the wires from the torroids as snug as possible. I have been using my PFR-3A outside in the field as well as in the home shack for over a year. It is rock stable and except for running out of battery power has never let me down. I take responsibility for the batteries!

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Jul 7, 2011 7:23 am
Subject: RE: [pfr3_group] pfr3 kit on the table !

Hello Jean Paul,
The new builds (PFR3) go rather well, just go carefully, and soldering is important,
Winding the toroids need to be followed closely, and then inserting them into the board,
need close attention too.
Good luck and have fun, it is a great kit, hot rx, and solid tx.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Thu, 7 Jul 2011 13:11:23 +0200
Subject: Re: [pfr3_group] pfr3 kit on the table !

☐
Hello friends list
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OK in my letter box today shipped on June 25? ...
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Now it only remains to prepare the components in small boxes and then build slowly ...

Thanks Doug
Jean Paul F6DDV

2803. Re: [pfr3_group] pfr3 kit on the table !

Yahoo group: pfr3_group
Date: 2011-07-07 13:00:35 UTC
From: f6ddv
Topic: 2800 Message: 2803

Hello Dale
Yes, I agree with what you write
after reading many testimonies of ham radio on this kit, it is logical to conclude that if the manufacturer Ham R.
is careful and soda properly, it works the first time.
Looking closely with the big magnifying glass, the printed circuit board is of the highest professional quality.
Most likely to succeed with a kit like this one
All 73s
Jean-Paul F6DDV
----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Thursday, July 07, 2011 1:17 PM
Subject: RE: [pfr3_group] pfr3 kit on the table !

Hello Jean Paul,
The new builds (PFR3) go rather well, just go carefully, and soldering is important,
Winding the toroids need to be followed closely, and then inserting them into the board, need close attention too.
Good luck and have fun, it is a great kit, hot rx, and solid tx.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Thu, 7 Jul 2011 13:11:23 +0200
Subject: Re: [pfr3_group] pfr3 kit on the table !
☐
Hello friends list
The kit pfr3 is on the table! Finally ...
OK in my letter box today shipped on June 25? ...
No, just kidding, you know me a little now, there was the backlog and problems for some items I think ...
Now it only remains to prepare the components in small boxes and then build slowly ...

Thanks Doug
Jean Paul F6DDV

2804. Re: [pfr3_group] pfr3 kit on the table !

Yahoo group: pfr3_group
Date: 2011-07-07 13:11:17 UTC
From: f6ddv
Topic: 2800 Message: 2804

Well OK Keith
I think hot glue is not always the best
I much prefer a piece of non-magnetic sheet foam adhesive double-sided,
I am wary of the constraints and mechanical thermal units with hot glue or resins on parts of radio electronics.
I found problems in some fixtures.
But if we fast and we do not put too many of these products it can go well.
73S
Jean-Paul F6DDV

----- Original Message -----
From: ckwishmeier@...
To: pfr3_group@yahoogroups.com
Sent: Thursday, July 07, 2011 2:53 PM
Subject: Re: [pfr3_group] pfr3 kit on the table !

Jean Paul,

Just a note regarding the torroids. I did NOT hot glue (or any other special attachment) the torroids to the board. All I did was pull the wires from the torroids as snug as possible. I have been using my PFR-3A outside in the field as well as in the home shack for over a year. It is rock stable and except for running out of battery power has never let me down. I take responsibility for the batteries!

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Jul 7, 2011 7:23 am
Subject: RE: [pfr3_group] pfr3 kit on the table !

Hello Jean Paul,
The new builds (PFR3) go rather well, just go carefully, and soldering is important,
Winding the toroids need to be followed closely, and then inserting them into the board, need close attention too.
Good luck and have fun, it is a great kit, hot rx, and solid tx.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Thu, 7 Jul 2011 13:11:23 +0200
Subject: Re: [pfr3_group] pfr3 kit on the table !

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Hello friends list
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OK in my letter box today shipped on June 25? ...
No, just kidding, you know me a little now, there was the backlog and problems for some items I think ...
Now it only remains to prepare the components in small boxes and then build slowly ...

Thanks Doug
Jean Paul F6DDV

2805. Re: [pfr3_group] Build Progress (L7)

Yahoo group: pfr3_group
Date: 2011-07-08 01:38:37 UTC
From: lee
Topic: 2609 Message: 2805

I had a little time last night and today and worked on my PFR-3 build.
Last night I epoxied a 1/4 inch x 1/16th inch piece of brass sock to each of the three BS 170 output transistors as heat sinks. (I bought the brass stock at my local hobby store.) This went very nicely. I got the idea from the Scorpians Tuthill 80 kit which uses two BS 170 transistors in their design,
Today I installed the transistors with their heat sinks on the pc board. The instructions then tell you to test the transmitter build at this point without installing L7. (This keeps power off of the output transistors during the test). I have not done the test yet, but I did wind the 8 turns of wire on the L7 core and put it aside until I do the test without it being installed.
That said, I am a little confused about L7. In every kit or project I have built, a turn on a core is considered accomplished every time you put a wire through the core's donut hole. If you do this for this project and wind 8 turns (8 passes through the donut core), you wind up with a wire end on the outside of the core and a wire end on the inside of the core with both ends on one of the flat sides of the donut. Most pc boards I have encountered account for this by staggering the two wire holes so one hole is close the the inner perimeter of the core and the other hole is near the outer perimeter of the core. Not so with this board. To make things less handy or understandable, the manual's pictorial shows the two wires passing over the top flat side of the core and then they go down into the two pc board holes. This cannot happen as outlined above. If the pc board holes are not staggered, as they are not on this board, then the manual pictorial should have one of the wires shown as a "dotted line" indicating the wire lies between the flat core inner perimeter and the pc board hole near the outer parameter and the other wire drawn as shown on the present pictorial.
I am pretty sure I know how to mount this L7 core (choke), but frankly, the instruction's pictorial is not drawn correctly and one L7 board hole could be in a better place or position. (staggered). I think the instructions would be very confusing to a newer type builder. (Sorry for being a PITA).
Lee, w0vt

2806. Re: [pfr3_group] Build Progress (L7)

Yahoo group: pfr3_group
Date: 2011-07-08 01:52:55 UTC
From: lee
Topic: 2609 Message: 2806

The brass stock I used was cut into 3/4 inch long strips of 1/4 x 1/16th inch thick stock

Lee, w0vt

From: lee
Sent: Thursday, July 07, 2011 8:38 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Build Progress (L7)

I had a little time last night and today and worked on my PFR-3 build.

Last night I epoxied a 1/4 inch x 1/16th inch piece of brass sock to each of the three BS 170 output transistors as heat sinks. (I bought the brass stock at my local hobby store.) This went very nicely. I got the idea from the Scorpians Tuthill 80 kit which uses two BS 170 transistors in their design,

2807. Low Power

Yahoo group: pfr3_group
Date: 2011-07-08 03:16:47 UTC
From: Felipe Barco
Topic: 821 Message: 2807

Hello, all.

Last week, I wrote about my PFR-3's Power Out drifting on 40M.

Speaking to Mr. Weber, he confirmed what I thought. Could be a bad capacitor on the LPF.

I changed all caps. One at a time, from C60 to C63.

When I changed C61, Power Out improved in something like 0.5W. But it was still drifting.

When I changed C63, the drift not only continued, but now I have 1.5W on all bands.

BS170 are Stable, and 12V (actually, 11.8V) are being drawn on TX.

The interesting thing is that testing with a Probe, the capacitors are showing a value similar to what I used to have on the Dummy Load for testing the Power Out.

First, I had a trouble that no one could solve. Now I just changed a cap and this happens.

If I can't solve this soon, I think I'm gonna quit.

I'm no electronics engineer, and here in Brazil this kit costs a lot. Now I'm having troubles that nobody knows what to do.

If you can, please, give me a light.

Thank you

Felipe - PU2OVA

2808. RF Output Filter Capacitors

Yahoo group: pfr3_group
Date: 2011-07-08 03:42:02 UTC
From: lee
Topic: 2609 Message: 2808

Talking about output filter caps, maybe my question might be best served by hearing from Steve. Others might comment on this.
I have heard from time to time low pass filter caps that are silver micas give better performance then mono caps. Ever since reading this, I have always been partial to silver micas here. I know they cost more. I have never heard negatives about using silver micas in a low pass filter. From time to time you read where someone has replaced the mono caps in a low pass filter circuit with silver micas and improved RF output. I've been using silver micas a lot here, but maybe just out of fear.
That said, I'm wondering if Steve ever did a study on this for PFR-3 rigs. I'm thinking seriously of putting them in my build. I have not decided to do this for sure but am seriously thinking about doing it. Anyone have any comments or experience on this subject?
Lee, w0vt

2809. Heat Sinks

Yahoo group: pfr3_group
Date: 2011-07-08 03:17:36 UTC
From: lee
Topic: 2809 Message: 2809
Attachments: 1 described; binary payloads are missing from this source WARC

Here is a picture of my three BS 170 heat sinks.

Lee, w0vt

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2810. BS170 Heat Sinks

Yahoo group: pfr3_group
Date: 2011-07-08 03:50:44 UTC
From: lee
Topic: 2609 Message: 2810

I took some pictures of my BS170 heat sinks but have no idea how to post it/them on our Yahoo group site. (I tried once and gave up). If anyone would want to post it/them for me, I'd send the photos on to that person or anyone else wanting to see how they came out.
I was very careful to make sure the height of the heat sinks were no higher then any other components on the board so they would clear the front panel when attaching the board to the front panel and at the same time not interfere with any other parts or short out any other parts on the board.
Lee, w0vt
pulsarxp@...

2811. Re: [pfr3_group] BS170 Heat Sinks

Yahoo group: pfr3_group
Date: 2011-07-08 12:29:53 UTC
From: f6ddv
Topic: 2609 Message: 2811

Hello everyone
I'm not sure, but I think it's Steve who wrote it, it seems that these small MOS do not support large RF feedback,
and it's not the temperature that will destroy them, but a excess of HF.
I was surprised to see the DC30B over 1W RF (in continuous carrier) and the transistor is not even at 30 ° C temperature ...
I was stunned a year ago.
3866 is already a hot with that power.
So I expect to have further confirmation, but maybe put a cooler on the transistor that does not have the metal body,
is not very useful, maybe add capacitors are metal bodies and radiate is not a quick fix?
May be that if a manufacturer
had a metal equivalent MOS transistor designed for a cooler that would be different, it's just a question of me,
I await the reaction of people more competitive than me.
Maybe I should put myself coolers to reassure me ... H.I.
73S
Jean-Paul F6DDV

From: lee
To: pfr3_group@yahoogroups.com
Sent: Friday, July 08, 2011 5:50 AM
Subject: [pfr3_group] BS170 Heat Sinks

I took some pictures of my BS170 heat sinks but have no idea how to post it/them on our Yahoo group site. (I tried once and gave up). If anyone would want to post it/them for me, I'd send the photos on to that person or anyone else wanting to see how they came out.

I was very careful to make sure the height of the heat sinks were no higher then any other components on the board so they would clear the front panel when attaching the board to the front panel and at the same time not interfere with any other parts or short out any other parts on the board.

Lee, w0vt
pulsarxp@...

2812. Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-10 00:04:46 UTC
From: Ray Buck
Topic: 2785 Message: 2812

Ken,

Thank you for your reply. I am a little wary of using internal rechargeable batteries but was interested in what others were doing. I will be using a series diode to drop the voltage when I use an external gel cell..

Thanks once again.

Ray VK4ZW

--- In pfr3_group@yahoogroups.com, ckwishmeier@... wrote:
>
>
> Personally, I do not like internal rechargeables. I just put in a fresh set of quality alkalines. Eight will give the full 12 volts for maximum 5 watts of power. Otherwise I use an external rechargeable gel cell.
>
> Ken
> WA9S
>
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>
> -----Original Message-----
> From: Ray Buck <randrbuck@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Sun, Jul 3, 2011 4:03 am
> Subject: [pfr3_group] Internal Battery type?
>
>
>
>
>
> I was wondering which were the best batteries for the PFR-3, NiCad or NiMH?
>
> Thanks,
>
> Ray VK4ZW
>

2813. Re: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-10 09:24:34 UTC
From: f6ddv
Topic: 2785 Message: 2813

Hello Ray an alls
I do not like either the internal battery cell, because it is difficult to find good quality, there is much to write about it, the batteries 1.5 v will be more effective, but expensive and c ' is wasteful.
The 8 cell battery 1.2 v long time will not 12v,
pfr3 but works well below I think.
The NICD has a chemical memory but were better than the current NIMH who lose their charge without being used, and there are plenty of poor quality, written in 2500 and 2800 mA / h and do not keep their promises (unless you buy the good batteries or other aviation model, but not the same size)
I do not like boxes with springs and chrome steel contacts because the contact resistance x 2 times the number of batteries, trying to make a real measure on the power cells work and you will see that very soon there are volt go into heat or salt production, (or you weld of good models)
(I have a lot of these couplers cells give to friends, or just good for quick testing) in the analysis of antennas MFJ I have removed and welded 3 cell LiIon 3.6-v PC as well.
Personally, for PFR3 would put a block of 3 cell LiPo (Lithium Polymer) 11.1 volts 20C outside 1900mA / h or better 5000mA / h battery charger adapted, you will be satisfied, it gives a good 12v long without any problems.
(Note that 800 mA fuse required> 1 A max! And if you can diode in reverse parallel to protect against polarity error ...)
Voila, I'm a little too demanding about the quality can be, because if the contacts are in good condition and checked and cleaned, it can work quite well ... H.I. (it's just my opinion)
All 73S
Jean-Paul F6DDV

----- Original Message -----
From: Ray Buck
To: pfr3_group@yahoogroups.com
Sent: Sunday, July 10, 2011 2:04 AM
Subject: [pfr3_group] Re: Internal Battery type?

Ken,

Thank you for your reply. I am a little wary of using internal rechargeable batteries but was interested in what others were doing. I will be using a series diode to drop the voltage when I use an external gel cell..

Thanks once again.

Ray VK4ZW

--- In pfr3_group@yahoogroups.com, ckwishmeier@... wrote:
>
>

> Personally, I do not like internal rechargeables. I just put in a fresh set of quality alkalines. Eight will give the full 12 volts for maximum 5 watts of power. Otherwise I use an external rechargeable gel cell.
>
> Ken
> WA9S
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> -----Original Message-----
> From: Ray Buck <randrbuck@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Sun, Jul 3, 2011 4:03 am
> Subject: [pfr3_group] Internal Battery type?
>
>
>
>
> I was wondering which were the best batteries for the PFR-3, NiCad or NiMH?
>
> Thanks,
>
> Ray VK4ZW
>

2814. Re: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-11 15:12:17 UTC
From: Steve
Topic: 2785 Message: 2814

I'm working on switching to the Sanyo eneloop cells for their very low self-discharge properties. I've been frustrated with a series of "no name" high capacity NiMH batteries purchased over the last several years that self discharge to non-useful in a month or two! I guess you get what you pay for....

The standard AA Sanyo eneloop battery is rated at "2000 mAh typical capacity and 1900 mAh minimum capacity and up to 1500 charge/discharge cycles". These are NiMH chemistry, but are rated to retain 75% of their charge after three years.

Sanyo introduced the XX version of the eneloop battery last Fall, rated at 2500/2400 mAh, but with a 500 cycle rating and 75% capacity after 1 year, so there is a slightly higher capacity alternative with relatively low self-discharge properties. I have not tried these.

http://www.eneloop.info/products/batteries.html

Ultimately, I'm looking at devices now powered with lithium chemistry batteries.

Steve
aa8af

On 7/10/2011 5:24 AM, f6ddv wrote:

The NICD has a chemical memory but were better than the current NIMH who lose their charge without being used, and there are plenty of poor quality, written in 2500 and 2800 mA / h and do not keep their promises (unless you buy the good batteries or other aviation model, but not the same size)

_____
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2815. Re: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-11 17:37:59 UTC
From: lee
Topic: 2785 Message: 2815

Steve,
I too have had problems with the the high capacity no name NIMH batteries holding a charge in other devices. Very disappointing. I've also been thinking about using the Sanyo eneloop 2500 mAh batteries now available but maybe trying to shoe horn in 10 of the cells instead of 8 into the PFR-3. My PFR-3 is not complete, so I am not sure 10 cells will fit, but hope they would fit. My thought was to use the two supplied 4 cell holders in addition to another 2 cell holder if all will fit "under the hood". The only problem with this approach is it would be better to remove used up cells and recharge them in parallel instead of series. I don't like the thought of removing cells each time for charging from the cheap plastic battery holders or having to take the cover off the rig each time they need charging. I think that approach would cause the cell holders to fail fairly quickly. Having a little shorter life by charging in series and not removing the cells appeals to me a lot. If I don't do either, I'll probably live with my "outboard" 7 amp gel cell.
The Sanyo 2500 eneloop batteries are not cheap, but probably well worth their cost of around $6.50 each. With 500 recharges, that price does not seem exorbitant.
The La Crosse Technology battery chargers also look great but can only be used if the cells are plugged into the charger in parallel configuration. I bet the Sanyo batteries would hold up well if used with this really smart charger. If nothing else, it would tell you which cell is failing and you could remove it from service before it helped bring down other cells. Again, the only bad thing here is the cells need to be removed from the rig for charging. I don't believe the cell holders would hold up well to constant cell removal.
Lee, w0vt

I'm working on switching to the Sanyo eneloop cells for their very low self-discharge properties. I've been frustrated with a series of "no name" high capacity NiMH batteries purchased over the last several years that self discharge to non-useful in a month or two! I guess you get what you pay for....

The standard AA Sanyo eneloop battery is rated at "2000 mAh typical capacity and 1900 mAh minimum capacity and up to 1500 charge/discharge cycles". These are NiMH chemistry, but are rated to retain 75% of their charge after three years.

Sanyo introduced the XX version of the eneloop battery last Fall, rated at 2500/2400 mAh, but with a 500 cycle rating and 75% capacity after 1 year, so there is a slightly higher capacity alternative with relatively low self-discharge properties. I have not tried these.

http://www.eneloop.info/products/batteries.html

Ultimately, I'm looking at devices now powered with lithium chemistry batteries.

Steve
aa8af

2816. Re: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-11 18:02:16 UTC
From: Steve Smith
Topic: 2785 Message: 2816

IMO, it's hard to beat plain old NiCds.

73.......Steve Smith WB6TNL

2817. Re: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-11 18:56:51 UTC
From: lee
Topic: 2785 Message: 2817

Steve,

I have heard the rule of thumb for power loss in regular mAh batteries is 10% loss per week. Not very acceptable for a flashlight in your glove box. I guess OK if you plan to use up all the energy stored quickly. I no longer consider NICD as I don’t want to deal with cell memory. I think the Sanyo eneloop are the best choice today although the old clunky 12 volt gel cell for $20 new are really hard to beat if you don’t have to have compactness. 2500 mAh eneloop at $6.50 each comes to around 13 cents per charge per cell. That times 8 = $1.04 per charge or times 10 = $1.30 per charge. This sure beats the cost of alkaline unless you consider you only need 8 alkaline cells for 12 volts vs 10 cells with the others. However, alkalizes “sag” voltage as they discharge whereas the other have a pretty good knee before they sag. A lithium-ion 11.2 volt @ 4400mAh battery will cost around $70.00. They supposedly lose around 5% to 10% of charge per month and also like other types, degrade over time. I think you can charge them from a depleted state faster and safely more so then other types. Right now, their price seems too steep for me compared to the Sanyo eneloop batteries. I guess it all comes down to personal preference as there is no free lunch. Pluses and minuses for all. I guess what is important to you is the most important factor when selecting an appropriate battery type. I’m going to try the eneloop type next.

Lee, w0vt

I'm working on switching to the Sanyo eneloop cells for their very low self-discharge properties. I've been frustrated with a series of "no name" high capacity NiMH batteries purchased over the last several years that self discharge to non-useful in a month or two! I guess you get what you pay for....

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Sanyo introduced the XX version of the eneloop battery last Fall, rated at 2500/2400 mAh, but with a 500 cycle rating and 75% capacity after 1 year, so there is a slightly higher capacity alternative with relatively low self-discharge properties. I have not tried these.

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The NICD has a chemical memory but were better than the current NIMH who lose their charge without being used, and there are plenty of poor quality, written in 2500 and 2800 mA / h

and do not keep their promises (unless you buy the good batteries or other aviation model, but not the same size)

2818. Re: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-11 19:36:42 UTC
From: ckwishmeier@cs.com
Topic: 2785 Message: 2818

Steve and Lee,

I had intermitent connection problems with the end to end battery holders that came with my PFR-3A. I switched to two-four cell units that have the batteries side by side and have had no further problems. It would be tight but you might be able to add an additional two cell unit.

Keith
WA9S

-----Original Message-----
From: lee <pulsarxp@embarqmail.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Jul 11, 2011 1:38 pm
Subject: Re: [pfr3_group] Re: Internal Battery type?

Steve,

I too have had problems with the the high capacity no name NIMH batteries holding a charge in other devices. Very disappointing. I've also been thinking about using the Sanyo eneloop 2500 mAh batteries now available but maybe trying to shoe horn in 10 of the cells instead of 8 into the PFR-3. My PFR-3 is not complete, so I am not sure 10 cells will fit, but hope they would fit. My thought was to use the two supplied 4 cell holders in addition to another 2 cell holder if all will fit "under the hood". The only problem with this approach is it would be better to remove used up cells and recharge them in parallel instead of series. I don't like the thought of removing cells each time for charging from the cheap plastic battery holders or having to take the cover off the rig each time they need charging. I think that approach would cause the cell holders to fail fairly quickly. Having a little shorter life by charging in series and not removing the cells appeals to me a lot. If I don't do either, I'll probably live with my "outboard" 7 amp gel cell.

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Lee, w0vt

I'm working on switching to the Sanyo eneloop cells for their very low self-discharge properties. I've been frustrated with a series of "no name" high capacity NiMH batteries purchased over the last several years that self discharge to non-useful in a month or two! I guess you get what you pay for....

The standard AA Sanyo eneloop battery is rated at "2000 mAh typical capacity and 1900 mAh minimum capacity and up to 1500 charge/discharge cycles". These are NiMH chemistry, but are rated to retain 75% of their charge after three years.

Sanyo introduced the XX version of the eneloop battery last Fall, rated at 2500/2400 mAh, but with a 500 cycle rating and 75% capacity after 1 year, so there is a slightly higher capacity alternative with relatively low self-discharge properties. I have not tried these.

http://www.eneloop.info/products/batteries.html

Ultimately, I'm looking at devices now powered with lithium chemistry batteries.

Steve
aa8af

2819. Re: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-11 19:43:46 UTC
From: f6ddv
Topic: 2785 Message: 2819

Hello Steve
It's good that the NIMH study Sayo better, because I'm a little angry with many brands of this type do not keep their promises written on the cell NIMH batteries.
the limit, the NICD, despite their lack of memory chemical (it was simply meet full discharge cycles), but it is difficult to explain this to many users who are unfamiliar with the subject of batteries.
It is also difficult to understand the balance of each cell must be identical.
If you want cell batteries that retain their best and give a good volt power must be of interest to cell LiIon or LiPo (3.6 and 3.7 volts) must also balance them, it's the same principle but c is more delicate and more dangerous in case of accident or mechanical courcircuit or surcharche of elements, it can just explode and spread the fire! we must not forget the fuse ... because the power in a few seconds can be huge!
You need a charger called balanced Charger
Thus, for 12 v, 3 cell are correct and there are 2 large output cables and also for balancing four small cables connected to each element.
No room for "anything", but a lot of satisfaction in the end, it is very effective if one is careful and cautious.
73s to all, hoping you have filled
Jean paul F6DDV

----- Original Message -----
From: Steve
To: pfr3_group@yahoogroups.com
Sent: Monday, July 11, 2011 5:12 PM
Subject: Re: [pfr3_group] Re: Internal Battery type?

I'm working on switching to the Sanyo eneloop cells for their very low self-discharge properties. I've been frustrated with a series of "no name" high capacity NiMH batteries purchased over the last several years that self discharge to non-useful in a month or two! I guess you get what you pay for....

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http://www.eneloop.info/products/batteries.html

Ultimately, I'm looking at devices now powered with lithium chemistry batteries.

Steve
aa8af

On 7/10/2011 5:24 AM, f6ddv wrote:

The NICD has a chemical memory but were better than the current NIMH who lose their charge without being used, and there are plenty of poor quality, written in 2500 and 2800 mA / h and do not keep their promises (unless you buy the good batteries or other aviation model, but not the same size)

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2820. Re: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-11 21:46:25 UTC
From: f6ddv
Topic: 2785 Message: 2820

Hello again and good morning
I think it may be advisable to ask for people who practice model aircraft.
I would not give an opinion too far because there are advantages and pitfalls of in all kinds of rechargeable cells, require some caution and great care, it can be annoying to some people who prefer simple cells in use.
However, it is interesting that it's a bit similar, and those practicing model aircraft have more knowledge in this area, because for them the knowledge of the quality of the battery determines the life of model aircraft.
All rechargeable cells have a life, but by the time they are used, it is more interesting to have things in the hands of powerful and reliable, although they can sometimes take less time.
The choice is yours, I have left some batteries because they may have lasted long, but during the time that I have used and did not give me satisfaction, sometimes I wanted to use some of the cell, they were discharged or died.
So I spent all too often in poor quality, so now I choose the better the quality.
So I consider that the low price is not the only critaire important, what matters is performance, for a show that lasts a long time with constant power.
Another critaire is a lot of attention and regular monitoring of battery packs, you can use less expensive batteries, but there is waste, we must check one by one and throw, and finally it is very annoying, and sometimes it costs more.
All 73S
Jean paul F6DDV

----- Original Message -----
From: lee
To: pfr3_group@yahoogroups.com
Sent: Monday, July 11, 2011 8:56 PM
Subject: Re: [pfr3_group] Re: Internal Battery type?

Steve,

I have heard the rule of thumb for power loss in regular mAh batteries is 10% loss per week. Not very acceptable for a flashlight in your glove box. I guess OK if you plan to use up all the energy stored quickly. I no longer consider NICD as I don’t want to deal with cell memory. I think the Sanyo eneloop are the best choice today although the old clunky 12 volt gel cell for $20 new are really hard to beat if you don’t have to have compactness. 2500 mAh eneloop at $6.50 each comes to around 13 cents per charge per cell. That times 8 = $1.04 per charge or times 10 = $1.30 per charge. This sure beats the cost of alkaline unless you consider you only need 8 alkaline cells for 12 volts vs 10 cells with the others. However, alkalizes “sag” voltage as they discharge whereas the other have a pretty good knee before they sag. A lithium-ion 11.2 volt @ 4400mAh battery will cost around $70.00. They supposedly lose around 5% to 10% of charge per month and also like other types, degrade over time. I think you can charge them from a depleted state faster and safely more so then other types. Right now, their price seems too steep for me compared to the Sanyo eneloop batteries. I guess it all comes down to personal preference as there is no free lunch. Pluses and minuses for all. I guess what is important to you is the most

important factor when selecting an appropriate battery type. I’m going to try the eneloop type next.

Lee, w0vt

I'm working on switching to the Sanyo eneloop cells for their very low self-discharge properties. I've been frustrated with a series of "no name" high capacity NiMH batteries purchased over the last several years that self discharge to non-useful in a month or two! I guess you get what you pay for....

The standard AA Sanyo eneloop battery is rated at "2000 mAh typical capacity and 1900 mAh minimum capacity and up to 1500 charge/discharge cycles". These are NiMH chemistry, but are rated to retain 75% of their charge after three years.

Sanyo introduced the XX version of the eneloop battery last Fall, rated at 2500/2400 mAh, but with a 500 cycle rating and 75% capacity after 1 year, so there is a slightly higher capacity alternative with relatively low self-discharge properties. I have not tried these.

http://www.eneloop.info/products/batteries.html

Ultimately, I'm looking at devices now powered with lithium chemistry batteries.

Steve
aa8af

On 7/10/2011 5:24 AM, f6ddv wrote:

The NICD has a chemical memory but were better than the current NIMH who lose their charge without being used, and there are plenty of poor quality, written in 2500 and 2800 mA / h and do not keep their promises (unless you buy the good batteries or other aviation model, but not the same size)

2821. RE: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-12 10:32:37 UTC
From: Catalin Lazaroiu
Topic: 2785 Message: 2821

Hello all !

For my portable activities, I decide to use an external rechargeable battery, as you can see in the picture below. The "black box" is a BBS Universal Charger with 16000 mAh capacity and provides 5, 9, 12, 16 (selectable) and 19 V (fixed on a second outlet). I can use it not only for my PFR but also for phone or laptop supply/recharging. It can be recharged at 220V (or 110 V for US), 12 V from car and there are also available models with included solar panel.

Being a Li-Ion Polymer battery, it is very light (abt. 400 gr.). I think my key weighs twice ! HI!

Best 73 !

Catalin, YO3FVR

To: pfr3_group@yahoogroups.com
From: randrbuck@...
Date: Sun, 10 Jul 2011 00:04:46 +0000
Subject: [pfr3_group] Re: Internal Battery type?

Ken,

Thank you for your reply. I am a little wary of using internal rechargeable batteries but was interested in what others were doing. I will be using a series diode to drop the voltage when I use an external gel cell..

Thanks once again.

Ray VK4ZW

--- In pfr3_group@yahoogroups.com, ckwishmeier@... wrote:

>

>

> Personally, I do not like internal rechargeables. I just put in a fresh set of quality alkalines. Eight will give the full 12 volts for maximum 5 watts of power. Otherwise I use an external rechargeable gel cell.

>

> Ken

> WA9S

>

>

>

>

>

>

>

> -----Original Message-----

> From: Ray Buck <randrbuck@...>

> To: pfr3_group <pfr3_group@yahoogroups.com>

> Sent: Sun, Jul 3, 2011 4:03 am

> Subject: [pfr3_group] Internal Battery type?

>

>

>

>

> I was wondering which were the best batteries for the PFR-3, NiCad or NiMH?

>

> Thanks,

>

> Ray VK4ZW

>

2822. RE: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-12 10:36:49 UTC
From: Catalin Lazaroiu
Topic: 2785 Message: 2822

The picture it is not viewable, maybe is to large. I insert a small one...

To: pfr3_group@yahoogroups.com
From: yo3fvr@...
Date: Tue, 12 Jul 2011 13:32:37 +0300
Subject: RE: [pfr3_group] Re: Internal Battery type?

Hello all !

For my portable activities, I decide to use an external rechargeable battery, as you can see in the picture below. The "black box" is a BBS Universal Charger with 16000 mAh capacity and provides 5, 9, 12, 16 (selectable) and 19 V (fixed on a second outlet). I can use it not only for my PFR but also for phone or laptop supply/recharging. It can be recharged at 220V (or 110 V for US), 12 V from car and there are also available models with included solar panel.

Being a Li-Ion Polymer battery, it is very light (abt. 400 gr.). I think my key weighs twice ! HI!

Best 73 !

Catalin, YO3FVR

To: pfr3_group@yahoogroups.com
From: randrbuck@...
Date: Sun, 10 Jul 2011 00:04:46 +0000
Subject: [pfr3_group] Re: Internal Battery type?

Ken,

Thank you for your reply. I am a little wary of using internal rechargeable batteries but was interested in what others were doing. I will be using a series diode to drop the voltage when I use an external gel cell..

Thanks once again.

Ray VK4ZW

--- In pfr3_group@yahoogroups.com, ckwishmeier@... wrote:

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> Personally, I do not like internal rechargeables. I just put in a fresh set of quality alkalines. Eight will give the full 12 volts for maximum 5 watts of power. Otherwise I use an external rechargeable gel cell.

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> Ken

> WA9S

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>

>

>

>

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>

> -----Original Message-----

> From: Ray Buck <randrbuck@...>

> To: pfr3_group <pfr3_group@yahoogroups.com>

> Sent: Sun, Jul 3, 2011 4:03 am

> Subject: [pfr3_group] Internal Battery type?

>

>

>

>

> I was wondering which were the best batteries for the PFR-3, NiCad or NiMH?

>

> Thanks,

>

> Ray VK4ZW

>

2823. RE: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-12 10:43:44 UTC
From: Catalin Lazaroiu
Topic: 2785 Message: 2823
Attachments: 1 described; binary payloads are missing from this source WARC

Maybe attached?

To: pfr3_group@yahoogroups.com
From: yo3fvr@...
Date: Tue, 12 Jul 2011 13:32:37 +0300
Subject: RE: [pfr3_group] Re: Internal Battery type?

Hello all !

For my portable activities, I decide to use an external rechargeable battery, as you can see in the picture below. The "black box" is a BBS Universal Charger with 16000 mAh capacity and provides 5, 9, 12, 16 (selectable) and 19 V (fixed on a second outlet). I can use it not only for my PFR but also for phone or laptop supply/recharging. It can be recharged at 220V (or 110 V for US), 12 V from car and there are also available models with included solar panel.

Being a Li-Ion Polymer battery, it is very light (abt. 400 gr.). I think my key weighs twice ! HI!

Best 73 !

Catalin, YO3FVR

To: pfr3_group@yahoogroups.com
From: randrbuck@...
Date: Sun, 10 Jul 2011 00:04:46 +0000
Subject: [pfr3_group] Re: Internal Battery type?

Ken,

Thank you for your reply. I am a little wary of using internal rechargeable batteries but was interested in what others were doing. I will be using a series diode to drop the voltage when I use an external gel cell..

Thanks once again.

Ray VK4ZW

--- In pfr3_group@yahoogroups.com, ckwishmeier@... wrote:

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> Ken

> WA9S

>

>

>

>

>

>

>

> -----Original Message-----

> From: Ray Buck <randrbuck@...>

> To: pfr3_group <pfr3_group@yahoogroups.com>

> Sent: Sun, Jul 3, 2011 4:03 am

> Subject: [pfr3_group] Internal Battery type?

>

>

>

>

> I was wondering which were the best batteries for the PFR-3, NiCad or NiMH?

>

> Thanks,

>

> Ray VK4ZW

>

2824. Re: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-12 12:04:21 UTC
From: f6ddv
Topic: 2785 Message: 2824

Hello Catalin
I think it's very interesting
The photo did not appear here
May be a link to a merchant website would be nice also
best 73S
Jean-Paul F6DDV

----- Original Message -----
From: Catalin Lazaroiu
To: PFR3 Group
Sent: Tuesday, July 12, 2011 12:32 PM
Subject: RE: [pfr3_group] Re: Internal Battery type?

Hello all !

For my portable activities, I decide to use an external rechargeable battery, as you can see in the picture below. The "black box" is a BBS Universal Charger with 16000 mAh capacity and provides 5, 9, 12, 16 (selectable) and 19 V (fixed on a second outlet). I can use it not only for my PFR but also for phone or laptop supply/recharging. It can be recharged at 220V (or 110 V for US), 12 V from car and there are also available models with included solar panel.

Being a Li-Ion Polymer battery, it is very light (abt. 400 gr.). I think my key weighs twice ! HI!

Best 73 !

Catalin, YO3FVR

To: pfr3_group@yahoogroups.com
From: randrbuck@...
Date: Sun, 10 Jul 2011 00:04:46 +0000
Subject: [pfr3_group] Re: Internal Battery type?

Ken,

Thank you for your reply. I am a little wary of using internal rechargeable batteries but was interested in what others were doing. I will be using a series diode to drop the voltage when I use an external gel cell..

Thanks once again.

Ray VK4ZW

--- In pfr3_group@yahoogroups.com, ckwishmeier@... wrote:
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> Personally, I do not like internal rechargeables. I just put in a fresh set of quality alkalines. Eight will give the full 12 volts for maximum 5 watts of power. Otherwise I use an external rechargeable gel cell.
>
> Ken
> WA9S
> -----Original Message-----
> From: Ray Buck <randrbuck@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Sun, Jul 3, 2011 4:03 am
> Subject: [pfr3_group] Internal Battery type?
> I was wondering which were the best batteries for the PFR-3, NiCad or NiMH?
>
> Thanks,
>
> Ray VK4ZW

2825. Re: [pfr3_group] Re: Internal Battery type? [1 Attachment]

Yahoo group: pfr3_group
Date: 2011-07-12 12:06:14 UTC
From: f6ddv
Topic: 2825 Message: 2825

Ah , yes , OK Now
73s
F6DDV

----- Original Message -----
From: Catalin Lazaroiu
To: PFR3 Group
Sent: Tuesday, July 12, 2011 12:43 PM
Subject: RE: [pfr3_group] Re: Internal Battery type? [1 Attachment]

[Attachment(s) from Catalin Lazaroiu included below]

Maybe attached?

To: pfr3_group@yahoogroups.com
From: yo3fvr@...
Date: Tue, 12 Jul 2011 13:32:37 +0300
Subject: RE: [pfr3_group] Re: Internal Battery type?

Hello all !

For my portable activities, I decide to use an external rechargeable battery, as you can see in the picture below. The "black box" is a BBS Universal Charger with 16000 mAh capacity and provides 5, 9, 12, 16 (selectable) and 19 V (fixed on a second outlet). I can use it not only for my PFR but also for phone or laptop supply/recharging. It can be recharged at 220V (or 110 V for US), 12 V from car and there are also available models with included solar panel.

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Best 73 !

Catalin, YO3FVR

To: pfr3_group@...m
From: randrbuck@...
Date: Sun, 10 Jul 2011 00:04:46 +0000
Subject: [pfr3_group] Re: Internal Battery type?

Ken,

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Thanks once again.

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> Ken
> WA9S
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>
>
>
>
>
> -----Original Message-----
> From: Ray Buck <randrbuck@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Sun, Jul 3, 2011 4:03 am
> Subject: [pfr3_group] Internal Battery type?
>
>
>
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> I was wondering which were the best batteries for the PFR-3, NiCad or NiMH?
>
> Thanks,
>
> Ray VK4ZW
>

2826. Re: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-12 13:35:15 UTC
From: Ron Eike
Topic: 2785 Message: 2826

I would also suggest that anyone considering the model aircraft/ship/car/robot battery packs of whatever chemistry take a look at the chargers made for these packs. Most, if not all, chargers that will charge Lipo packs have balancing connections.

Ron KA3PSO

On 07/11/2011 05:46 PM, f6ddv wrote:
>
> □
>
> Hello again and good morning
> I think it may be advisable to ask for people who practice model
> aircraft.
> I would not give an opinion too far because there are advantages and
> pitfalls of in all kinds of rechargeable cells, require some caution
> and great care, it can be annoying to some people who prefer simple
> cells in use.
> However, it is interesting that it's a bit similar, and those
> practicing model aircraft have more knowledge in this area, because
> for them the knowledge of the quality of the battery determines the
> life of model aircraft.
> All rechargeable cells have a life, but by the time they are used, it
> is more interesting to have things in the hands of powerful and
> reliable, although they can sometimes take less time.
> The choice is yours, I have left some batteries because they may have
> lasted long, but during the time that I have used and did not give me
> satisfaction, sometimes I wanted to use some of the cell, they were
> discharged or died.
> So I spent all too often in poor quality, so now I choose the better
> the quality.
> So I consider that the low price is not the only critaire important,
> what matters is performance, for a show that lasts a long time with
> constant power.
> Another critaire is a lot of attention and regular monitoring of
> battery packs, you can use less expensive batteries, but there is
> waste, we must check one by one and throw, and finally it is very
> annoying, and sometimes it costs more.
> All 73S
> Jean paul F6DDV
>
> ----- Original Message -----
> *From:* lee <mailto:pulsarxp@...>
> *To:* pfr3_group@yahoogroups.com <mailto:pfr3_group@yahoogroups.com>
> *Sent:* Monday, July 11, 2011 8:56 PM

> *Subject:* Re: [pfr3_group] Re: Internal Battery type?
>
> Steve,
> I have heard the rule of thumb for power loss in regular mAh
> batteries is 10% loss per week. Not very acceptable for a
> flashlight in your glove box. I guess OK if you plan to use up
> all the energy stored quickly. I no longer consider NICD as I
> don’t want to deal with cell memory. I think the Sanyo eneloop
> are the best choice today although the old clunky 12 volt gel cell
> for $20 new are really hard to beat if you don’t have to have
> compactness. 2500 mAh eneloop at $6.50 each comes to around 13
> cents per charge per cell. That times 8 = $1.04 per charge or
> times 10 = $1.30 per charge. This sure beats the cost of alkaline
> unless you consider you only need 8 alkaline cells for 12 volts vs
> 10 cells with the others. However, alkalizes “sag” voltage as
> they discharge whereas the other have a pretty good knee before
> they sag. A lithium-ion 11.2 volt @ 4400mAh battery will cost
> around $70.00. They supposedly lose around 5% to 10% of charge
> per month and also like other types, degrade over time. I think
> you can charge them from a depleted state faster and safely more
> so then other types. Right now, their price seems too steep for
> me compared to the Sanyo eneloop batteries. I guess it all comes
> down to personal preference as there is no free lunch. Pluses and
> minuses for all. I guess what is important to you is the most
> important factor when selecting an appropriate battery type. I’m
> going to try the eneloop type next.
> Lee, w0vt
>
> I'm working on switching to the Sanyo eneloop cells for their very
> low self-discharge properties. I've been frustrated with a series
> of "no name" high capacity NiMH batteries purchased over the last
> several years that self discharge to non-useful in a month or
> two! I guess you get what you pay for....
>
> The standard AA Sanyo eneloop battery is rated at "2000 mAh
> typical capacity and 1900 mAh minimum capacity and up to 1500
> charge/discharge cycles". These are NiMH chemistry, but are rated
> to retain 75% of their charge after three years.
>
> Sanyo introduced the XX version of the eneloop battery last Fall,
> rated at 2500/2400 mAh, but with a 500 cycle rating and 75%
> capacity after 1 year, so there is a slightly higher capacity
> alternative with relatively low self-discharge properties. I have
> not tried these.
>
> http://www.eneloop.info/products/batteries.html
>
> Ultimately, I'm looking at devices now powered with lithium
> chemistry batteries.

>
> Steve
> aa8af
>
> On 7/10/2011 5:24 AM, f6ddv wrote:
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>>
>> The NICD has a chemical memory but were better than the current
>> NIMH who lose their charge without being used, and there are
>> plenty of poor quality, written in 2500 and 2800 mA / h and do
>> not keep their promises (unless you buy the good batteries or
>> other aviation model, but not the same size)
>>
>
>

2827. RE: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-12 15:18:28 UTC
From: Catalin Lazaroiu
Topic: 2785 Message: 2827

Hello Jean-Paul !

Please see the link from the Romanian e-Shop, with the products lists: https://www.fungadgets.ro/incarcator-extern.html. The site is in romanian language but you can use the models name (in english) and the codes for internet searching.

My device is a BBS Universal Charger, with code BBS-SB02X (16000mAh, w/o solar panel).

Best 73 !
Catalin, YO3FVR

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Tue, 12 Jul 2011 14:04:21 +0200
Subject: Re: [pfr3_group] Re: Internal Battery type?

Hello Catalin
I think it's very interesting
The
photo did not appear here
May be a
link to a merchant website would be nice also
best 73S
Jean-Paul F6DDV

----- Original Message -----
From:
Catalin
Lazaroiu
To: PFR3 Group
Sent: Tuesday, July 12, 2011 12:32
PM
Subject: RE: [pfr3_group] Re: Internal
Battery type?

Hello all !

For my portable activities, I decide to use an
external rechargeable battery, as you can see in the picture below. The "black box" is a BBS Universal Charger with 16000 mAh capacity and provides 5, 9, 12, 16 (selectable) and 19 V (fixed on a second outlet). I can use it not only for my PFR but also for phone or laptop supply/recharging. It can be recharged at 220V (or 110 V for US), 12 V from car and there are also available models with included solar panel.

Being a Li-Ion Polymer battery, it is very light
(abt. 400 gr.). I think my

key weighs twice !
HI!

Best 73 !

Catalin, YO3FVR

To: pfr3_group@yahoogroups.com
From: randrbuck@...
Date: Sun, 10
Jul 2011 00:04:46 +0000
Subject: [pfr3_group] Re: Internal Battery
type?

Ken,

Thank you for your reply. I am a little wary
of using internal rechargeable batteries but was interested in what others
were doing. I will be using a series diode to drop the voltage when I use an
external gel cell..

Thanks once again.

Ray VK4ZW

--- In
pfr3_group@yahoogroups.com,
ckwishmeier@... wrote:
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>
> Personally, I do not like
internal rechargeables. I just put in a fresh set of quality alkalines. Eight
will give the full 12 volts for maximum 5 watts of power. Otherwise I use an
external rechargeable gel cell.
>
> Ken
> WA9S
>
-----Original Message-----
> From: Ray Buck
<randrbuck@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
>
Sent: Sun, Jul 3, 2011 4:03 am
> Subject: [pfr3_group] Internal Battery
type?
> I was wondering which were the best batteries for the PFR-3,
NiCad or NiMH?
>
> Thanks,
>
> Ray

VK4ZW

2828. Re: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-12 22:14:55 UTC
From: f6ddv
Topic: 2785 Message: 2828

Hi Catalin
I looked
Not easy to see exactly the features or the price
They are out of stock, and I found no equivalent
Can only be built in Romania?
73S
Jean-Paul F6DDV
----- Original Message -----
From: Catalin Lazaroiu
To: PFR3 Group
Sent: Tuesday, July 12, 2011 5:18 PM
Subject: RE: [pfr3_group] Re: Internal Battery type?

Hello Jean-Paul !

Please see the link from the Romanian e-Shop, with the products lists: https://www.fungadgets.ro/incarcator-extern.html. The site is in romanian language but you can use the models name (in english) and the codes for internet searching.

My device is a BBS Universal Charger, with code BBS-SB02X (16000mAh, w/o solar panel).

Best 73 !
Catalin, YO3FVR

Hello Catalin
I think it's very interesting
The photo did not appear here
May be a link to a merchant website would be nice also
best 73S
Jean-Paul F6DDV

----- Original Message -----
From: Catalin Lazaroiu
To: PFR3 Group
Sent: Tuesday, July 12, 2011 12:32 PM
Subject: RE: [pfr3_group] Re: Internal Battery type?

Hello all !

For my portable activities, I decide to use an external rechargeable battery, as you can see in the picture below. The "black box" is a BBS Universal Charger with 16000 mAh capacity and provides 5, 9, 12, 16 (selectable) and 19 V (fixed on a second outlet). I can use it not only for my PFR but also for phone or laptop supply/recharging. It can be recharged at 220V (or 110 V for US), 12 V from car and there are also available models with included solar panel.

Being a Li-Ion Polymer battery, it is very light (abt. 400 gr.). I think my key weighs twice ! HI!

Best 73 !

Catalin, YO3FVR

2829. RE: [pfr3_group] Build Progress

Yahoo group: pfr3_group
Date: 2011-07-12 22:36:32 UTC
From: Dwain Lawhon
Topic: 2609 Message: 2829

[Body unavailable in the source archive]

2830. Re: Build Progress

Yahoo group: pfr3_group
Date: 2011-07-12 23:11:50 UTC
From: Grant
Topic: 2609 Message: 2830

I have decided to blog about the progress I am making with building my PFR-3. The blog can be found here: http://vk4jaz.wordpress.com/

I plan to update the blog as often as progress is made. I am just waiting for a replacement U7 to arrive.

2831. RE: [pfr3_group] Re: Internal Battery type?

Yahoo group: pfr3_group
Date: 2011-07-13 08:07:02 UTC
From: Catalin Lazaroiu
Topic: 2785 Message: 2831

Hi !

The device is not a romanian brand and, like a lot of actual products and brands, it is made in China. I found the product on the following site:

http://www.alibaba.com/product-gs/346508998/BBS_solar_cellphone_charger_bag.html

Scroll down and you will see this battery and other similar products. At the next link, you will see the similar model but with the included solar panel:

http://www.alibaba.com/product-gs/436905379/Solar_Laptop_Charger_with_2A_Maximum.html

Regarding the output voltages, there are different types. My battery has one output for 5, 9, 12 and 16V, selectable, and a second output for 19V. Other models has one output for 5 V and the second for selectable 9, 12, 16, 19 V. For my application, is useful to have a 19 V for laptop separated from 12 V output nedeed for PFR. Anyway, the battery has a very useful protection system: you can not switch the output voltages with the plug connected in the outlet battery. You must fix the desired voltage first and after that you can connect the plug. So, it is not possible to switch to 16V while you work at your PFR (or other device).

Regarding the solar panel, the romanian users of this device told me that for an empty battery you need 12-14 hours of a sunny day for complete recharge of the battery. Personally, I prefer to spend money to a high capacity instead the solar feature. But, anyway, the non-solar model that I own have an USB port for connection with an external solar panel. So, if I change my mind, I will buy only a small solar panel.

In the last week-end I was in YOFF-021 and YOFF-164 areas. In 4 days, I worked about 14 hours and was not necessary to charge the battery.

Best 73 !

Catalin, YO3FVR

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Wed, 13 Jul 2011 00:14:55 +0200
Subject: Re: [pfr3_group] Re: Internal Battery type?

Hi Catalin
I looked
Not easy to see exactly the
features or the
price
They are out
of stock, and I
found no equivalent
Can only be built in
Romania?

73S
Jean-Paul F6DDV

----- Original Message -----
From:
Catalin
Lazaroiu
To: PFR3 Group
Sent: Tuesday, July 12, 2011 5:18
PM
Subject: RE: [pfr3_group] Re: Internal
Battery type?

Hello Jean-Paul !

Please see the link from the Romanian
e-Shop, with the products lists: https://www.fungadgets.ro/incarcator-extern.html. The
site is in romanian language
but you can use the models name (in english) and the codes for internet
searching.

My device is a BBS Universal Charger,
with code BBS-SB02X (16000mAh, w/o solar panel).

Best 73 !
Catalin,
YO3FVR

Hello Catalin
I think
it's
very interesting
The photo did not
appear here
May be
a link
to a merchant website
would be
nice also
best
73S
Jean-Paul F6DDV

----- Original Message -----
From: Catalin
Lazaroiu
To: PFR3 Group
Sent: Tuesday, July 12, 2011 12:32
PM
Subject: RE: [pfr3_group] Re: Internal
Battery type?

Hello all !

For my portable activities, I decide to use
an external rechargeable battery, as you can see in the picture below. The "black box" is a BBS Universal Charger with 16000 mAh capacity and provides 5, 9, 12, 16 (selectable) and 19 V (fixed on a second outlet). I can use it not only for my PFR but also for phone or laptop supply/recharging. It can be recharged at 220V (or 110 V for US), 12 V from car and there are also available models with included solar panel.

Being a Li-Ion Polymer
battery, it is very light (abt. 400 gr.). I think my
key weighs twice !
HI!

Best 73 !

Catalin,
YO3FVR

2832. Re: [pfr3_group] Re: Internal Battery type? and universal charger

Yahoo group: pfr3_group
Date: 2011-07-13 09:53:35 UTC
From: f6ddv
Topic: 2832 Message: 2832

Hello again Catelin
and Hi to all
Whou !!!
Well, it's very difficult to find the right model and good seller, alibaba site is a terrible, HI
I find everything except what I want, and even with the correct reference
I'll try to go again on Chinese websites ...
The solution to the separate solar panel is actually a good solution and I think we need a model more than 1 amp at least 2 amps is better ...
In any case it is essential to a regulator for the solar panel, if not big problem
The best would be a solar controller for LiPo batteries with a 3 cell panel 1 to 2 amps
73s again
Jean-Paul F6DDV

----- Original Message -----
From: Catalin Lazaroiu
To: PFR3 Group
Sent: Wednesday, July 13, 2011 10:07 AM
Subject: RE: [pfr3_group] Re: Internal Battery type?

Hi !

The device is not a romanian brand and, like a lot of actual products and brands, it is made in China. I found the product on the following site:

http://www.alibaba.com/product-gs/346508998/BBS_solar_cellphone_charger_bag.html

Scroll down and you will see this battery and other similar products. At the next link, you will see the similar model but with the included solar panel:

http://www.alibaba.com/product-gs/436905379/Solar_Laptop_Charger_with_2A_Maximum.html

Regarding the output voltages, there are different types. My battery has one output for 5, 9, 12 and 16V, selectable, and a second output for 19V. Other models has one output for 5 V and the second for selectable 9, 12, 16, 19 V. For my application, is useful to have a 19 V for laptop separated from 12 V output nedeed for PFR. Anyway, the battery has a very useful protection system: you can not switch the output voltages with the plug connected in the outlet battery. You must fix the desired voltage first and after that you can connect the plug. So, it is not possible to switch to 16V while you work at your PFR (or other device).

Regarding the solar panel, the romanian users of this device told me that for an empty battery you need 12-14 hours of a sunny day for complete recharge of the battery. Personally, I prefer to spend money to a high capacity instead the solar feature. But, anyway, the non-solar model that I own have an USB port for connection with an external solar panel. So, if I change my mind, I will buy only a small solar panel.

In the last week-end I was in YOFF-021 and YOFF-164 areas. In 4 days, I worked about 14 hours and was not necessary to charge the battery.

Best 73 !

Catalin, YO3FVR

2833. RE: [pfr3_group] Re: Internal Battery type? and universal charger

Yahoo group: pfr3_group
Date: 2011-07-13 11:25:20 UTC
From: Catalin Lazaroiu
Topic: 2832 Message: 2833

Hi Jean-Paul !

Well, I sent you the links only as a starting point, for models and part numbers. Generally speaking I prefer a romanian site for two reasons: I can go directly to the shop to see the product with my eyes and it is more easy with the warranty or replacing in case of failures.

But, for more technical details and some pictures with the applications, please follow the next links:

http://www.glomarket.com/showshop.php?id=21053

http://www.glomarket.com/showshop.php?id=21049

Please, ignore the solar bags from these presentations. The battery could be sold separately, with a nice bag and a lot of accesories.

73s and GL !

Catalin

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Wed, 13 Jul 2011 11:53:35 +0200
Subject: Re: [pfr3_group] Re: Internal Battery type? and universal charger

Hello again Catelin
and Hi to all
Whou !!!
Well, it's very difficult to find the
right model and
good seller, alibaba site is
a terrible, HI
I
find everything except what I want,
and even with the
correct reference
I'll try to
go again on Chinese websites ...
The solution to the separate solar panel is actually a
good solution and
I think we need a model more than 1
amp at least 2
amps is better ...
In any case it
is essential to a
regulator for the

solar panel, if not big
problem
The
best would be a solar controller for LiPo batteries with a 3
cell panel 1 to 2
amps
73s again
Jean-Paul F6DDV

----- Original Message -----
From:
Catalin
Lazaroiu
To: PFR3 Group
Sent: Wednesday, July 13, 2011 10:07
AM
Subject: RE: [pfr3_group] Re: Internal
Battery type?

Hi !

The device is not a romanian brand and, like a lot of
actual products and brands, it is made in China. I found the product on the
following site:

http://www.alibaba.com/product-gs/346508998/BBS_solar_cellphone_charger_bag.html

Scroll
down and you will see this battery and other similar products. At the next
link, you will see the similar model but with the included solar
panel:

http://www.alibaba.com/product-gs/436905379/Solar_Laptop_Charger_with_2A_Maximum.html

Regarding
the output voltages, there are different types. My battery has one output for
5, 9, 12 and 16V, selectable, and a second output for 19V. Other models has
one output for 5 V and the second for selectable 9, 12, 16, 19 V. For my
application, is useful to have a 19 V for laptop separated from 12 V output
nedeed for PFR. Anyway, the battery has a very useful protection system: you
can not switch the output voltages with the plug connected in the outlet
battery. You must fix the desired voltage first and after that you can connect
the plug. So, it is not possible to switch to 16V while you work at your PFR
(or other device).

Regarding the solar panel, the romanian users of
this device told me that for an empty battery you need 12-14 hours of a sunny
day for complete recharge of the battery. Personally, I prefer to spend money
to a high capacity instead the solar feature. But, anyway, the non-solar model
that I own have an USB port for connection with an external solar panel. So,
if I change my mind, I will buy only a small solar panel.

In the last
week-end I was in YOFF-021 and YOFF-164 areas. In 4 days, I worked about 14
hours and was not necessary to charge the battery.

Best 73
!

Catalin,
YO3FVR

2834. Re: [pfr3_group] Re: Internal Battery type? and universal charger

Yahoo group: pfr3_group
Date: 2011-07-13 19:32:17 UTC
From: f6ddv
Topic: 2832 Message: 2834

Hi again Catalin
Finally I reflect a little, I have good batteries 5000 mA / h and as I have a good balanced charger accepts 12 V multimode and multi-cell,
I looked into solar panels that provide 12 V, and I think it is the right solution, but if I had not seen your radio installation with this, I would not have thought ...
73S
Jean paul F6DDV

----- Original Message -----
From: Catalin Lazaroiu
To: PFR3 Group
Sent: Wednesday, July 13, 2011 1:25 PM
Subject: RE: [pfr3_group] Re: Internal Battery type? and universal charger

Hi Jean-Paul !

Well, I sent you the links only as a starting point, for models and part numbers. Generally speaking I prefer a romanian site for two reasons: I can go directly to the shop to see the product with my eyes and it is more easy with the warranty or replacing in case of failures.

But, for more technical details and some pictures with the applications, please follow the next links:

http://www.glomarket.com/showshop.php?id=21053

http://www.glomarket.com/showshop.php?id=21049

Please, ignore the solar bags from these presentations. The battery could be sold separately, with a nice bag and a lot of accesories.

73s and GL !

Catalin

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Wed, 13 Jul 2011 11:53:35 +0200
Subject: Re: [pfr3_group] Re: Internal Battery type? and universal charger

Hello again Catelin
and Hi to all
Whou !!!
Well, it's very difficult to find the right model and good seller, alibaba site is a terrible, HI
I find everything except what I want, and even with the correct reference
I'll try to go again on Chinese websites ...

The solution to the separate solar panel is actually a good solution and I think we need a model more than 1 amp at least 2 amps is better ...
In any case it is essential to a regulator for the solar panel, if not big problem
The best would be a solar controller for LiPo batteries with a 3 cell panel 1 to 2 amps
73s again
Jean-Paul F6DDV

----- Original Message -----
From: Catalin Lazaroiu
To: PFR3 Group
Sent: Wednesday, July 13, 2011 10:07 AM
Subject: RE: [pfr3_group] Re: Internal Battery type?

Hi !

The device is not a romanian brand and, like a lot of actual products and brands, it is made in China. I found the product on the following site:

http://www.alibaba.com/product-gs/346508998/BBS_solar_cellphone_charger_bag.html

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Regarding the output voltages, there are different types. My battery has one output for 5, 9, 12 and 16V, selectable, and a second output for 19V. Other models has one output for 5 V and the second for selectable 9, 12, 16, 19 V. For my application, is useful to have a 19 V for laptop separated from 12 V output nedeed for PFR. Anyway, the battery has a very useful protection system: you can not switch the output voltages with the plug connected in the outlet battery. You must fix the desired voltage first and after that you can connect the plug. So, it is not possible to switch to 16V while you work at your PFR (or other device).

Regarding the solar panel, the romanian users of this device told me that for an empty battery you need 12-14 hours of a sunny day for complete recharge of the battery. Personally, I prefer to spend money to a high capacity instead the solar feature. But, anyway, the non-solar model that I own have an USB port for connection with an external solar panel. So, if I change my mind, I will buy only a small solar panel.

In the last week-end I was in YOFF-021 and YOFF-164 areas. In 4 days, I worked about 14 hours and was not necessary to charge the battery.

Best 73 !

Catalin, YO3FVR

2835. Re: Phase 1 testing

Yahoo group: pfr3_group
Date: 2011-07-15 09:50:36 UTC
From: Grant
Topic: 2782 Message: 2835

My replacement U7 arrived in the mail today (thanks Doug) and now my rig has passed the phase 1 test with flying colours. The DDS chip also seems fine; I heard a good, strong tone at 11,944.81 on my FT-450. I have now started with the next phase. Thanks for all your help, team.

2836. Re: [pfr3_group] Re: Phase 1 testing

Yahoo group: pfr3_group
Date: 2011-07-15 12:04:40 UTC
From: Steve Smith
Topic: 2782 Message: 2836

Hi Grant,

That's terrific news! Everything should be smooth sailing now.

Best of luck with the remainder of the build.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@yahoo.com.au>

My replacement U7 arrived in the mail today (thanks Doug) and now my rig has passed the phase 1 test with flying colours. The DDS chip also seems fine; I heard a good, strong tone at 11,944.81 on my FT-450. I have now started with the next phase. Thanks for all your help, team.

Yahoo! Groups Links

2837. Re: Build Progress

Yahoo group: pfr3_group
Date: 2011-07-18 06:53:16 UTC
From: Grant
Topic: 2609 Message: 2837

My build progress has been updated on my blog. The blog can be found here:
http://vk4jaz.wordpress.com/

2838. Re: Dead tenna dipper

Yahoo group: pfr3_group
Date: 2011-07-21 00:14:15 UTC
From: KO0D
Topic: 2790 Message: 2838

Hard to understand.....I still haven't received the microprocessor chip. One e-mail was answered stating that the chip would go out today. That was 16 days ago. I don't even think the USPS is that slow. No answer to recent e-mails. Thoroughly disgusted. John, KO0D

--- In pfr3_group@yahoogroups.com, "KO0D" <jbmcmichael@...> wrote:
>
> A little off topic. This is one of my "motel builds'. Everything seems simple enough but when I applied power the LED started blinking. No display. I turned it off and then back on. Now nothing. Voltage regulator is working. Voltages appear correct on the ICs. The tune pot varies the voltage out of U!. The solder looks ok as far as my old eyes can tell. Any suggestions?
>

2839. Re: [pfr3_group] Re: Dead tenna dipper

Yahoo group: pfr3_group
Date: 2011-07-21 10:39:19 UTC
From: f6ddv
Topic: 2790 Message: 2839

Hello John
Do not be disappointed, you will not be left alone with your problem, you know that Doug replaces everything that is wrong, and then there's the mailing list, and probably have friends who are willing to look at your building and at the end I'm on ... I read the list, you can mail your artwork there will be a ham radio that will help you for sure.
I can tell you that USPS walks like a turtle right now, I expect a small generator Elecraft and is stuck in CA for a while ...
Think I'm in France and I totally do not read English well, I just started editing, and I have confidence in one way or another it will eventually work.
My Kit DC30B had problems and they are resolved, sometimes you have to stop a few days, think calmly and as it returns to the (site) you becomes clear.

I came to a Group Led display module, and I have a doubt on the measure mm above the circuit board.
I saw that the capacitors 101 and 47 discs are a bit too big and the legs difficult to change, I was almost decided to make other models that I have here, but never mind, I would do with the batch of parts provided, because this is what was planned for that!
Love to all and good day
We have rain for 2 weeks and here comes the sun!
All 73s
jean-paul F6DDV

From: KO0D
To: pfr3_group@yahoogroups.com
Sent: Thursday, July 21, 2011 2:14 AM
Subject: [pfr3_group] Re: Dead tenna dipper

Hard to understand.....I still haven't received the microprocessor chip. One e-mail was answered stating that the chip would go out today. That was 16 days ago. I don't even think the USPS is that slow. No answer to recent e-mails. Thoroughly disgusted. John, KO0D

--- In pfr3_group@yahoogroups.com, "KO0D" <jbmcmichael@...> wrote:
>
> A little off topic. This is one of my "motel builds'. Everything seems simple enough but when I applied power the LED started blinking. No display. I turned it off and then back on. Now nothing. Voltage regulator is working. Voltages appear correct on the ICs. The tune pot varies the voltage out of U!. The solder looks ok as far as my old eyes can tell. Any suggestions?
>

2840. position the LED display module

Yahoo group: pfr3_group
Date: 2011-07-21 14:09:18 UTC
From: f6ddv
Topic: 2840 Message: 2840

Hello everyone
To position the LED display module I think the best way is not to measure.
It's much easier to stick the red filter inside the box, place the LED display and screw the PCB in its place,
then we check that the power LED works well with a small stick wood or something, it can even stall a bit
to apply it well and push a little on the feet or above.
and welded, and we are sure that even if everything is not perfectly straight in the box or the map display
will be led gently into place at the end of the assembly.
I find this way easier and that's how I did.
73s
jp F6DDV

2841. Re: [pfr3_group] position the LED display module

Yahoo group: pfr3_group
Date: 2011-07-21 14:39:09 UTC
From: Carey Magee (K2RNY)
Topic: 2840 Message: 2841

Hello All:

That is the same way I did mine. I placed the LED display in the holes, then set the board in the top section and held it in with 2 screws. I tack soldered two opposing pins and then took it all apart to finish soldering the display.

It fits like a glove. Great rig. Use it all the time on the patio.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

----- "f6ddv" <f6ddv@...> wrote:

Hello everyone
To position the LED display module I think the best way is not to measure .
It's much easier to stick the red filter inside the box , place the LED display and screw the PCB in its place,
then we check that the power LED works well with a small stick wood or something, it can even stall a bit
to apply it well and push a little on the feet or above.
and welded , and we are sure that even if everything is not perfectly straight in the box or the map display
will be led gently into place at the end of the assembly.
I find this way easier and that's how I did.
73s
jp F6DDV

2842. Re: [pfr3_group] position the LED display module

Yahoo group: pfr3_group
Date: 2011-07-21 15:55:25 UTC
From: f6ddv
Topic: 2840 Message: 2842

Hello Carey
Ah, I'm glad I'm not the only one who had this idea ...
And I must add that this way of lighting may be more effective.
I can also say that very little excess length of legs, they feel just by passing your finger on it, not even need to cut.
But be careful what we write, there may be several brands of LED displays
73S
F6DDV

----- Original Message -----
From: Carey Magee (K2RNY)
To: pfr3 group
Sent: Thursday, July 21, 2011 4:39 PM
Subject: Re: [pfr3_group] position the LED display module

Hello All

That is the same way I did mine. I placed the LED display in the holes, then set the board in the top section and held it in with 2 screws. I tack soldered two opposing pins and then took it all apart to finish soldering the display.

It fits like a glove. Great rig. Use it all the time on the patio.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

----- "f6ddv" <f6ddv@...> wrote:

Hello everyone
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It's much easier to stick the red filter inside the box, place the LED display and screw the PCB in its place,
then we check that the power LED works well with a small stick wood or something, it can even stall a bit
to apply it well and push a little on the feet or above.
and welded, and we are sure that even if everything is not perfectly straight in the box or the map display
will be led gently into place at the end of the assembly.
I find this way easier and that's how I did.
73s
jp F6DDV

2843. Re: [pfr3_group] position the LED display module

Yahoo group: pfr3_group
Date: 2011-07-21 18:17:21 UTC
From: ckwishmeier@cs.com
Topic: 2840 Message: 2843

I did it the hard way a year ago with my PFR-3A. However, this was the method I used with my Tenna Dipper picked up at Dayton Hamfest.

Keith
WA9S

-----Original Message-----
From: f6ddv <f6ddv@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Jul 21, 2011 11:55 am
Subject: Re: [pfr3_group] position the LED display module

☐
Hello Carey
Ah, I'm glad I'm not the only one who had this idea ...
And I must add that this way of lighting may be more effective.
I can also say that very little excess length of legs, they feel just by passing your finger on it, not even need to cut.
But be careful what we write, there may be several brands of LED displays
73S
F6DDV

----- Original Message -----
From: Carey Magee (K2RNY)
To: pfr3 group
Sent: Thursday, July 21, 2011 4:39 PM
Subject: Re: [pfr3_group] position the LED display module

Hello All
That is the same way I did mine. I placed the LED display in the holes, then set the board in the top section and held it in with 2 screws. I tack soldered two opposing pins and then took it all apart to finish soldering the display.
It fits like a glove. Great rig. Use it all the time on the patio.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

73,
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Mr. Carey Magee, K2RNY
Rochester, NY
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==========

----- "f6ddv" <f6ddv@...> wrote:

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It's much easier to stick the red filter inside the box, place the LED display and screw the PCB in its place,
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to apply it well and push a little on the feet or above.
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will be led gently into place at the end of the assembly.
I find this way easier and that's how I did.
73s
jp F6DDV

2844. Re: [pfr3_group] position the LED display module

Yahoo group: pfr3_group
Date: 2011-07-21 21:51:19 UTC
From: f6ddv
Topic: 2840 Message: 2844

OK Keith

I often work this way in many montages, even mechanical.
The assembly compared without using a measurement tool as it can be done because the materials are never perfectly regular.
on the LED display, like this one is absolutely certain that it will be exactly the right place.
I just finished the group # 1 and test their smoke and I started the group two tonight

Dayton Oh! ...
Dayton is located or in what state USA?
I do not think that I would one day here, but just to know? ...

soon all
F6DDV
----- Original Message -----
From: ckwishmeier@...
To: pfr3_group@yahoogroups.com
Sent: Thursday, July 21, 2011 8:17 PM
Subject: Re: [pfr3_group] position the LED display module

I did it the hard way a year ago with my PFR-3A. However, this was the method I used with my Tenna Dipper picked up at Dayton Hamfest.

Keith
WA9S

2845. RE: [pfr3_group] position the LED display module

Yahoo group: pfr3_group
Date: 2011-07-21 22:44:34 UTC
From: Jerry Haigwood
Topic: 2840 Message: 2845

Dayton is located in the state of OHIO.

Jerry

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of f6ddv
Sent: Thursday, July 21, 2011 4:51 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] position the LED display module

☐

OK Keith

I often work this way in many montages, even mechanical.
The assembly compared without using a measurement tool as it can be done because the materials are never perfectly regular.
on the LED display, like this one is absolutely certain that it will be exactly the right place.
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soon all
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Sent: Thursday, July 21, 2011 8:17 PM

Subject: Re: [pfr3_group] position the LED display module

I did it the hard way a year ago with my PFR-3A. However, this was the method I used with my Tenna Dipper picked up at Dayton Hamfest.

Keith

WA9S

2846. Re: Dead tenna dipper

Yahoo group: pfr3_group
Date: 2011-07-21 23:55:30 UTC
From: Grant
Topic: 2790 Message: 2846

Hi John,

One thing I love about building qrp kits is that it teaches me to be patient. And I mean that in the nicest way possible. I had a problem with U7, which wasn't programmed. Once this group helped me identify that as the problem, an email to Doug was all it took. He popped two replacements in the mail that same day. I live Down Under, so the post took over two weeks but it did eventually arrive and I am now back on track with group 1 testing working out as it should. You can follow my build progress on my blog, which you can find here: http://vk4jaz.wordpress.com/
Oh, and my next purchase from Doug will be the Deluxe Tenna Dipper, as it looks like an invaluable piece of gear to have around the shack.

Regards
Grant VK4JAZ

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello John
> Do not be disappointed, you will not be left alone with your problem, you know that Doug replaces everything that is wrong, and then there's the mailing list, and probably have friends who are willing to look at your building and at the end I'm on ... I read the list, you can mail your artwork there will be a ham radio that will help you for sure.
> I can tell you that USPS walks like a turtle right now, I expect a small generator Elecraft and is stuck in CA for a while ...
> Think I'm in France and I totally do not read English well, I just started editing, and I have confidence in one way or another it will eventually work.
> My Kit DC30B had problems and they are resolved, sometimes you have to stop a few days, think calmly and as it returns to the (site) you becomes clear.
>
> I came to a Group Led display module, and I have a doubt on the measure mm above the circuit board.
> I saw that the capacitors 101 and 47 discs are a bit too big and the legs difficult to change, I was almost decided to make other models that I have here, but never mind, I would do with the batch of parts provided, because this is what was planned for that!
> Love to all and good day
> We have rain for 2 weeks and here comes the sun!
> All 73s
> jean-paul F6DDV
>
> From: KO0D
> To: pfr3_group@yahoogroups.com
> Sent: Thursday, July 21, 2011 2:14 AM
> Subject: [pfr3_group] Re: Dead tenna dipper
>
>
>

> Hard to understand.....I still haven't received the microprocessor chip. One e-mail was answered stating that the chip would go out today. That was 16 days ago. I don't even think the USPS is that slow. No answer to recent e-mails. Thoroughly disgusted. John, KO0D
>
> --- In pfr3_group@yahoogroups.com, "KO0D" <jbmcmichael@> wrote:
> >
> > A little off topic. This is one of my "motel builds'. Everything seems simple enough but when I applied power the LED started blinking. No display. I turned it off and then back on. Now nothing. Voltage regulator is working. Voltages appear correct on the ICs. The tune pot varies the voltage out of U!. The solder looks ok as far as my old eyes can tell. Any suggestions?
> >
>

2847. RE: [pfr3_group] Re: Dead tenna dipper

Yahoo group: pfr3_group
Date: 2011-07-22 00:18:00 UTC
From: John McMichael
Topic: 2790 Message: 2847

Grant, I'm glad you got your chip in 2 only weeks in VK-land. To some the state of Arkansas (where I am temporarily deployed) might be considered out of the country but it really isn't and it is served by the US Postal Service. Maybe it was sent and returned for some reason. Maybe it is out of stock. How long does it take to send an e-mail with an explanation? Why would I be told that it was shipped? Meanwhile my bank account is down $80 and I have some worthless parts laying on my desk.
John, KO0D

To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Thu, 21 Jul 2011 23:55:30 +0000
Subject: [pfr3_group] Re: Dead tenna dipper

Hi John,

One thing I love about building qrp kits is that it teaches me to be patient. And I mean that in the nicest way possible. I had a problem with U7, which wasn't programmed. Once this group helped me identify that as the problem, an email to Doug was all it took. He popped two replacements in the mail that same day. I live Down Under, so the post took over two weeks but it did eventually arrive and I am now back on track with group 1 testing working out as it should. You can follow my build progress on my blog, which you can find here: http://vk4jaz.wordpress.com/
Oh, and my next purchase from Doug will be the Deluxe Tenna Dipper, as it looks like an invaluable piece of gear to have around the shack.

Regards
Grant VK4JAZ

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello John
> Do not be disappointed, you will not be left alone with your problem, you know that Doug replaces everything that is wrong, and then there's the mailing list, and probably have friends who are willing to look at your building and at the end I'm on ... I read the list, you can mail your artwork there will be a ham radio that will help you for sure.
> I can tell you that USPS walks like a turtle right now, I expect a small generator Elecraft and is stuck in CA for a while ...
> Think I'm in France and I totally do not read English well, I just started editing, and I have confidence in one way or another it will eventually work.
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> I came to a Group Led display module, and I have a doubt on the measure mm above the circuit board.
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> Love to all and good day
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> From: KO0D
> To: pfr3_group@yahoogroups.com
> Sent: Thursday, July 21, 2011 2:14 AM
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> Hard to understand.....I still haven't received the microprocessor chip. One e-mail was answered stating that the chip would go out today. That was 16 days ago. I don't even think the USPS is that slow. No answer to recent e-mails. Thoroughly disgusted. John, KO0D
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> > A little off topic. This is one of my "motel builds'. Everything seems simple enough but when I applied power the LED started blinking. No display. I turned it off and then back on. Now nothing. Voltage regulator is working. Voltages appear correct on the ICs. The tune pot varies the voltage out of U!. The solder looks ok as far as my old eyes can tell. Any suggestions?
> >
>

2848. Re: [pfr3_group] Re: Dead tenna dipper

Yahoo group: pfr3_group
Date: 2011-07-22 09:08:56 UTC
From: David Wilcox
Topic: 2790 Message: 2848

Grant,

Doug and KD1JV came through again. I just finished my Deluxe Antenna Dipper and it's a hoot.... I did like the old one but having to wait for my brain to interpret the cw frequency was a chore at times... the direct LED readout is fantastic. Thanks all for another useful shack or portable tool for my go box.

Dave K8WPE

From: Grant <grantmcduling@...>
To: pfr3_group@yahoogroups.com
Sent: Thursday, July 21, 2011 7:55 PM
Subject: [pfr3_group] Re: Dead tenna dipper

Hi John,

One thing I love about building qrp kits is that it teaches me to be patient. And I mean that in the nicest way possible. I had a problem with U7, which wasn't programmed. Once this group helped me identify that as the problem, an email to Doug was all it took. He popped two replacements in the mail that same day. I live Down Under, so the post took over two weeks but it did eventually arrive and I am now back on track with group 1 testing working out as it should. You can follow my build progress on my blog, which you can find here: http://vk4jaz.wordpress.com/
Oh, and my next purchase from Doug will be the Deluxe Tenna Dipper, as it looks like an invaluable piece of gear to have around the shack.

Regards
Grant VK4JAZ

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello John
> Do not be disappointed, you will not be left alone with your problem, you know that Doug replaces everything that is wrong, and then there's the mailing list, and probably have friends who are willing to look at your building and at the end I'm on ... I read the list, you can mail your artwork there will be a ham radio that will help you for sure.
> I can tell you that USPS walks like a turtle right now, I expect a small generator Elecraft and is stuck in CA for a while ...
> Think I'm in France and I totally do not read English well, I just started editing, and I have confidence in one way or another it will eventually work.
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> I came to a Group Led display module, and I have a doubt on the measure mm above the circuit board.
> I saw that the capacitors 101 and 47 discs are a bit too big and the legs difficult to change, I was almost decided to make other models that I have here, but never mind, I would

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> Love to all and good day
> We have rain for 2 weeks and here comes the sun!
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> From: KO0D
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> --- In pfr3_group@yahoogroups.com, "KO0D" <jbmcmichael@> wrote:
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> >
>

2849. Re: [pfr3_group] position the LED display module

Yahoo group: pfr3_group
Date: 2011-07-22 09:27:32 UTC
From: f6ddv
Topic: 2840 Message: 2849

OK For OH Jerry
Thanks
JP F6DDV in IN88GQ
----- Original Message -----
From: Jerry Haigwood
To: pfr3_group@yahoogroups.com
Sent: Friday, July 22, 2011 12:44 AM
Subject: RE: [pfr3_group] position the LED display module

Dayton is located in the state of OHIO.

Jerry

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of f6ddv
Sent: Thursday, July 21, 2011 4:51 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] position the LED display module☐

OK Keith

I often work this way in many montages, even mechanical.
The assembly compared without using a measurement tool as it can be done because the materials are never perfectly regular.
on the LED display, like this one is absolutely certain that it will be exactly the right place.
I just finished the group # 1 and test their smoke and I started the group two tonight

Dayton Oh! ...
Dayton is located or in what state USA?
I do not think that I would one day here, but just to know? ...

soon all
F6DDV

2850. Re: [pfr3_group] Re: Dead tenna dipper, and all ...

Yahoo group: pfr3_group
Date: 2011-07-22 10:17:22 UTC
From: f6ddv
Topic: 2850 Message: 2850

Hello again Grant
Oh, not programmed U7 ... no luck, Hum ... good, it can happen of course, nobody and nothing is perfect ...
One thing is certain, and had understood from the beginning, for various reasons I took the last few years we know that the company Hendricks is not a plant that produces huge lot with many employees, from of this, I chose this small business for good construction craft but for the opportunity to get help and also ensured the replacement of all defective parts that need it more?
and then I like what is a little different from conventional assemblies, it is even possible to talk to the "daddy" and change things if you want, and more ... it's interesting to ham radio I think ...
PFR3 this to the advantage of being powerful enough to have a tuning system integrated antenna, no need for a "box" and more, and a balanced output and the receipt and correct as far as I read, there is room to put an amplifier and a speaker, the price is also very attractive, so if it's a bit long to wait for the answers and the kit, well we know why we accept this principle or the second solution: we leave more money and we will buy elsewhere ... H.I.
All 73S
jp F6DDV

Another thing:
I wonder if I will not try to BS170 two parallel instead of one on my DC30B, one must gain some W and suffer less, it takes no more space ...
I think I'll order a kit DCxxxB and try to make a 3-band with small plug-in modules, or switch.
the concept of mounting is simple and good and 1 W output is easily good for a TRX already so small.
we just think of something small to 3 quarts of QRP frequencies with some VXO, easy, I think about this for a while ...
may be a printed circuit board and more possible to have?
I no longer hope for the boxes, they are no longer available, we must find something else not too big to fit in your pocket ...

Hi John,

One thing I love about building qrp kits is that it teaches me to be patient. And I mean that in the nicest way possible. I had a problem with U7, which wasn't programmed. Once this group helped me identify that as the problem, an email to Doug was all it took. He popped two replacements in the mail that same day. I live Down Under, so the post took over two weeks but it did eventually arrive and I am now back on track with group 1 testing working out as it should. You can follow my build progress on my blog, which you can find here: http://vk4jaz.wordpress.com/
Oh, and my next purchase from Doug will be the Deluxe Tenna Dipper, as it looks like an invaluable piece of gear to have around the shack.

Regards
Grant VK4JAZ

2851. Re: [pfr3_group] Re: Dead tenna dipper

Yahoo group: pfr3_group
Date: 2011-07-22 10:29:05 UTC
From: f6ddv
Topic: 2790 Message: 2851

Hello
Is it possible to add a small galvanometer in parallel with the diode (with the resistance of course)
I have some small S-meter as that consume very little in volts ...It's just an idea in the air like that ...
73s of F6DDV

Grant,

Doug and KD1JV came through again. I just finished my Deluxe Antenna Dipper and it's a hoot.... I did like the old one but having to wait for my brain to interpret the cw frequency was a chore at times... the direct LED readout is fantastic. Thanks all for another useful shack or portable tool for my go box.

Dave K8WPE

From: Grant <grantmcduling@yahoo.com.au>
To: pfr3_group@yahoogroups.com
Sent: Thursday, July 21, 2011 7:55 PM
Subject: [pfr3_group] Re: Dead tenna dipper

Hi John,

One thing I love about building qrp kits is that it teaches me to be patient. And I mean that in the nicest way possible. I had a problem with U7, which wasn't programmed. Once this group helped me identify that as the problem, an email to Doug was all it took. He popped two replacements in the mail that same day. I live Down Under, so the post took over two weeks but it did eventually arrive and I am now back on track with group 1 testing working out as it should. You can follow my build progress on my blog, which you can find here: http://vk4jaz.wordpress.com/
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Regards
Grant VK4JAZ

2852. Re: [pfr3_group] position the LED display module

Yahoo group: pfr3_group
Date: 2011-07-22 14:10:47 UTC
From: ckwishmeier@cs.com
Topic: 2840 Message: 2852

The Dayton Hamfest is in Dayton, Ohio where I grew up. I've been going to that one for 45 years.

Keith

-----Original Message-----
From: f6ddv <f6ddv@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Jul 21, 2011 6:17 pm
Subject: Re: [pfr3_group] position the LED display module

☐
OK Keith

I often work this way in many montages, even mechanical.
The assembly compared without using a measurement tool as it can be done because the materials are never perfectly regular.
on the LED display, like this one is absolutely certain that it will be exactly the right place.
I just finished the group # 1 and test their smoke and I started the group two tonight

Dayton Oh! ...
Dayton is located or in what state USA?
I do not think that I would one day here, but just to know? ...

soon all
F6DDV

----- Original Message -----
From: ckwishmeier@...
To: pfr3_group@yahoogroups.com
Sent: Thursday, July 21, 2011 8:17 PM
Subject: Re: [pfr3_group] position the LED display module

I did it the hard way a year ago with my PFR-3A. However, this was the method I used with my Tenna Dipper picked up at Dayton Hamfest.

Keith
WA9S

I did it the hard way a year ago with my PFR-3A. However, this was the method I used with my Tenna Dipper picked up at Dayton Hamfest.

Keith
WA9S

2853. Need Dec 1988 CQ

Yahoo group: pfr3_group
Date: 2011-07-22 15:40:04 UTC
From: David Wilcox
Topic: 2853 Message: 2853

Does anyone have a December 1988 CQ they will sell or loan me. I need a pristine copy of an article in it and would just like to purchase the issue.

Please respond off list at Djwilcox01@...

Dave K8WPE

2854. 100 p (101) NPO, DISK BROWN

Yahoo group: pfr3_group
Date: 2011-07-22 22:45:20 UTC
From: f6ddv
Topic: 2854 Message: 2854

Hello everyone
I am a bit embarrassed by a series of capacitors are very difficult to set up, remove the insulation and twist the legs to bring them closer, and even then they go down hard, it's impossible to beat without destroying them.
(C7, 8, 9, 10, 11, 13, 14 and C43 and 44)
These capacitors of 100 pF disc (101) are much too high, they do not lack much so that they touch the bottom of the case.
I hesitate because I have here 100 pF ceramic blue much smaller, there are at 9 and very difficult to install, I managed to put in place by pushing hard,
but they are huge and the picture it is clear yellow capacitors are much smaller than those provided. that models are a bit old ...
I did my best and yet, I did not ask them their opinion, they went to their place by pushing hard! H. I. ....
I did not welded, I hesitate a little, I do not find this beautiful ... maybe tomorrow it will be removed, because the XTAL be a fair bit to put in place as well.
It's a shame because there are many different brands and there are smaller models, some models are difficult to recognize as well.
73S
JP F6DDV

2855. Re: [pfr3_group] 100 p (101) NPO, DISK BROWN

Yahoo group: pfr3_group
Date: 2011-07-23 00:27:39 UTC
From: Mike Malone
Topic: 2854 Message: 2855

put some "z" bends in the leads with your needle nose pliers, they will be
fine... don't remove the insulation or twist the legs though, you might end
up killing them.

Mike KD5KXF

On Fri, Jul 22, 2011 at 5:45 PM, f6ddv <f6ddv@...> wrote:

> **
>
>
> **
> Hello everyone
> I am a bit embarrassed by a series of capacitors are very difficult to set
> up, remove the insulation and twist the legs to bring them closer, and even
> then they go down hard, it's impossible to beat without destroying them.
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> at 9 and very difficult to install, I managed to put in place by pushing
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> models, some models are difficult to recognize as well.
> 73S
> JP F6DDV
>
>

2856. Re: [pfr3_group] 100 p (101) NPO, DISK BROWN

Yahoo group: pfr3_group
Date: 2011-07-23 00:43:54 UTC
From: Gerry
Topic: 2854 Message: 2856

Sent from my Samsung Replenish

f6ddv <f6ddv@wanadoo.fr> wrote:

>Hello everyone
>I am a bit embarrassed by a series of capacitors are very difficult to set up, remove the insulation and twist the legs to bring them closer, and even then they go down hard, it's impossible to beat without destroying them.
>(C7, 8, 9, 10, 11, 13, 14 and C43 and 44)
>These capacitors of 100 pF disc (101) are much too high, they do not lack much so that they touch the bottom of the case.
>I hesitate because I have here 100 pF ceramic blue much smaller, there are at 9 and very difficult to install, I managed to put in place by pushing hard,
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>I did not welded, I hesitate a little, I do not find this beautiful ... maybe tomorrow it will be removed, because the XTAL be a fair bit to put in place as well.
>It's a shame because there are many different brands and there are smaller models, some models are difficult to recognize as well.
>73S
>JP F6DDV

2857. Re: [pfr3_group] Dayton Hamfest !

Yahoo group: pfr3_group
Date: 2011-07-23 10:02:50 UTC
From: f6ddv
Topic: 2857 Message: 2857

Hello again Keith
I think I realized that a rally is very important, because many vendors USA and elsewhere were absent from home as I tried to order materials ...
It was very hard ... H. I.
(Do not order at the time of Dayton hamfest! .....)
Jp F6DDV of 73s
----- Original Message -----
From: ckwishmeier@...
To: pfr3_group@yahoogroups.com
Sent: Friday, July 22, 2011 4:10 PM
Subject: Re: [pfr3_group] position the LED display module

The Dayton Hamfest is in Dayton, Ohio where I grew up. I've been going to that one for 45 years.

Keith

-----Original Message-----
From: f6ddv <f6ddv@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Jul 21, 2011 6:17 pm
Subject: Re: [pfr3_group] position the LED display module
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The assembly compared without using a measurement tool as it can be done because the materials are never perfectly regular.
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I just finished the group # 1 and test their smoke and I started the group two tonight

Dayton Oh! ...
Dayton is located or in what state USA?
I do not think that I would one day here, but just to know? ...

soon all
F6DDV

2858. Re: [pfr3_group] 100 p (101) NPO, DISK BROWN

Yahoo group: pfr3_group
Date: 2011-07-23 12:26:20 UTC
From: f6ddv
Topic: 2854 Message: 2858

Hi Mike
Yes, it is also a solution, but it leads to an aditional rise up, and I see that compared to the LED display which is the limit there are only very few,
and I do not like capacitors are too close to the mass of the box as it is a parasitic capacitance and more.
I'll leave them on, I broke very closely with the tongs and taking care of the insulation ceramic pellets, then very carefully we manage to bring the legs
to be almost in proportion to the space the two holes.
I'm used to this, the capacitor 9 are in good health! H. I. But I still say they are too large.
But this way, they are not too close to the case, I'll leave them on, I do not replace them because I am also to models with a different reactor,
the ceramic discs are in very pure HF.
But you are right, this is very difficult, it takes time and a little patience with each capacitor.
Well, we've had worse than this, it does not matter, it is more useful information on this list very useful.
I make a macro picture of each stage group 1, 2 and subsequently
It's easy and can be useful to other ham radio, and then also remember ...
73s and soon the group pfr3
F6DDV Jean-paul

----- Original Message -----
From: Mike Malone
To: pfr3_group@yahoogroups.com
Sent: Saturday, July 23, 2011 2:27 AM
Subject: Re: [pfr3_group] 100 p (101) NPO, DISK BROWN

put some "z" bends in the leads with your needle nose pliers, they will be fine... don't remove the insulation or twist the legs though, you might end up killing them.

Mike KD5KXF

On Fri, Jul 22, 2011 at 5:45 PM, f6ddv <f6ddv@...> wrote:

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but they are huge and the picture it is clear yellow capacitors are much smaller than those provided. that models are a bit old ...

I did my best and yet, I did not ask them their opinion, they went to their place by pushing hard! H. I. ....
I did not welded, I hesitate a little, I do not find this beautiful ... maybe tomorrow it will be removed, because the XTAL be a fair bit to put in place as well.
It's a shame because there are many different brands and there are smaller models, some models are difficult to recognize as well.
73S
JP F6DDV

2859. Magnetic measurements of the wires in #?

Yahoo group: pfr3_group
Date: 2011-07-24 15:35:13 UTC
From: f6ddv
Topic: 2859 Message: 2859

Hello
I see references Wire
30 # 28 # 24 enameled wire called the magnetic wire
I am not accustomed to writing this way so I took the device to measure the diameter of the three wires provided.

I find 0.65 mm 0.33 mm 0.26 mm metric

I guess:
30 = 0.65 mm
28 = 0.33 mm
24 = 0.26 mm
normally it can not be anything or it's the wrong way ...
73s
jp F6DDV

2860. Re: [pfr3_group] Magnetic measurements of the wires in #?

Yahoo group: pfr3_group
Date: 2011-07-24 15:38:43 UTC
From: lee
Topic: 2859 Message: 2860

The higher the number the smaller the wire. In other words, the #30 is the smallest wire and the # 24 is the bigger wire.

Lee, w0vt

From: f6ddv
Sent: Sunday, July 24, 2011 10:35 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Magnetic measurements of the wires in #?

Hello
I see references Wire
30 # 28 # 24 enameled wire called the magnetic wire
I am not accustomed to writing this way so I took the device to measure the diameter of the three wires provided.

I find 0.65 mm 0.33 mm 0.26 mm metric

I guess:
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28 = 0.33 mm
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normally it can not be anything or it's the wrong way ...
73s
jp F6DDV

2861. Re: [pfr3_group] Magnetic measurements of the wires in #?

Yahoo group: pfr3_group
Date: 2011-07-24 15:53:15 UTC
From: f6ddv
Topic: 2859 Message: 2861

Hi Lee
Oh yes indeed, I just realize this
from the assembly because it is naturally the opposite ...
put the # 24 (40 rounds) on a T37-2, Hum ...

30 = 0,26 mm
28 = 0,33 mm
24 = 0,65 mm

73s
jp F6DDV

----- Original Message -----
From: lee
To: pfr3_group@yahoogroups.com
Sent: Sunday, July 24, 2011 5:38 PM
Subject: Re: [pfr3_group] Magnetic measurements of the wires in #?

The higher the number the smaller the wire. In other words, the #30 is the smallest wire and the # 24 is the bigger wire.

Lee, w0vt

Hello
I see references Wire
30 # 28 # 24 enameled wire called the magnetic wire
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normally it can not be anything or it's the wrong way ...
73s
jp F6DDV

2862. Re: [pfr3_group] Magnetic measurements of the wires in #?

Yahoo group: pfr3_group
Date: 2011-07-24 15:58:52 UTC
From: lee
Topic: 2859 Message: 2862

You have it correct now. #30 = 0,26mm.

Lee, w0vt

From: f6ddv
Sent: Sunday, July 24, 2011 10:53 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Magnetic measurements of the wires in #?

Hi Lee
Oh yes indeed, I just realize this
from the assembly because it is naturally the opposite ...
put the # 24 (40 rounds) on a T37-2, Hum ...

30 = 0,26 mm
28 = 0,33 mm
24 = 0,65 mm

73s
jp F6DDV

2863. Re: [pfr3_group] Magnetic measurements of the wires in #?

Yahoo group: pfr3_group
Date: 2011-07-24 16:04:58 UTC
From: lee
Topic: 2859 Message: 2863

JP,

When you wind L1 and T1, (T-37-2), you use 40 turns of number #30 wire which is the 0,26mm wire.

Lee, w0vt

From: f6ddv
Sent: Sunday, July 24, 2011 10:53 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Magnetic measurements of the wires in #?

Hi Lee
Oh yes indeed, I just realize this
from the assembly because it is naturally the opposite ...
put the # 24 (40 rounds) on a T37-2, Hum ...

30 = 0,26 mm
28 = 0,33 mm
24 = 0,65 mm

73s
jp F6DDV

----- Original Message -----
From: lee
To: pfr3_group@yahoogroups.com
Sent: Sunday, July 24, 2011 5:38 PM
Subject: Re: [pfr3_group] Magnetic measurements of the wires in #?

The higher the number the smaller the wire. In other words, the #30 is the smallest wire and the # 24 is the bigger wire.

Lee, w0vt
Hello
I see references Wire
30 # 28 # 24 enameled wire called the magnetic wire
I am not accustomed to writing this way so I took the device to measure the diameter of the three wires provided.

I find 0.65 mm 0.33 mm 0.26 mm metric

I guess:
30 = 0.65 mm
28 = 0.33 mm
24 = 0.26 mm
normally it can not be anything or it's the wrong way ...
73s

jp F6DDV

2864. Re: [pfr3_group] Magnetic measurements of the wires in #?

Yahoo group: pfr3_group
Date: 2011-07-24 17:17:56 UTC
From: f6ddv
Topic: 2859 Message: 2864

Yes Lee, right
what I wrote below was to say that I thought that 40 rounds of 0.65mm (# 24) on T37-2 is almost impossible
and it was proof that I had completely reversed the list
73S
jp F6DDV

----- Original Message -----
From: lee
To: pfr3_group@yahoogroups.com
Sent: Sunday, July 24, 2011 6:04 PM
Subject: Re: [pfr3_group] Magnetic measurements of the wires in #?

JP,

When you wind L1 and T1, (T-37-2), you use 40 turns of number #30 wire which is the 0,26mm wire.

Lee, w0vt

From: f6ddv
Sent: Sunday, July 24, 2011 10:53 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Magnetic measurements of the wires in #?

Hi Lee
Oh yes indeed, I just realize this
from the assembly because it is naturally the opposite ...
put the # 24 (40 rounds) on a T37-2, Hum ...

30 = 0,26 mm
28 = 0,33 mm
24 = 0,65 mm

73s
jp F6DDV

2865. RE: [pfr3_group] Magnetic measurements of the wires in #?

Yahoo group: pfr3_group
Date: 2011-07-24 20:38:01 UTC
From: Jerry Haigwood
Topic: 2859 Message: 2865

JP, Do a search on the internet of "American Wire Gauge" and should be able to see all the sizes.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of f6ddv
Sent: Sunday, July 24, 2011 10:35 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Magnetic measurements of the wires in #?

Hello
I see references Wire
30 # 28 # 24 enameled wire called the magnetic wire
I am not accustomed to writing this way so I took the device to measure the diameter of the three wires provided.

I find 0.65 mm 0.33 mm 0.26 mm metric

I guess:
30 = 0.65 mm
28 = 0.33 mm
24 = 0.26 mm
normally it can not be anything or it's the wrong way ...
73s
jp F6DDV

2866. Re: [pfr3_group] Magnetic measurements of the wires in #?

Yahoo group: pfr3_group
Date: 2011-07-24 20:47:14 UTC
From: f6ddv
Topic: 2859 Message: 2866

And more ...
But I'll have to read very carefully, as some cores as T1 are not shown in photo, while the T3 is fully described
T1 is a bit difficult to understand the assembly instructions, I think I would see it tomorrow with your head a little more relaxed
73s
jp F6DDV

Yes Lee, right
what I wrote below was to say that I thought that 40 rounds of 0.65mm (# 24) on T37-2 is almost impossible
and it was proof that I had completely reversed the list
73S
jp F6DDV

jp,
When you wind L1 and T1, (T-37-2), you use 40 turns of number #30 wire which is the 0,26mm wire.

Lee, w0vt

Hi Lee
Oh yes indeed, I just realize this
from the assembly because it is naturally the opposite ...
put the # 24 (40 rounds) on a T37-2, Hum ...

30 = 0,26 mm
28 = 0,33 mm
24 = 0,65 mm

73s
jp F6DDV

2867. Re: [pfr3_group] T1

Yahoo group: pfr3_group
Date: 2011-07-25 17:43:09 UTC
From: f6ddv
Topic: 2867 Message: 2867

Hello again
I must have a different spirit from that which is drawing to ...
Because I already had a doubt that the primary and secondary coils were wound in the same direction ...
as I look at the drawing for five turns, I see only four passes, and the other great winding turns 40, it should not be the complete tour, but I think I understand ...
otherwise, a photo for the establishment of outlets over the holes in the circuit would be useful, it is easy to go wrong with the loop and we need to understand
explanation of the translation ...
3 outputs and 4 holes, fortunately there is the schematic to figure out that perhaps the loop is grounded
for others it's simpler cores
soon, 73s
jp F6DDV
----- Original Message -----
From: f6ddv
To: pfr3_group@yahoogroups.com
Sent: Sunday, July 24, 2011 10:47 PM
Subject: Re: [pfr3_group] Magnetic measurements of the wires in #?

And more ...
But I'll have to read very carefully, as some cores as T1 are not shown in photo, while the T3 is fully described
T1 is a bit difficult to understand the assembly instructions, I think I would see it tomorrow with your head a little more relaxed
73s
jp F6DDV

Yes Lee, right
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and it was proof that I had completely reversed the list
73S
jp F6DDV

jp,
When you wind L1 and T1, (T-37-2), you use 40 turns of number #30 wire which is the 0,26mm wire.

Lee, w0vt

Hi Lee
Oh yes indeed, I just realize this
from the assembly because it is naturally the opposite ...
put the # 24 (40 rounds) on a T37-2, Hum ...

30 = 0,26 mm
28 = 0,33 mm
24 = 0,65 mm

73s
jp F6DDV

2868. Re: [pfr3_group] T1

Yahoo group: pfr3_group
Date: 2011-07-25 17:50:56 UTC
From: lee
Topic: 2867 Message: 2868

JP,

The reason the board has 4 holes is because after you wind the 5 turn link by looping the wire, YOU THEN CUT THE LOOP WIRE. You now have 4 wire ends. Yes, both wires cut from the loop are grounded through each of the 2 holes.

Lee, w0vt

From: f6ddv
Sent: Monday, July 25, 2011 12:43 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] T1

Hello again
I must have a different spirit from that which is drawing to ...
Because I already had a doubt that the primary and secondary coils were wound in the same direction ...
as I look at the drawing for five turns, I see only four passes, and the other great winding turns 40, it should not be the complete tour, but I think I understand ...
otherwise, a photo for the establishment of outlets over the holes in the circuit would be useful, it is easy to go wrong with the loop and we need to understand
explanation of the translation ...
3 outputs and 4 holes, fortunately there is the schematic to figure out that perhaps the loop is grounded
for others it's simpler cores
soon, 73s
jp F6DDV
----- Original Message -----
From: f6ddv
To: pfr3_group@yahoogroups.com
Sent: Sunday, July 24, 2011 10:47 PM
Subject: Re: [pfr3_group] Magnetic measurements of the wires in #?

And more ...
But I'll have to read very carefully, as some cores as T1 are not shown in photo, while the T3 is fully described
T1 is a bit difficult to understand the assembly instructions, I think I would see it tomorrow with your head a little more relaxed
73s
jp F6DDV

Yes Lee, right
what I wrote below was to say that I thought that 40 rounds of 0.65mm (# 24) on T37-2 is almost impossible
and it was proof that I had completely reversed the list
73S

jp F6DDV

jp,
When you wind L1 and T1, (T-37-2), you use 40 turns of number #30 wire which is the 0,26mm wire.

Lee, w0vt
Hi Lee
Oh yes indeed, I just realize this
from the assembly because it is naturally the opposite ...
put the # 24 (40 rounds) on a T37-2, Hum ...

30 = 0,26 mm
28 = 0,33 mm
24 = 0,65 mm

73s
jp F6DDV

2869. Re: [pfr3_group] T1

Yahoo group: pfr3_group
Date: 2011-07-25 19:49:20 UTC
From: f6ddv
Topic: 2867 Message: 2869

Hi Lee
Thank you for answering me, and also to other ham radio
Indeed, now that I begin to understand it all makes sense, but may be afraid to make mistakes in meaning and be forced to use the desoldering braid to a place like that, I do not too much, sometimes it's the damage.
Now everything is clear and simple, but initially it leaves a little waiting, if I had not looked at the schematic I think I always wondered what it's like this drawing ... H. I.
Especially when several things and we are only 5 minutes trying to figure out, you say "this is not possible that I am my intelligent monkey ... What is that thing?" ...
Well, I'll continue to work a little on the small yellow box a little every day rather than talking stupidly, H. I.
We must spend 5 times the core wire in circles? because the drawing I see only 4 times ...
A wire passing through the torus = normally a complete turn and here we speak of turns around ... it's different and it is important for all cores, it can be a source of errors and malfunction, I read it for other kits is a discussion known, two loops of finite torus = 2 turns + 1 / 2 turn in induction ...
73s
jp F6DDV

JP,

The reason the board has 4 holes is because after you wind the 5 turn link by looping the wire, YOU THEN CUT THE LOOP WIRE. You now have 4 wire ends. Yes, both wires cut from the loop are grounded through each of the 2 holes.

Lee, w0vt

From: f6ddv
Sent: Monday, July 25, 2011 12:43 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] T1

Hello again
I must have a different spirit from that which is drawing to ...
Because I already had a doubt that the primary and secondary coils were wound in the same direction ...
as I look at the drawing for five turns, I see only four passes, and the other great winding turns 40, it should not be the complete tour, but I think I understand ...
otherwise, a photo for the establishment of outlets over the holes in the circuit would be useful, it is easy to go wrong with the loop and we need to understand
explanation of the translation ...
3 outputs and 4 holes, fortunately there is the schematic to figure out that perhaps the loop is grounded
for others it's simpler cores
soon, 73s
jp F6DDV

2870. Fw: [pfr3_group] T1

Yahoo group: pfr3_group
Date: 2011-07-25 22:12:33 UTC
From: f6ddv
Topic: 2870 Message: 2870
Attachments: 2 described; binary payloads are missing from this source WARC

----- Original Message -----
From: f6ddv
To: f6ddv
Sent: Tuesday, July 26, 2011 12:10 AM
Subject: Re: [pfr3_group] T1

Hello again
Can be shown that way it would be useful ...
(I wish I had that)
I can ship in + high definition one who wants
All 73S
jp F6DDV IN88GQ

2871. Re: [CW-QRP-Homebrewers] Re: Batteries, again

Yahoo group: pfr3_group
Date: 2011-07-26 13:43:04 UTC
From: f6ddv
Topic: 2871 Message: 2871

Hi Bob and other
There are a lot of progress on LiPo batteries (3.7 V) is 3.6 V LiIon and rather Reclaim laptop, less efficient?
Prices fall a lot, and some sellers of China (the willing sellers for the model) are very interesting LiPo packs.
The pfr3 progressing slowly, there are doubts sometimes, and I am a bit picky and very strict on the accuracy.
I decided to put the story in pictures, not because I'm better, but instead to show my problems and my issues were the responses of friends from the good mount, so that the ham radio that ask questions sometimes find the answers that I had trouble finding ...
And there are further questions, you can make mistakes, I do not like to redo desoldering.
It is important macro photos and clear explanations.
I discovered with great surprise that other ham radio had posted albums, I can be a bit silly, but I did not know ...
No one had said there were many such albums.
It is easier to get into a good drawing or a good picture than trying to explain in writing sometimes.
I think Hendricks society should place on the assembly instructions on the Web online hypertext to the right pictures probably better than ours.
We can make mistakes, but they are more qualified.
All 73S
jp F6DDV
http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list

From: OllySteed@...
To: CW-QRP-Homebrewers@yahoogroups.com
Sent: Tuesday, July 26, 2011 1:56 PM
Subject: Re: [CW-QRP-Homebrewers] Re: Batteries, again

☐ Hi JP,well I do not operate portable much and when I do it is from my car battery. I have studied a bit about different batteries and how a bigger AMP battery can actually give less time (if you read the long post I made the other day). But I also fly RC choppers and had issues with some b
Very high priced lipos but now I think most are using. Li th-ion? Typo? To sum it up there is now free lunch but you can always get something better and in this case longer operating time. Your post with some others here are very educational and much appreciated. How is the Pfr3 coming along? Bob AF2Q

Former Member of the 12 O'clock High Skydiveing Team

From: "f6ddv" <f6ddv@...>
Sender: CW-QRP-Homebrewers@...m
Date: Tue, 26 Jul 2011 12:50:47 +0200
To: <CW-QRP-Homebrewers@yahoogroups.com>
ReplyTo: CW-QRP-Homebrewers@yahoogroups.com
Subject: Re: [CW-QRP-Homebrewers] Re: Batteries, again

Hi Bob
Yes, this principle is correct on the principle of pure calculation, but it's not that simple.
But the difference is the internal resistance of the Cell Battery
That is why with some volts batteries fall more easily, because they produce it in the heat or gas not used in W output, and that the manufacturer does not say.
Lead acid batteries are the thickness of lead that reduces and also the quality of lead oxide, and I noticed that lie on the same power intantanée, on top and put a shunt that requires large amount of amps there can be big differences between two marks, or it is marked the same number in amperes per hour ...
This way you can test the effectiveness of any cell battery, and you'll be very happy or very disappointed ...
The ability to provide a large instantaneous power concervant the same potential difference is a good sign.
On a Cell Lipo battery, you ask about the V 15 A does hardly fall, while HF 5 W with 10% efficiency, resulting in 5.5 w 460mA then, it will not do a lot of drop-volt unless the internal resistance of the battery cell is added and there are W and more consumed by this.
This is unfortunately the case with many cell batteries with a construction technology a little worse.
The also saw the 2800 mA / h some cell batteries were a pure lie, so I searched and compared as the lead-acid batteries.
The disappointment was great on unknown brands built with materials of poor quality.
and you can be certain that the internal resistance of the Cell battery is very high, and as you multiply by a large number of batteries in series, it is a disaster, and I can also speak to the contact resistance, especially if the box assembly is made with lots of chrome springs and contacts ... that adds strength, if not welded.
Exactly, this is rarely the case on LiPo as a cell lipo alone is already 3.7 volts, it takes less to 12 volts.
But everyone is free to do or think as he wants, he must above all be tested extensively.
73 s
Jean paul F6DDV

From: OllySteed@...
To: CW-QRP-Homebrewers@yahoogroups.com
Sent: Tuesday, July 26, 2011 12:12 PM
Subject: Re: [CW-QRP-Homebrewers] Re: Batteries, again

I look at it this way
5 Watts is 5 watts.
You use 5 watts then you draw enough amps to get those 5 watts no matter what battery you use
When those amps drop down the voltage drops with it
BOB
AF2Q

In a message dated 7/26/2011 6:54:24 A.M. Atlantic Daylight Time, f6ddv@... writes:
☐
Hello Chris and the guys at bob + list
I think we talk about power QRP 5 W or 10 W maximum RF Radiated?
We must know what we are talking about and exactly what you want
LiPo batteries are small in size and very lightweight, QRP activity we are talking about, why weight is important, lead-acid batteries is to set aside for transportation for me.

A 3 cell Lipo battery cells in 30C provides 5 amps continuous
and weighs 300 grams and it is almost in hand.
It gives a sufficient pfr3 volts or HB-1A with no drop in volts.
15 amps but accepts without flinching a brushless motor that draws 15 amps hanging over 1 / 4 hours
a 5 W QRP you take the day without any problems on CW.
10-W SSB or PSK at least 5 hours.
I tried with lead-acid batteries 7 amps / h they do not even do that, maybe the manufacturers of lead acid batteries do not tell the truth about the capacity of their batteries, and I would forget the cell NIMH batteries is a catastrophe, for the same value ... and they lose their ability without using only two weeks to rest, as they are to use the 1 / 3 of the capacity was "surge"!
Never a cell LiPo battery will do that, it retains its volts for very long.
You know, the Aero model makers are not kidding about the effectiveness of cell batteries, we can have confience.
the former were better than NICD NIMH chemical but the memory required special attention in the interview.
Or you must go to the very high quality NIMH, and then my friends you can make money!
So I naturally came to that conclusion, and I tested.
There are far superior in power, but stay with the LiPo 5000 mA / h seems to me enough, you can have several, it's better to be able to recharge in sun or have 2 or 3 charged in advance for the laptop.
73s to all
from F6DDV IN88GQ

2872. Re: [CW-QRP-Homebrewers] SA 602 A

Yahoo group: pfr3_group
Date: 2011-07-26 17:26:02 UTC
From: f6ddv
Topic: 2872 Message: 2872

Hello all
I received my kit in a SA602A and SA612A
instead of two SA 612A
The SA602A is this the same family?
73s
jp F6DDV

2873. Re: [pfr3_group] Re: [CW-QRP-Homebrewers] SA 602 A

Yahoo group: pfr3_group
Date: 2011-07-26 19:51:18 UTC
From: Steve Smith
Topic: 2872 Message: 2873

Yes, it is. The 602 was the earlier chip and has slightly more gain but hardly enough difference to be noticeable.

Best of luck with the rest of the project.

73.......Steve Smith WB6TNL

2874. Re: [pfr3_group] Re: [CW-QRP-Homebrewers] SA 602 A

Yahoo group: pfr3_group
Date: 2011-07-26 21:00:57 UTC
From: f6ddv
Topic: 2872 Message: 2874

Good evening again
Thank you Steve and Bob, it's always nice to know when one has a doubt, I put the 102 in U1 if it is better ... H. I.
Just one question: If we want to advance in the assembly and let the smoke test number 2 from the side and back then, I think that's possible? course, even as I try the RX ... maybe at the beginning of a fast pitch with the VFO trimmer C16 is enough until something better.
I just got the small generator Elecraft but I did not well in hand, and my scope is passed QRT (smoke) not repairable.
I understand that such an oscilloscope soft free by the sound card would be OK? For the 10 MHz WWW possible, I will Qualibre a small portable frequency counter with the help of this particular radio signal and an oscillator and then it will be possible to settle 10.MHz correctly I think, I can not understand any English, but in return many times I begin to understand better after a night's rest ... H. I.
I noticed that T1 is better presented as the nucleus is at right angles to the drawing, and yet I do exactly the turns as indicated (see the photo I put macro)
But I have to change because everything was not in place.
It's good if this mounting ...
Thank you to everyone on this list
see you soon
jp F6DDV

From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Tuesday, July 26, 2011 9:51 PM
Subject: Re: [pfr3_group] Re: [CW-QRP-Homebrewers] SA 602 A

Yes, it is. The 602 was the earlier chip and has slightly more gain but hardly enough difference to be noticeable.

Best of luck with the rest of the project.

73.......Steve Smith WB6TNL

2875. Re: [pfr3_group] Re: [CW-QRP-Homebrewers] SA 602 A

Yahoo group: pfr3_group
Date: 2011-07-26 21:51:44 UTC
From: Steven Weber
Topic: 2872 Message: 2875

Yes, they are interchangable/

Hello all
I received my kit in a SA602A and SA612A
instead of two SA 612A
The SA602A is this the same family?
73s
jp F6DDV

2876. Re: [pfr3_group] Re: [CW-QRP-Homebrewers] SA 602 A

Yahoo group: pfr3_group
Date: 2011-07-27 08:45:06 UTC
From: f6ddv
Topic: 2872 Message: 2876

Thanks Steven
I suppose the SA602 is better for use to U1 ?
73s
jp F6DDV

----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Tuesday, July 26, 2011 11:51 PM
Subject: Re: [pfr3_group] Re: [CW-QRP-Homebrewers] SA 602 A
☐

Yes, they are interchangable/

Hello all
I received my kit in a SA602A and SA612A
instead of two SA 612A
The SA602A is this the same family?
73s
jp F6DDV

2877. Group 3 pretests

Yahoo group: pfr3_group
Date: 2011-07-27 10:33:31 UTC
From: Grant
Topic: 2877 Message: 2877

Hi guys, I have just completed the alignment of the receiver (thanks Ray, VK4ZW) and have now just completed populating the board with the group 3 components. I have successfully carried out the pretests, but have one question: with key down, pins 1 and 13 should read about 2.5v. My power supply (gel cel) is putting out 10.31v and I read 1.5v and 1.26v respectively on pins 1 and 13. I presume these readings are within the accepted voltages, given my power source.

Regards
Grant VK4ZW

2878. Re: [pfr3_group] Group 3 pretests

Yahoo group: pfr3_group
Date: 2011-07-27 15:04:26 UTC
From: Steve Smith
Topic: 2877 Message: 2878

Hi Grant,

Sounds suspicious to me. I would chalk it up to a DVM square-wave measuring issue if it weren't for the fact that the readings on pins 1 & 13 will always be equal as they are -hard wired- to each other.

I'd recommend double-checking those measurements and if necessary perform power-off continuity checks of the U8 connections.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@....au>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Group 3 pretests
Date: Wed, 27 Jul 2011 10:33:31 -0000

Hi guys, I have just completed the alignment of the receiver (thanks Ray, VK4ZW) and have now just completed populating the board with the group 3 components. I have successfully carried out the pretests, but have one question: with key down, pins 1 and 13 should read about 2.5v. My power supply (gel cel) is putting out 10.31v and I read 1.5v and 1.26v respectively on pins 1 and 13. I presume these readings are within the accepted voltages, given my power source.

Regards
Grant VK4ZW

2879. Re: [pfr3_group] Group 3 pretests

Yahoo group: pfr3_group
Date: 2011-07-27 15:14:39 UTC
From: Steven Weber
Topic: 2877 Message: 2879

The signal on Pins 1/13 is a 5V, RF square wave. Depending on the responce of the meter used, it should read the average votlage of 2.5 volts. But so long as it doesn't read a steady 0 or 5, then something is happening and is okay.

Steve KD1JV

> Hi guys, I have just completed the alignment of the receiver (thanks Ray,
> VK4ZW) and have now just completed populating the board with the group 3
> components. I have successfully carried out the pretests, but have one
> question: with key down, pins 1 and 13 should read about 2.5v. My power
> supply (gel cel) is putting out 10.31v and I read 1.5v and 1.26v
> respectively on pins 1 and 13. I presume these readings are within the
> accepted voltages, given my power source.
>

2880. Re: [pfr3_group] Group 3 pretests

Yahoo group: pfr3_group
Date: 2011-07-27 21:21:00 UTC
From: f6ddv
Topic: 2877 Message: 2880

Hello Steve and all
I finished the quick adjustment of the BFO, and the tone matches the Ten-Tec TRX pfr3 receives the good as well, but there is a small problem I think.
I plugged a wire sr R1 but it's no use, I do not mean much, even by setting C1 / C2. (Low) so I looked a little L1 and touching with the fingers I receive many CW is astonishing sensitivity, and even without the wire output Q1 - R1 51 ohm,
so I put a metal pin with hands on pin 1 of U1, OK strong signals in the helmet, also OK hotspot T1 and C2
even a little weak signals on the antenna 2 x 40 m! arrive in the pfr3, really strange. (Probably by the 10 V power supply for testing ...)
I am the way on the schematic and after 5 pF in C1 and T1 secondary is nothing ... and before T2 on OK
Even on the external antenna wire on R1 is low. L1 must touch ...
Can mean the impedance must be waiting for Q1 is in place?
I will continue to mount, but my first idea and it does not smell good for my transformer T1!?
or C79 ... I'll have to troubleshoot ... H. I.
Oh, there will be a good solution ...
I also feel that the measurements are disturbed as I go down with the key, the digits run, yet everything seems normal ... (HF may be)
73s
Jean Paul F6DDV

----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Wednesday, July 27, 2011 5:14 PM
Subject: Re: [pfr3_group] Group 3 pretests

The signal on Pins 1/13 is a 5V, RF square wave. Depending on the responce of the meter used, it should read the average votlage of 2.5 volts. But so long as it doesn't read a steady 0 or 5, then something is happening and is okay.

Steve KD1JV

> Hi guys, I have just completed the alignment of the receiver (thanks Ray,
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> components. I have successfully carried out the pretests, but have one
> question: with key down, pins 1 and 13 should read about 2.5v. My power
> supply (gel cel) is putting out 10.31v and I read 1.5v and 1.26v
> respectively on pins 1 and 13. I presume these readings are within the
> accepted voltages, given my power source.
>

2881. Re: Group 3 pretests

Yahoo group: pfr3_group
Date: 2011-07-28 01:02:24 UTC
From: Grant
Topic: 2877 Message: 2881

That's encouraging, Steve. I have re-read the voltage on the pins on Key up and down and this time got 0v on key up and 1.47 and 1.54 on key down. So I'll just keep on with the build and take it that all is OK.

Grant

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
>
> The signal on Pins 1/13 is a 5V, RF square wave. Depending on the responce
> of the meter used, it should read the average votlage of 2.5 volts. But so
> long as it doesn't read a steady 0 or 5, then something is happening and is
> okay.
>
> Steve KD1JV
>
>
> > Hi guys, I have just completed the alignment of the receiver (thanks Ray,
> > VK4ZW) and have now just completed populating the board with the group 3
> > components. I have successfully carried out the pretests, but have one
> > question: with key down, pins 1 and 13 should read about 2.5v. My power
> > supply (gel cel) is putting out 10.31v and I read 1.5v and 1.26v
> > respectively on pins 1 and 13. I presume these readings are within the
> > accepted voltages, given my power source.
> >
>

2882. Re: Group 3 pretests

Yahoo group: pfr3_group
Date: 2011-07-28 06:51:55 UTC
From: Grant
Topic: 2877 Message: 2882

An update. I have now taken measurements on all pins of U8 and compared them to the table in the documents. This is what I measured:

Pin Rx Tx
1 0 1.82
2 0 0
3 4.97 2.15
4 0 1.72
5 4.97 1.98
6 0 0
7 0 0
8 0 1.58
9 0 0
10 4.98 2.15
11 4.98 2.16
12 0 0
13 0 1.86
14 4.98 4.96

Quite a few are not as they should be. Does this indicate a bad component?

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
> That's encouraging, Steve. I have re-read the voltage on the pins on Key up and down and this time got 0v on key up and 1.47 and 1.54 on key down. So I'll just keep on with the build and take it that all is OK.
>
> Grant
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
> >
> >
> > The signal on Pins 1/13 is a 5V, RF square wave. Depending on the responce
> > of the meter used, it should read the average votlage of 2.5 volts. But so
> > long as it doesn't read a steady 0 or 5, then something is happening and is
> > okay.
> >
> > Steve KD1JV
> >
> >
> > > Hi guys, I have just completed the alignment of the receiver (thanks Ray,
> > > VK4ZW) and have now just completed populating the board with the group 3
> > > components. I have successfully carried out the pretests, but have one
> > > question: with key down, pins 1 and 13 should read about 2.5v. My power
> > > supply (gel cel) is putting out 10.31v and I read 1.5v and 1.26v
> > > respectively on pins 1 and 13. I presume these readings are within the

> > > accepted voltages, given my power source.
> > >
> >
>

2883. Re: [pfr3_group] Group 3 pretests

Yahoo group: pfr3_group
Date: 2011-07-28 10:28:41 UTC
From: f6ddv
Topic: 2877 Message: 2883

And the adventure continues, I always hear the CW with the plate on the lab table mounting DDV, but only by putting his finger on L1 and points on L1/C3
Does C3 5 pF is a little weak? I would see the RX later, it is tuned to the frequencies LED display says the same thing on my TE-TEC and transmission CW is of course also as I work with the simple key.
(I understand the Electronic dash-called fast track in the earphone, but not to the issue in the T-Tec RX)
The "Before Installing L7 test" is OK, FEW test of volts is OK to test point its proper volts as indicated on the label.
L7 is in place and I continue to Group 4
What do you think?
All 73S
jp F6DDV

Hello Steve and all
I finished the quick adjustment of the BFO, and the tone matches the Ten-Tec TRX pfr3 receives the good as well, but there is a small problem I think.
I plugged a wire sr R1 but it's no use, I do not mean much, even by setting C1 / C2. (Low) so I looked a little L1 and touching with the fingers I receive many CW is astonishing sensitivity, and even without the wire output Q1 - R1 51 ohm,
so I put a metal pin with hands on pin 1 of U1, OK strong signals in the helmet, also OK hotspot T1 and C2
even a little weak signals on the antenna 2 x 40 m! arrive in the pfr3, really strange. (Probably by the 10 V power supply for testing ...)
I am the way on the schematic and after 5 pF in C1 and T1 secondary is nothing ... and before T2 on OK
Even on the external antenna wire on R1 is low. L1 must touch ...
Can mean the impedance must be waiting for Q1 is in place?
I will continue to mount, but my first idea and it does not smell good for my transformer T1!?
or C79 ... I'll have to troubleshoot ... H. I.
Oh, there will be a good solution ...
I also feel that the measurements are disturbed as I go down with the key, the digits run, yet everything seems normal ... (HF may be)
73s
Jean Paul F6DDV

----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Wednesday, July 27, 2011 5:14 PM
Subject: Re: [pfr3_group] Group 3 pretests

The signal on Pins 1/13 is a 5V, RF square wave. Depending on the responce
of the meter used, it should read the average votlage of 2.5 volts. But so
long as it doesn't read a steady 0 or 5, then something is happening and is

okay.

Steve KD1JV

> Hi guys, I have just completed the alignment of the receiver (thanks Ray,
> VK4ZW) and have now just completed populating the board with the group 3
> components. I have successfully carried out the pretests, but have one
> question: with key down, pins 1 and 13 should read about 2.5v. My power
> supply (gel cel) is putting out 10.31v and I read 1.5v and 1.26v
> respectively on pins 1 and 13. I presume these readings are within the
> accepted voltages, given my power source.
>

2884. PFR3 Keyer

Yahoo group: pfr3_group
Date: 2011-07-28 11:02:20 UTC
From: Don McBride
Topic: 2884 Message: 2884

Hello Group,

My PFR-3 was one of the very first produced and has worked well from day number one with one nagging exception. Perhaps among the group, someone will shed some light on this.

The memory keyer "misfires" or skips dots, dashes or spaces intermittently. It sends find from the paddle but saved memories will come out different every time. The chip has already been swapped out with Steve Weber, as that was a bug in the first kits.

Has anyone been experiencing a similar problem with this otherwise excellent radio? I really like it and have made many contacts with it including DX, but the memory keyer is more senile than I am.

Thank you.
... 72,
... Don K3RLL

2885. Re: [pfr3_group] Re: Group 3 pretests

Yahoo group: pfr3_group
Date: 2011-07-28 12:25:28 UTC
From: Steven Weber
Topic: 2877 Message: 2885

> An update. I have now taken measurements on all pins of U8 and compared
> them to the table in the documents. This is what I measured:
>

I wish everyone had a 100 MHz Oscilloscope! Since the active signal on the pins during transmit are squarewaves at 7 MHz, the voltage you measure with a voltmeter depends on how the meter responds to RF and how it loads down the gate. Apparently, the meter you have isn't very good for this type of thing.

The important thing is that there appears to be an AC signal on the pins and that thier not stuck high or low. Thats the important thing. Just proceed.

Steve KD1JV

2886. Re: [pfr3_group] PFR3 Keyer

Yahoo group: pfr3_group
Date: 2011-07-28 12:28:03 UTC
From: Steven Weber
Topic: 2884 Message: 2886

Don,

The problem with the keyer memory studdering was discoved well after the one or two obvious bugs were found in the very early release of the kit. You'll need to have the chip updated again to fix the memory send problem.
Steve

>
> The memory keyer "misfires" or skips dots, dashes or spaces
> intermittently. It sends find from the paddle but saved memories will come
> out different every time. The chip has already been swapped out with Steve
> Weber, as that was a bug in the first kits.
>
> Has anyone been experiencing a similar problem with this otherwise
> excellent radio? I really like it and have made many contacts with it
> including DX, but the memory keyer is more senile than I am.
>

2887. Re: [pfr3_group] Re: Group 3 pretests

Yahoo group: pfr3_group
Date: 2011-07-28 17:24:44 UTC
From: f6ddv
Topic: 2877 Message: 2887

Hello again
It is quite true
I have to go to the evidence that many digital meters for volts bear very little action on circuits with a bit of HF and they "say anything"
which can be very annoying sometimes .
All 73s
F6DDV

----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Thursday, July 28, 2011 2:25 PM
Subject: Re: [pfr3_group] Re: Group 3 pretests

> An update. I have now taken measurements on all pins of U8 and compared
> them to the table in the documents. This is what I measured:
>

I wish everyone had a 100 MHz Oscilloscope! Since the active signal on the pins during transmit are squarewaves at 7 MHz, the voltage you measure with a voltmeter depends on how the meter responds to RF and how it loads down the gate. Apparently, the meter you have isn't very good for this type of thing.

The important thing is that there appears to be an AC signal on the pins and that thier not stuck high or low. Thats the important thing. Just proceed.

Steve KD1JV

2888. Re: Group 3 pretests

Yahoo group: pfr3_group
Date: 2011-07-28 22:47:20 UTC
From: Grant
Topic: 2877 Message: 2888

Thanks Steve, great insights for a learner like me! Much appreciated. I have just conducted a 'live' test in 'real' conditions. Hooked up the rig as it is to a dummy load, fired up my FT-450 and tuned it to 7.030 and sent some cw from the PFR-3 and heard it crisp and clearly from the speaker of my main rig. Beautiful. So I am satisfied that the transmitter is working as it should and will proceed. There is a qrp contest on Down Under on 3 Sept and I would love to participate with the PFR-3. But if I don't have it ready in time, I will fall back on my very trust DC40A.

Many thanks for your encouragement and advice.

Grant
VK4JAZ

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> > An update. I have now taken measurements on all pins of U8 and compared
> > them to the table in the documents. This is what I measured:
> >
>
> I wish everyone had a 100 MHz Oscilloscope! Since the active signal on the
> pins during transmit are squarewaves at 7 MHz, the voltage you measure with
> a voltmeter depends on how the meter responds to RF and how it loads down
> the gate. Apparently, the meter you have isn't very good for this type of
> thing.
>
> The important thing is that there appears to be an AC signal on the pins and
> that thier not stuck high or low. Thats the important thing. Just proceed.
>
> Steve KD1JV
>

2889. Laugh a little ...

Yahoo group: pfr3_group
Date: 2011-07-28 23:10:58 UTC
From: f6ddv
Topic: 2889 Message: 2889

Hello again
I said you would laugh ... but you have the right, H. I.
The T1 transformer was mounted upside down ... primary instead of secondary
Of course it does not help much to receive weak signals ...
Now it repaired rather quickly, but I'll repeat a T1 to a better head, because this one has suffered a bit ...
Jump mounting the pfr3 will soon be completed, I would not mind if there are no other surprises ...
it's strange I have a lot of 7 0.1 ufd capacitor (104) I have left in too ... How strange, yet the assembly is complete and I can not find error in this regard.
missing some components, but this is not a problem for me, I have in the drawers.
A question:
Some ham radio among us seem to have a little afraid that the heat BS170 or do not support the return HF
They are totally in parallel, why not solder a fourth or fifth? below ...
It does not come out may be more power, because the exit at the group entry will be the same but it can work more easily? I do not know ...
I ordered a few of these transistors in France from a vendor who sold really cheap.
soon, 73 s

2890. The next episode

Yahoo group: pfr3_group
Date: 2011-07-29 01:27:53 UTC
From: Grant
Topic: 2890 Message: 2890

Hi guys,

The next episode of my build has been published. Check it out here
http://vk4jaz.wordpress.com/

2891. Re: [pfr3_group] Laugh a little ...

Yahoo group: pfr3_group
Date: 2011-07-29 01:50:27 UTC
From: Steven Weber
Topic: 2889 Message: 2891

>Some ham radio among us seem to have a little afraid that the heat BS170 or
>do not support the return HF. They are totally in parallel, why not solder
>a fourth or fifth? below ...

While the BS170 have a reasonably small gate capacitance, but put too many in parallel and they will start to load down the driver gates to unacceptable levels. I.E., load the driving voltage down so it is not high enough to turn the BS170's on enough to get to a low resistance condition, and that would make them heat up and burn up.

The number three is a good compermise between having enough, but not too many. There are two things which makes the BS170 finals so effiecent, one is the fast on/off time due to the square wave drive and the other is the low on resistance, both of which minimize losses which casuse heat.

KD1JV

2892. Re: [pfr3_group] The next episode

Yahoo group: pfr3_group
Date: 2011-07-29 08:25:25 UTC
From: f6ddv
Topic: 2890 Message: 2892

Hello Grant and all
Well done the progress in assembling
I put only photos on the site pfr3, I already have enough errors, no need to write "long nonsense" H. I.
I already re-T1 ... H. I. (Laugh out loud ...)
I'm going back on the set because I just wedged the BFO with c16, so far I did not understand English the setting procedure, and I never saw the letters on the LED CAL.r display because I prefer not to be silly about it, I'll wait for the right measuring equipment Qualibre well, I think it's not very serious and that the default pfr3 works fine like that? ...
the tone is well in TX and RX is the same frequency as the big TRX as well.
But during testing I did not hear the CW dots and dashes in the large TRX, only in the earpiece ... curious ...
This is probably normal if the key works on the driver?
soon
jp F6DDV

----- Original Message -----
From: Grant
To: pfr3_group@yahoogroups.com
Sent: Friday, July 29, 2011 3:27 AM
Subject: [pfr3_group] The next episode

Hi guys,

The next episode of my build has been published. Check it out here
http://vk4jaz.wordpress.com/

2893. Re: [pfr3_group] Laugh a little ...

Yahoo group: pfr3_group
Date: 2011-07-29 08:38:02 UTC
From: f6ddv
Topic: 2889 Message: 2893

Understand Steve, very interesting
I thought adding a second in the small BS170 DC30B, but I should look at the driver may be.
73s
jp F6DDV
----- Original Message -----
From: Steven Weber
To: pfr3_group@...m
Sent: Friday, July 29, 2011 3:50 AM
Subject: Re: [pfr3_group] Laugh a little ...

>Some ham radio among us seem to have a little afraid that the heat BS170 or
>do not support the return HF. They are totally in parallel, why not solder
>a fourth or fifth? below ...

While the BS170 have a reasonably small gate capacitance, but put too many
in parallel and they will start to load down the driver gates to
unacceptable levels. I.E., load the driving voltage down so it is not high
enough to turn the BS170's on enough to get to a low resistance condition,
and that would make them heat up and burn up.

The number three is a good compermise between having enough, but not too
many. There are two things which makes the BS170 finals so effiecent, one is
the fast on/off time due to the square wave drive and the other is the low
on resistance, both of which minimize losses which casuse heat.

KD1JV

2894. T2 -Black core FT-4337

Yahoo group: pfr3_group
Date: 2011-07-29 10:49:10 UTC
From: f6ddv
Topic: 2894 Message: 2894

Hello everyone
I could be wrong, but the picture it seems to me that the primary and secondary are wound in the opposite direction?
73S
jp F6DDV

2895. Re: T2 -Black core FT-4337

Yahoo group: pfr3_group
Date: 2011-07-29 19:41:52 UTC
From: f6ddv
Topic: 2894 Message: 2895

Re goodnight (here is the night ...)
I have no opinion on the part of friends ...
but I think the meaning of the windings does not matter because it is just recovering from the back volt HF
and recover in the positive peaks for LED lighting ... ?
73s soon
jp F6DDV
----- Original Message -----
From: f6ddv
To: pfr3_group@yahoogroups.com
Sent: Friday, July 29, 2011 12:49 PM
Subject: T2 -Black core FT-4337

Hello everyone
I could be wrong, but the picture it seems to me that the primary and secondary are wound in the opposite direction?
73S
jp F6DDV

2896. Audio Mod

Yahoo group: pfr3_group
Date: 2011-07-30 21:14:14 UTC
From: k6mgo@verizon.net
Topic: 2896 Message: 2896

Just ordered my PFR3A and was reading the manual, and some of the posting here, and see that when I do a search for "Audio Mod" I get many hits. I see everything from 1 UF to 2.2 UF and 10 UF mentioned.

Was wondering, what most guys used for the cap? I have minor hearing loss, mostly upper speaking range of 2KHz and above.

I would like to do the mod on the first build, so I don't have to take the board in and out of the case too many times.

Thanks for any help,

73,

Bill, K6mgo

k6mgo at verizon dot net

2897. Re: [pfr3_group] Audio Mod

Yahoo group: pfr3_group
Date: 2011-07-30 23:20:15 UTC
From: Steve Smith
Topic: 2896 Message: 2897

I'd recommend leaving it as-is because there's a trade-off to increased gain: increased audio distortion. That 'mod' was for the early version PFR3 (no suffix).

If your hearing is OK around 700 Hz, where the PFR3A peaks, you should be OK. Actually, hearing loss at 2KHz might be a benefit in this application; rolls-off audio noise.

What earphones will you be using? If you have earphones that are relatively insensitive, that might be a reason to increase the gain of U4.

73.......Steve Smith WB6TNL

2898. Re: [pfr3_group] Audio Mod

Yahoo group: pfr3_group
Date: 2011-07-30 23:46:38 UTC
From: Larry Makoski
Topic: 2896 Message: 2898

On 7/30/2011 7:20 PM, Steve Smith wrote:
>
> I'd recommend leaving it as-is because there's a trade-off to
> increased gain: increased audio distortion. That 'mod' was for the
> early version PFR3 (no suffix).
>
> If your hearing is OK around 700 Hz, where the PFR3A peaks, you should
> be OK. Actually, hearing loss at 2KHz might be a benefit in this
> application; rolls-off audio noise.
>
> What earphones will you be using? If you have earphones that are
> relatively insensitive, that might be a reason to increase the gain of
> U4.
>
> 73.......Steve Smith WB6TNL
>
>

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

2899. Re: [pfr3_group] Audio Mod

Yahoo group: pfr3_group
Date: 2011-07-31 00:01:16 UTC
From: Larry Makoski
Topic: 2896 Message: 2899

OK - my comment ended up not showing - what's with that?

I had said that:

I love my PFR-3A! I wish the audio was a bit hotter in mine, too. I ended up picking up a Boosteroo (audio amp) and it makes all the difference in the world.

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

2900. Re: Audio Mod

Yahoo group: pfr3_group
Date: 2011-07-31 01:54:25 UTC
From: k6mgo@verizon.net
Topic: 2896 Message: 2900

Thanks for the reply, actually, I have 4 headsets, two are Sony earbuds, and one is over the ear TDK Stereo headsets. The Sony ear buds seem to be the most sensitive.

--- In pfr3_group@yahoogroups.com, Larry Makoski <w2lj@...> wrote:
>
> On 7/30/2011 7:20 PM, Steve Smith wrote:
> >
> > I'd recommend leaving it as-is because there's a trade-off to
> > increased gain: increased audio distortion. That 'mod' was for the
> > early version PFR3 (no suffix).
> >
> > If your hearing is OK around 700 Hz, where the PFR3A peaks, you should
> > be OK. Actually, hearing loss at 2KHz might be a benefit in this
> > application; rolls-off audio noise.
> >
> > What earphones will you be using? If you have earphones that are
> > relatively insensitive, that might be a reason to increase the gain of
> > U4.
> >
> > 73.......Steve Smith WB6TNL
> >
> >
>
>
> --
> 73 de Larry W2LJ
> QRP - When you care to send the very least!
>
> http://w2lj.blogspot.com/
> http://www.w2lj.qrpradio.com/
>

2901. Re: [pfr3_group] Re: Audio Mod

Yahoo group: pfr3_group
Date: 2011-07-31 03:46:45 UTC
From: Steve Smith
Topic: 2896 Message: 2901

I agree, the Sony's are generally quite sensitive. I bought a pair a couple weeks ago on sale at Fry's and am pleased with their performance. The sensitivity is rated at 105 dB/mW.

I imagine that at the max. rated power of 50 mW the sound pressure level would be past the threshold of pain. I won't be trying that; the '60s were harmful enough. ;-)

73.......Steve Smith WB6TNL
"Snort Rosin"

---------- Original Message ----------
From: "k6mgo@..." <k6mgo@...>
To: pfr3_group@...m
Subject: [pfr3_group] Re: Audio Mod
Date: Sun, 31 Jul 2011 01:54:25 -0000

Thanks for the reply, actually, I have 4 headsets, two are Sony earbuds, and one is over the ear TDK Stereo headsets. The Sony ear buds seem to be the most sensitive.

2902. one tough radio

Yahoo group: pfr3_group
Date: 2011-07-31 14:21:04 UTC
From: va3ied
Topic: 2902 Message: 2902

Well I have had my PFR3A for a while now and am more than pleased...It is very simple to use and very rugged...my last trip into the North end of algonquin park I used it a lot with wonderful results just using the internal cells. It was a a nice night so before turning in I left the radio just outside the tent in the vestibule. Well, the rain storm from hell hit and we got a lot of wter. The radio got soaked and full of splattered dirt/sand. I thought all help was lost as when I picked it up, the led's were glowing randomly.

I took it apart in the camp and found a sunny spot. Took out the batts, dried them off and let the radio dry. After the wind, sun did its bit I carefully tried to blow out the sand and dirt. Put it back together voila, back in action. The simple design made theis rather crude field repair possible. Nothing miraculous I realize but still a testiment to this solid little rig.

I am back kayaking for a 7 day trip Aug2-9th and hope to do the same...but the rig will be stored in its little case

As for amplified speaker, I find the audio very good even with a normal speaker plugged in. If you need more, try the rechargable ihome mini speakers.

73 scott va3ied

2903. Re: [pfr3_group] one tough radio

Yahoo group: pfr3_group
Date: 2011-07-31 16:39:21 UTC
From: Steve Smith
Topic: 2902 Message: 2903

Hello Scott,

Removing the battery posthaste was the best thing you did. If you'd left it connected any longer electrolysis would likely have started eating up the circuit board.

I cannot count the number of times a customer has brought in a 'dunked' radio or mobile phone saying, "I tried a fresh battery but it still doesn't work." The result of that isn't a pretty sight.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "va3ied" <scottsheppard@...>

I took it apart in the camp and found a sunny spot. Took out the batts, dried them off and let the radio dry. After the wind, sun did its bit I carefully tried to blow out the sand and dirt. Put it back together voila, back in action. The simple design made theis rather crude field repair possible. Nothing miraculous I realize but still a testiment to this solid little rig.

2904. Re: one tough radio

Yahoo group: pfr3_group
Date: 2011-07-31 23:11:38 UTC
From: Grant
Topic: 2902 Message: 2904

HI Scott. Great story and testament to a great rig. Very encouraging to hear. It really is a field radio!

Grant VK4JAZ

>

2905. Missing part

Yahoo group: pfr3_group
Date: 2011-07-31 23:16:04 UTC
From: Grant
Topic: 2905 Message: 2905

Hi guys,

Just a warning to those just starting out building this great little rig. I have just completed populating my board and will be doing the final tests tonight. But one thing that nearly stopped my momentum was a missing 470 ohm resister. I couldn't find it anywhere and was sure I had misplaced it because I noted I had checked it off on the BOM. Then I looked over the PCB and saw it there. What now? I then looked over the entire instruction manual and found that there should be 2 of these resisters, not one as mentioned in the BOM. Luckily I found one on an old disused kit in the junk box that I could salvage and reuse. So check your inventory well before it stumps you too.

Just a heads up.

Grant VK4JAZ

2906. Re: [pfr3_group] Missing part

Yahoo group: pfr3_group
Date: 2011-07-31 23:26:53 UTC
From: Matt Maguire
Topic: 2905 Message: 2906

Thanks for the tip, Grant. I'd heard people say before to check your inventory well before you start, so I did. Then I came to inserting a particular capacitor, and it wasn't in my parts tray. I had definitely checked it off on the BoM, so I knew it had to be there somewhere. Eventually I found it lying on the floor hiding behind the leg of the desk. I have no idea how it got there, as I was very careful to keep all the parts sorted in my tray, but if I hadn't checked off the parts up front, I wouldn't have known to keep looking till I found it. So, it is good advice indeed.

/Matt VK2ACL

On 01/08/2011, at 9:16 AM, "Grant" <grantmcduling@...> wrote:

> Hi guys,
>
> Just a warning to those just starting out building this great little rig. I have just completed populating my board and will be doing the final tests tonight. But one thing that nearly stopped my momentum was a missing 470 ohm resister. I couldn't find it anywhere and was sure I had misplaced it because I noted I had checked it off on the BOM. Then I looked over the PCB and saw it there. What now? I then looked over the entire instruction manual and found that there should be 2 of these resisters, not one as mentioned in the BOM. Luckily I found one on an old disused kit in the junk box that I could salvage and reuse. So check your inventory well before it stumps you too.
>
> Just a heads up.
>
> Grant VK4JAZ
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

2907. Re: [pfr3_group] Missing part

Yahoo group: pfr3_group
Date: 2011-07-31 23:54:10 UTC
From: f6ddv
Topic: 2905 Message: 2907

Grand Hi
It is curious, here too one 470 ohm
I found a 1 W new, it has gone up
By cons I have a beautiful collection of seven capacitors (104)
and a host of other components
then it replaces well for QSJ ... H. I.
But it's a little scary, you look around on the circuit board to see if it was right or if you have not forgotten ...
That's the way the company Hendricks ...
There are more serious parts too ... do not you think?
73S
jp F6DDV

Hi guys,

Just a warning to those just starting out building this great little rig. I have just completed populating my board and will be doing the final tests tonight. But one thing that nearly stopped my momentum was a missing 470 ohm resister. I couldn't find it anywhere and was sure I had misplaced it because I noted I had checked it off on the BOM. Then I looked over the PCB and saw it there. What now? I then looked over the entire instruction manual and found that there should be 2 of these resisters, not one as mentioned in the BOM. Luckily I found one on an old disused kit in the junk box that I could salvage and reuse. So check your inventory well before it stumps you too.

Just a heads up.

Grant VK4JAZ

2908. Technical issues and construction, for whom?

Yahoo group: pfr3_group
Date: 2011-08-01 10:49:54 UTC
From: f6ddv
Topic: 2908 Message: 2908

Hello everyone

I wonder if there is a preference address to ask questions concerning the technical pfr3
I think the best person is Steve KD1JV, but it is not an employee of the company Hendricks
...
Or on the list pfr3, but it can be a bit boring for the guys after a while to hear for
years the same questions ... H. I.
It would be good to put a post to the address on the technical manager of the company,
maybe it's stupid what I say,
but if I do not ask I might be even more stupid .. .
Problems for parts?
For the technique?

All 73s
jp F6DDV

2909. Re: Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-01 12:22:37 UTC
From: f6ddv
Topic: 2909 Message: 2909

Hello all
One thing surprises me a little on the coaxial output of asymmetric pfr3
If I look closely at the diagram, the output of the RF COAX since S9 is perfectly asymmetric mode with respect to ground.
Why go from there to the BNC coaxial plug wire twisted unknown impedance and symmetrical, and the influence of the line twisted
from the weight of the cabinet and the radiation from all other components and lines and can be losses and impedance break ...
I have the small coaxial cable, I think it would be better to use a coaxial cable asymmetric by making it run the closer
to the ground in the corner of the PCB and coffert?
It would even be possible to place the BNC coaxial plug at the far right next to the location of the PCB coax marked G,
and no need to coax or twisted cable, while the rest should be slightly modified but no major complications
This is not what is shown on the photo of the installation instructions that needs to be updated.
We do not see what is written, it is unfortunate in many cases missing photos to ham radio that does not fully understand what is said,
this kit is sold worldwide
photos remove all doubts in many cases
Your opinion?
Well, while waiting for answers to many of my questions I'll leave a little pfr3 rest and work in the garden ... H. I.
73s
jp F6DDV

2910. Re: PFR3 Keyer

Yahoo group: pfr3_group
Date: 2011-08-01 16:38:27 UTC
From: Don McBride
Topic: 2884 Message: 2910

Thanks to Steve KD1JV coming to the rescue, my very early model PFR3 is now working beautifully. The "stuttering" in the memory keyer, as it turns out, wasn't the fault of the aging operator but rather the logic chip. I was convinced that the solution was a new Begali paddle but now know it was "all in the chip".

Well, since I now don't need that new big-buck Italian paddle to use my PFR3, I guess I should send the cost of it to Steve?

Now if only that updated EEPROM could correct my CW spelling errors... Oh well.

Thanks very much Steve.

... 72/73,
... Don McBride, K3RLL

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> Don,
>
> The problem with the keyer memory studdering was discoved well after the one
> or two obvious bugs were found in the very early release of the kit. You'll
> need to have the chip updated again to fix the memory send problem.
> Steve
>
> >
> > The memory keyer "misfires" or skips dots, dashes or spaces
> > intermittently. It sends find from the paddle but saved memories will come
> > out different every time. The chip has already been swapped out with Steve
> > Weber, as that was a bug in the first kits.
> >
> > Has anyone been experiencing a similar problem with this otherwise
> > excellent radio? I really like it and have made many contacts with it
> > including DX, but the memory keyer is more senile than I am.
> >
>

2911. Re: Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-01 16:53:37 UTC
From: f6ddv
Topic: 2909 Message: 2911

Hello everyone
I think I'm a bit becoming "goat" (French expression to say that I think my mental health may be at risk ...)
I think the little yellow pfr3 will be left far behind, because there are many things that concern me and I will have to take the problems one after the other,
because there is too much at once .. .
I look at the errata section on the site on pfr3, it is just about time I get to the end of the assembly!
and I am surprised ... this part is still valid?
I will not talk about anything, but I'm a little puzzled, there are strange things écritent I think or I misunderstood.
I see the value of resistors R6 R7, 470 K for me
there is an error that would be 330 K? I did not get a 330 K, I have in my boxes, of course, but ...
and there are other changes, it is called U9, U9 I can not find on the circuit design ...
It's starting to be difficult for me, I know that things will eventually, but right now there are more questions than answers in my head,
I should have finished this kit, even working very slowly it is difficult for me.
73s
Jean paul F6DDV

2912. Re: [pfr3_group] Re: Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-01 17:14:12 UTC
From: Steve Smith
Topic: 2909 Message: 2912

Ignore the errata on the web site. Although it does not say so, that errata list is for the original PRF3 (no suffix), NOT for the PFR3A.

73.......Steve Smith WB6TNL

2913. Re: [pfr3_group] Technical issues and construction, for whom?

Yahoo group: pfr3_group
Date: 2011-08-01 17:42:52 UTC
From: Steve Smith
Topic: 2908 Message: 2913
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

2914. Re: [pfr3_group] Re: Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-01 18:18:28 UTC
From: Steve Smith
Topic: 2909 Message: 2914

Hello,

With all due respect, you are over-analyzing the PFR3A.

The twisted pair jumper from the coaxial output jack to the circuit board is quite adequate and is not long enough to cause the problems you describe.

If it makes you feel better, replace it with a short piece of coaxial cable or move the coaxial jack to be closer to the PC board connection. I believe that there would be no measurable difference in performance. You could then use the hole left in the cabinet for a charging jack for the internal battery pack.

I will agree, for non-English speaking builders more and/or revised photographs might be helpful. Maybe you would write a French language manual?

73.......Steve Smith WB6TNL

2915. Re: [pfr3_group] Re: Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-01 19:48:45 UTC
From: f6ddv
Topic: 2909 Message: 2915

Thank you Steve
(The "Steve" is my lifeline ... poor little French!)
Well guys, you need to know that I am very patient and very nice, if I accept everything said, for I am far from perfect ... H. I.
But as even the old versions, it's over, guys have built their TRX, I was not there but I guess it went well ... finally
But the manual is the same ... there are places that should be reviewed, it is not too difficult to change with new pictures with all the guys have released ...
I am responsible for web sites and also from anything, even Word and PDF creator does things very well and very clear, and current,
so you have to remove everything about the previous version, even html now possible and videos ...
Well, I stop here because there is probably a good reason.
The assembly of the double contact of origin, it's like but there is also more ...
Go Doug and the team, there are a lot of young radio ham who can manipulate files and who would do that to new and super modern for some goodies ... H.I.
I must say that the pfr3 work it out of the three bands on HF and consumes 600 mA in tune and the PA is loaded onto a big 47 ohm resistor
but it remains to make precise adjustments.
The BLT is also working on 40 meters but on the other it is difficult, and then my extension metal is not a good idea,
because the HF is in contact from what I see on the axis of the capacitors, we will have a third tube nylon, I have ordered from Doug because I only have 2 ...
I think I'll order something else and think before to see if nothing is missing and if no other errors ...
And as I already said, it is difficult as there are doubts and unanswered questions.
Go, and soon all 73
Jean paul F6DDV

From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Monday, August 01, 2011 7:14 PM
Subject: Re: [pfr3_group] Re: Technical issues and construction

Ignore the errata on the web site. Although it does not say so, that errata list is for the original PRF3 (no suffix), NOT for the PFR3A.

73.......Steve Smith WB6TNL

2916. Re: [pfr3_group] Technical issues and construction, for whom?

Yahoo group: pfr3_group
Date: 2011-08-01 20:16:40 UTC
From: f6ddv
Topic: 2908 Message: 2916

Hello again Steve
Yes, I knew all this before ordering, and I totally agree with what you write.
I know everyone is good will and did his best, I have no doubt, but you are in USA and you quickly understand the things I put several days to understand,
because there are a lot of subtleties in the description and Sometimes we are facing a real wall.
But perhaps to avoid a "mountain" of issues and clients a little stressed, it would be simpler just to make the site more modern and up to date ...
And also the installation instructions that can be improved without much difficulty, I can assure you it is very important ...
Of ham radio in several languages should be consulted for this, and say this is not easy to understand.
It's much simpler then and there would be fewer questions,
I think this is quite logical and better for ham radio manufacturers from all countries that are not always comfortable with the English language
and technical editing and adjustments.
If I have problems, then I have already built kits is that there is something that is not well.
I think it would be easier to end a small business with less time to explain.
Well, it does not matter if I spend one more month, but it is understandable that discouragement may be possible for some people
with my best 73S
jp F6DDV

```
----- Original Message -----
From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Monday, August 01, 2011 7:42 PM
Subject: Re: [pfr3_group] Technical issues and construction, for whom?

Hello,

Steve Weber is the person to go to for technical questions. He is the design engineer,
prototype builder, repair technician, hiker and all around good guy :-). He knows the
Hendricks kits better than anyone because he designed most of them!

Hendricks QRP Kits is not a big company with a building, employees, offices and
laboratories. It is one owner, Doug, along with a core group of associates (for lack of a
better term) all over the United States.

For what it's worth, I think Doug's business model is very clever and obviously successful.

It is not boring for me to hear the same questions over and over. That is what this Group
is for.

Best of luck with the remaining assembly of your kit.

73.......Steve Smith WB6TNL
```

2917. Re: [pfr3_group] Re: Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-01 20:38:14 UTC
From: f6ddv
Topic: 2909 Message: 2917

Good evening again Steve
I say this about the coaxial cable instead of twisted pair wire is simply that I had problems with that on other devices.
But about a French manual, Steve, you kidding me? It should first cappable I am to understand correctly the technical manual in English,
which is not yet the case, otherwise I would ask no questions and I would just say "it's over and it works "
Thank you and 73s
jp F6DDV

----- Original Message -----
From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Monday, August 01, 2011 8:18 PM
Subject: Re: [pfr3_group] Re: Technical issues and construction

Hello,

With all due respect, you are over-analyzing the PFR3A.

The twisted pair jumper from the coaxial output jack to the circuit board is quite adequate and is not long enough to cause the problems you describe.

If it makes you feel better, replace it with a short piece of coaxial cable or move the coaxial jack to be closer to the PC board connection. I believe that there would be no measurable difference in performance. You could then use the hole left in the cabinet for a charging jack for the internal battery pack.

I will agree, for non-English speaking builders more and/or revised photographs might be helpful. Maybe you would write a French language manual?

73.......Steve Smith WB6TNL

2918. Re: [pfr3_group] Re: Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-01 22:01:23 UTC
From: Steve Smith
Topic: 2909 Message: 2918

Well, when you are finished and it works (and I am confident that it will work) then you can simply create your own document, not just a translation of the English! I believe you are very close to finishing.

You say 600 mA in transmit? That is very close to rated current so it appears that your transmitter is working!

73.......Steve Smith WB6TNL

2919. Nearly there ...

Yahoo group: pfr3_group
Date: 2011-08-01 22:18:15 UTC
From: Grant
Topic: 2919 Message: 2919

Hi guys, well my rig has passed the final tests. I get 5W out on all bands, with, believe it or not, slightly more on 20m, but I'm not complaining. So now to complete fitting it into the enclosure. Soon there will be another PFR-3 on air Down Under.

2920. Re: [pfr3_group] Nearly there ...

Yahoo group: pfr3_group
Date: 2011-08-01 22:21:48 UTC
From: Steve Smith
Topic: 2919 Message: 2920

Congratulations, Grant! Can hardly wait to hear the report of your first PFR3A QSO!

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...>

Hi guys, well my rig has passed the final tests.

2921. Re: [pfr3_group] Re: Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-01 22:43:50 UTC
From: f6ddv
Topic: 2909 Message: 2921

Steve Goodnight
Yes, it is finished, but it is not resolved and Qualibre as it should be, I still have to check the 10 MHz and the other points explained in the manual.
Also the sensitivity and the problem of T1 or I think it is easier to wind the coils in opposite directions 5 because in this way the wire is properly presented in four holes, I think being out of phase for this transformer should not be a problem but I'm not sure.
And then maybe some personal changes for the future.
Ah yes, it is 600 mA at 11.5 volts, resistance heaters put temporarily out well, I have to control the exact power with a real load VHF, I think I should not be further from the truth, I ' have been very careful the regularity of all the turns of the low pass filters, they are pasted below, and it will be to "play" with the turns required for the 5 W requested.
I wonder if the chillers are necessary drive power transistors, I have never seen such hot mos, I think it is not heat that kills them, but return a strong HF ... I knew I would see me reassure H. I.
I use google translator to copy and paste, but I have the original instruction at the same time because some things are much easier to understand directly in English.
There are even completely untranslatable words, and I have to check as I send an e-mail because it often happened that I was about to send enormities, or phrases totally incomprehensible.
I still have several problems, such as isolation required extensions of the axes variables capas, if I can not find the nylon tubes I should order, (a dozen at Doug and a few things) because I capas few variables of the same type of different values here for future projects home made QRP.
Voila
73s and soon to all the friends of the list.

From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 02, 2011 12:01 AM
Subject: Re: [pfr3_group] Re: Technical issues and construction

Well, when you are finished and it works (and I am confident that it will work) then you can simply create your own document, not just a translation of the English! I believe you are very close to finishing.

You say 600 mA in transmit? That is very close to rated current so it appears that your transmitter is working!

73.......Steve Smith WB6TNL

2922. RE: [pfr3_group] Nearly there ...

Yahoo group: pfr3_group
Date: 2011-08-01 23:46:55 UTC
From: N. A. Monllor
Topic: 2919 Message: 2922

Congratulations, I'm sure it will bring you pleasure.

Hope to catch you on the air

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Grant
Sent: Monday, August 01, 2011 6:18 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Nearly there ...

Hi guys, well my rig has passed the final tests. I get 5W out on all bands, with, believe it or not, slightly more on 20m, but I'm not complaining. So now to complete fitting it into the enclosure. Soon there will be another PFR-3 on air Down Under.

2923. Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-02 10:51:26 UTC
From: f6ddv
Topic: 2909 Message: 2923

Hello everyone
Pictures in the link below or I describe the progress of the installation with photos that can change, I show metal tubes to replace a tube on the variable capacitor nylon dual section.
http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list
Do not do this, it is a mistake, because the axis of the variable capacitor is connected to ground, it is not isolated, and when I tested the TX in tune with the BLT operation, I put my hand on the button I saw that the led was showing me a big difference in setting, because the button is not for the HF
so I will remove this mechanism and I just built a spacer to replace the missing with a piece of nylon coaxial cable that I cut the end of the button and everything will be okay.
I keep the settings and the end of the assembly quietly.
73S
jean paul F6DDV

2924. Re: [pfr3_group] Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-02 15:16:38 UTC
From: Steve Smith
Topic: 2909 Message: 2924

Hello,

Yes, the capactor shafts of the BLT are above ground so hand capacity could be a problem. However, you should be able to use the metal shaft on the preselector capacitor C1/C2 because the capacitor rotors are at ground. Hand capacity should not be a problem there.

73.......Steve Smith WB6TNL

2925. Re: [pfr3_group] Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-02 17:12:43 UTC
From: f6ddv
Topic: 2909 Message: 2925

Hello Steve
actually the axis of the double variable capacitor is grounded, and in theory it should not be a problem, just the test was done with the assembly without housing and with a single resistor of 47 ohm coaxial carbon welded .
it is possible that there have a problem to tune when RF present on the ground and thus ROS.
I said that the agreement was done well, the LED off, just the hand on the knob and removed completely changed the agreement,
the reference mass was probably not good, the screen does not exist (no case), so it's proven that it is better to use a single rod as is often the case in the boxes agree.
Once editing is complete the problem would not be shown.
73S
jp F6DDV

----- Original Message -----
From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 02, 2011 5:16 PM
Subject: Re: [pfr3_group] Technical issues and construction

Hello,

Yes, the capactor shafts of the BLT are above ground so hand capacity could be a problem. However, you should be able to use the metal shaft on the preselector capacitor C1/C2 because the capacitor rotors are at ground. Hand capacity should not be a problem there.

73.......Steve Smith WB6TNL

2926. Re: [pfr3_group] Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-02 18:41:53 UTC
From: Steve Smith
Topic: 2909 Message: 2926

The axis of the variables in the BLT are both hot with RF as C72/73 is in series with the TX RF ouput and C74/75 floats above RF ground by the winding of T3. The rotors of C1/C2 go directly to the PC board ground.

73.......Steve Smith WB6TNL

2927. Re: [pfr3_group] Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-02 21:38:38 UTC
From: f6ddv
Topic: 2909 Message: 2927

Yes Steve, I can see this on the schematic, but it does not explain why the ground potential is not neutral, it's probably my strength temporarily sealed,
and mounting on the table ... (yet in "wood tree" HI
as I would ascend the mount in the box after completing the settings more accurate, I would put the bird with the cap 10H and a good dummy load
at which time it will be the most serious.
since I introduced the three nylon tubes there is no problem.
I did not put glue I filed to the two capacitors fall flat and can not turn, is better.
But the BLT will able to give my resistance on 7 MHz, I think that this resistance is not very clear! as soon as I would have unsoldered
I put it on the impedance meter to see if it really is not inductive, but it is not very important,
I welded the resistance not to leave the line open and toast the MOS !
73S
jp F6DDV

----- Original Message -----
From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 02, 2011 8:41 PM
Subject: Re: [pfr3_group] Technical issues and construction

The axis of the variables in the BLT are both hot with RF as C72/73 is in series with the TX RF ouput and C74/75 floats above RF ground by the winding of T3. The rotors of C1/C2 go directly to the PC board ground.

73.......Steve Smith WB6TNL

2928. Power jack

Yahoo group: pfr3_group
Date: 2011-08-02 22:39:58 UTC
From: Grant
Topic: 2928 Message: 2928

Hi, Well, I have begun fitting the completed PCB to the enclosure and installing the binding posts etc. My power jack is too large to fit into the hole provided. This means bringing out the rotary tool and attacking the metalwork. But I am having to do this with the PCB in place as it's quite a job to remove it now. Anyway, it might be advisable for those not yet at this stage to check theirs first and make the adjustment beforehand. The other problem I face is damaging the clear coat with excess heat from the drill because I have completed spraying the enclosure.

2929. Re: [pfr3_group] Power jack

Yahoo group: pfr3_group
Date: 2011-08-02 22:49:08 UTC
From: Steve Smith
Topic: 2928 Message: 2929

Hi Grant,

You don't need to hog out the hole with a rotory tool, simply scrape the paint away from the inside circumference and then the jack should fit easily.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Power jack
Date: Tue, 02 Aug 2011 22:39:58 -0000

Hi, Well, I have begun fitting the completed PCB to the enclosure and installing the binding posts etc. My power jack is too large to fit into the hole provided. This means bringing out the rotary tool and attacking the metalwork. But I am having to do this with the PCB in place as it's quite a job to remove it now. Anyway, it might be advisable for those not yet at this stage to check theirs first and make the adjustment beforehand. The other problem I face is damaging the clear coat with excess heat from the drill because I have completed spraying the enclosure.

2930. Re: [pfr3_group] Power jack

Yahoo group: pfr3_group
Date: 2011-08-02 22:53:23 UTC
From: f6ddv
Topic: 2928 Message: 2930

good evening Grant
Check if it's not just the painting that narrows the gap.
Otherwise, you will not struggle to expand by hand, with a thick pair of scissors, turning and scraping cutters or some with just one hand or even a cutter, depending on the angle you provide slowly turning and following the hole, or a drill clamped in a vise grip by turning by hand
I can not explain, but it is quite feasible, the metal is not hard, I have enlarged the holes and dozens of times
73s
jp F6DDV

----- Original Message -----
From: Grant
To: pfr3_group@yahoogroups.com
Sent: Wednesday, August 03, 2011 12:39 AM
Subject: [pfr3_group] Power jack

Hi, Well, I have begun fitting the completed PCB to the enclosure and installing the binding posts etc. My power jack is too large to fit into the hole provided. This means bringing out the rotary tool and attacking the metalwork. But I am having to do this with the PCB in place as it's quite a job to remove it now. Anyway, it might be advisable for those not yet at this stage to check theirs first and make the adjustment beforehand. The other problem I face is damaging the clear coat with excess heat from the drill because I have completed spraying the enclosure.

2931. Re: Power jack

Yahoo group: pfr3_group
Date: 2011-08-03 02:21:06 UTC
From: Grant
Topic: 2928 Message: 2931

No, it needed a bit of enlarging. I first used a small grind stone on the rotary tool then a larger reamer which did the trick. Needed a fair bit removed, not just the paint, unfortunately. Possibly the jack I was sent isn't the usual one?

Regards
Grant vk4jaz

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> good evening Grant
> Check if it's not just the painting that narrows the gap.
> Otherwise, you will not struggle to expand by hand, with a thick pair of scissors, turning and scraping cutters or some with just one hand or even a cutter, depending on the angle you provide slowly turning and following the hole, or a drill clamped in a vise grip by turning by hand
> I can not explain, but it is quite feasible, the metal is not hard, I have enlarged the holes and dozens of times
> 73s
> jp F6DDV
>
> ----- Original Message -----
> From: Grant
> To: pfr3_group@yahoogroups.com
> Sent: Wednesday, August 03, 2011 12:39 AM
> Subject: [pfr3_group] Power jack
>
>
>
> Hi, Well, I have begun fitting the completed PCB to the enclosure and installing the binding posts etc. My power jack is too large to fit into the hole provided. This means bringing out the rotary tool and attacking the metalwork. But I am having to do this with the PCB in place as it's quite a job to remove it now. Anyway, it might be advisable for those not yet at this stage to check theirs first and make the adjustment beforehand. The other problem I face is damaging the clear coat with excess heat from the drill because I have completed spraying the enclosure.
>

2932. Build progress

Yahoo group: pfr3_group
Date: 2011-08-03 02:22:12 UTC
From: Grant
Topic: 2932 Message: 2932

Hi guys, I have updated my blog to show the latest. Next time I'll show the enclosure etc.
http://vk4jaz.wordpress.com/

Regards
Grant

2933. Re: [pfr3_group] Re: Power jack

Yahoo group: pfr3_group
Date: 2011-08-03 02:41:05 UTC
From: Steve Smith
Topic: 2928 Message: 2933

Interesting. That's the first time I've heard that scraping the paint didn't work.

It is possible that the jack mfg. changed spec's. for the same part number or maybe Doug changed vendors.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@yahoo.com.au>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Power jack
Date: Wed, 03 Aug 2011 02:21:06 -0000

No, it needed a bit of enlarging. I first used a small grind stone on the rotary tool then a larger reamer which did the trick. Needed a fair bit removed, not just the paint, unfortunately. Possibly the jack I was sent isn't the usual one?

Regards
Grant vk4jaz

2934. Re: [pfr3_group] Re: Power jack

Yahoo group: pfr3_group
Date: 2011-08-03 09:21:52 UTC
From: f6ddv
Topic: 2928 Message: 2934

Hello again Grant
Well, then it will go, and attention to paddle Jacq phone also there painting, but as you did with the small drill and the small round shape that's fine.
I tried several times to place the assembly in the yellow box to make sure everything is ok before Decalcit mechanical and varnish, it must also pass a little abrasive on the strut of the box to remove paint and be sure that the ground contact is well with the PCB at the screw, the screw threads will be not enough, it is better that the contact is good on the tip of the spacers.
For my part I finished the settings and I put up Decalcit,
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If I know the chemistry aproximation brand of varnish that is cited by the guys and the record
For example: cellulose varnish or primer, varnish or other?
All 73S
Jean Paul F6DDV

----- Original Message -----
From: Grant
To: pfr3_group@yahoogroups.com
Sent: Wednesday, August 03, 2011 4:21 AM
Subject: [pfr3_group] Re: Power jack

No, it needed a bit of enlarging. I first used a small grind stone on the rotary tool then a larger reamer which did the trick. Needed a fair bit removed, not just the paint, unfortunately. Possibly the jack I was sent isn't the usual one?

Regards
Grant vk4jaz

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> good evening Grant
> Check if it's not just the painting that narrows the gap.
> Otherwise, you will not struggle to expand by hand, with a thick pair of scissors, turning and scraping cutters or some with just one hand or even a cutter, depending on the angle you provide slowly turning and following the hole, or a drill clamped in a vise grip by turning by hand
> I can not explain, but it is quite feasible, the metal is not hard, I have enlarged the holes and dozens of times
> 73s
> jp F6DDV
>
> ----- Original Message -----
> From: Grant

> To: pfr3_group@yahoogroups.com
> Sent: Wednesday, August 03, 2011 12:39 AM
> Subject: [pfr3_group] Power jack
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>
> Hi, Well, I have begun fitting the completed PCB to the enclosure and installing the binding posts etc. My power jack is too large to fit into the hole provided. This means bringing out the rotary tool and attacking the metalwork. But I am having to do this with the PCB in place as it's quite a job to remove it now. Anyway, it might be advisable for those not yet at this stage to check theirs first and make the adjustment beforehand. The other problem I face is damaging the clear coat with excess heat from the drill because I have completed spraying the enclosure.
>

2935. Re: Power jack

Yahoo group: pfr3_group
Date: 2011-08-03 10:15:02 UTC
From: Grant
Topic: 2928 Message: 2935

Hi JP, I used cellulose varnish, the type sold in cans to spray on cars. Mine was for metallic paint and worked ok.

Grant

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello again Grant
> Well, then it will go, and attention to paddle Jacq phone also there painting, but as you did with the small drill and the small round shape that's fine.
> I tried several times to place the assembly in the yellow box to make sure everything is ok before Decalcit mechanical and varnish, it must also pass a little abrasive on the strut of the box to remove paint and be sure that the ground contact is well with the PCB at the screw, the screw threads will be not enough, it is better that the contact is good on the tip of the spacers.
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> From: Grant
> To: pfr3_group@yahoogroups.com
> Sent: Wednesday, August 03, 2011 4:21 AM
> Subject: [pfr3_group] Re: Power jack
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> No, it needed a bit of enlarging. I first used a small grind stone on the rotary tool then a larger reamer which did the trick. Needed a fair bit removed, not just the paint, unfortunately. Possibly the jack I was sent isn't the usual one?
>
> Regards
> Grant vk4jaz
>
> --- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@> wrote:
> >
> > good evening Grant
> > Check if it's not just the painting that narrows the gap.
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turning and scraping cutters or some with just one hand or even a cutter, depending on the angle you provide slowly turning and following the hole, or a drill clamped in a vise grip by turning by hand
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> > Sent: Wednesday, August 03, 2011 12:39 AM
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> >
>

2936. Wiring up the internal battery holders

Yahoo group: pfr3_group
Date: 2011-08-03 10:17:59 UTC
From: Grant
Topic: 2936 Message: 2936

I am about to tackle the final stage of my rig, the wiring up of the two internal battery holders. One question: if I wire it straight from the holders to the connection points on the PCB, then it seems to me that if I need to remove the bottom panel from the top, I will be constrained by the length of the two wires used to connect them up. How have others found it best? Should I use connectors so I can just pull them apart to separate top half from bottom half of the enclosure, or isn't this really an issue?

2937. RE: [pfr3_group] Wiring up the internal battery holders

Yahoo group: pfr3_group
Date: 2011-08-03 12:37:47 UTC
From: Dale Putnam
Topic: 2936 Message: 2937

Hi Grant, I, too, saw that as a potential problem, however, after use, it isn't much of an issue. Even with the radio on the bench for service, the extra connections would certainly make it easier. Maybe powerpole is the answer in some cases. On my own yellow box, it isn't an issue, once the batteries are in, and the holder was debugged, the batteries haven't needed attention. The case or holder was the issue, with its fastenings being intermittant. Good Luck, Have a great day,
--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Wed, 3 Aug 2011 10:17:59 +0000
Subject: [pfr3_group] Wiring up the internal battery holders

I am about to tackle the final stage of my rig, the wiring up of the two internal battery holders. One question: if I wire it straight from the holders to the connection points on the PCB, then it seems to me that if I need to remove the bottom panel from the top, I will be constrained by the length of the two wires used to connect them up. How have others found it best? Should I use connectors so I can just pull them apart to separate top half from bottom half of the enclosure, or isn't this really an issue?

2938. Re: Power jack

Yahoo group: pfr3_group
Date: 2011-08-03 17:51:39 UTC
From: Rick Dwight
Topic: 2928 Message: 2938

Hello Jean Paul,
I built a PFR3A several months ago and could not find the Krylon Matte spray specified here in Alaska. Instead of Krylon, I used Rust-Oleum Painters touch ultra cover MATTE CLEAR. It was easy to use, and looks very professional. The finish is a nice matte finish.....NOT A GOLSSY finish and it seems to be durable. USE SEVERAL LIGHT COATS NOT ONE HEAVY COAT.
Rust-Oleum products seem to be available throughout the USA and even up here in Alaska. I think I have seen Rust-Oleum spray can products in the UK and Europe, but cannot say this for sure. Building supply stores, home improvement stores, hardware stores, etc all seem to have Rust-Oleum, but all may not have the MATTE CLEAR spray can. Possibly this is available in France.
Rick KL7CW Palmer, Alaska

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello again Grant
> Well, then it will go, and attention to paddle Jacq phone also there painting, but as you did with the small drill and the small round shape that's fine.
> I tried several times to place the assembly in the yellow box to make sure everything is ok before Decalcit mechanical and varnish, it must also pass a little abrasive on the strut of the box to remove paint and be sure that the ground contact is well with the PCB at the screw, the screw threads will be not enough, it is better that the contact is good on the tip of the spacers.
> For my part I finished the settings and I put up Decalcit,
> (I'm a little afraid of these Decalcit, ahhh, shame about the serigrafie no longer made) I have a problem to choose the varnish spray pressure, because I do not know if Decalcit are sensitive to certain varnishes , and how to use in France?
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> For example: cellulose varnish or primer, varnish or other?
> All 73S
> Jean Paul F6DDV
>
> ----- Original Message -----
> From: Grant
> To: pfr3_group@yahoogroups.com
> Sent: Wednesday, August 03, 2011 4:21 AM
> Subject: [pfr3_group] Re: Power jack
>
>
>
> No, it needed a bit of enlarging. I first used a small grind stone on the rotary tool then a larger reamer which did the trick. Needed a fair bit removed, not just the paint, unfortunately. Possibly the jack I was sent isn't the usual one?
>
> Regards

> Grant vk4jaz
>
> --- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@> wrote:
> >
> > good evening Grant
> > Check if it's not just the painting that narrows the gap.
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> > ----- Original Message -----
> > From: Grant
> > To: pfr3_group@yahoogroups.com
> > Sent: Wednesday, August 03, 2011 12:39 AM
> > Subject: [pfr3_group] Power jack
> >
> >
> >
> > Hi, Well, I have begun fitting the completed PCB to the enclosure and installing the binding posts etc. My power jack is too large to fit into the hole provided. This means bringing out the rotary tool and attacking the metalwork. But I am having to do this with the PCB in place as it's quite a job to remove it now. Anyway, it might be advisable for those not yet at this stage to check theirs first and make the adjustment beforehand. The other problem I face is damaging the clear coat with excess heat from the drill because I have completed spraying the enclosure.
> >
>

2939. Re: Krylon Matte finish SUBSTITUTE

Yahoo group: pfr3_group
Date: 2011-08-03 17:55:03 UTC
From: Rick Dwight
Topic: 2928 Message: 2939

--- In pfr3_group@yahoogroups.com, "Rick Dwight" <kl7cw@...> wrote:
>
> Hello Jean Paul,
> I built a PFR3A several months ago and could not find the Krylon Matte spray specified here in Alaska. Instead of Krylon, I used Rust-Oleum Painters touch ultra cover MATTE CLEAR. It was easy to use, and looks very professional. The finish is a nice matte finish.....NOT A GOLSSY finish and it seems to be durable. USE SEVERAL LIGHT COATS NOT ONE HEAVY COAT. Rust-Oleum products seem to be available throughout the USA and even up here in Alaska. I think I have seen Rust-Oleum spray can products in the UK and Europe, but cannot say this for sure. Building supply stores, home improvement stores, hardware stores, etc all seem to have Rust-Oleum, but all may not have the MATTE CLEAR spray can. Possibly this is available in France.
> Rick KL7CW Palmer, Alaska
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> --- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@> wrote:
> >
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> > To: pfr3_group@yahoogroups.com
> > Sent: Wednesday, August 03, 2011 4:21 AM
> > Subject: [pfr3_group] Re: Power jack
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> > Grant vk4jaz
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> > > To: pfr3_group@yahoogroups.com
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>

2940. Re: [pfr3_group] Re: Power jack

Yahoo group: pfr3_group
Date: 2011-08-03 20:26:46 UTC
From: f6ddv
Topic: 2928 Message: 2940

Understood Grandt
I'll buy you're talking about,
I think I remember that the coating for metals was also good, but I'll try to find the one you mention, as does not attack Decalcit
thank you and 73S

jp F6DDV

----- Original Message -----
From: Grant
To: pfr3_group@yahoogroups.com
Sent: Wednesday, August 03, 2011 12:15 PM
Subject: [pfr3_group] Re: Power jack

Hi JP, I used cellulose varnish, the type sold in cans to spray on cars. Mine was for metallic paint and worked ok.

Grant

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
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> Jean Paul F6DDV
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> ----- Original Message -----
> From: Grant
> To: pfr3_group@yahoogroups.com
> Sent: Wednesday, August 03, 2011 4:21 AM
> Subject: [pfr3_group] Re: Power jack
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>

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> Regards
> Grant vk4jaz
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> --- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@> wrote:
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> > Sent: Wednesday, August 03, 2011 12:39 AM
> > Subject: [pfr3_group] Power jack
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2941. Re: [pfr3_group] varnish for pfr3

Yahoo group: pfr3_group
Date: 2011-08-03 21:01:50 UTC
From: f6ddv
Topic: 2941 Message: 2941

good evening Rick
I think I'm fine look at what is, in fact, I have not seen this brand on the shelves of specialty stores.
What is important is 3 things (as well)
1 - thinner (gasoline) that is in the chemistry of varnish to keep it liquid before being sprayed with air, it must not attack the paint or the pfr3 Decalcit
2 - the varnish, it must be impact resistant and resistant to ordinary cleaning products
3 - I had not thought of, should not it shines, because it can be annoying, giving a matt varnish ...
So no matter what
Ah, the good times of the screen-printed yellow box is over ... H. I
see you later
73s
jp F6DDV

----- Original Message -----
From: Rick Dwight
To: pfr3_group@yahoogroups.com
Sent: Wednesday, August 03, 2011 7:51 PM
Subject: [pfr3_group] Re: Power jack

Hello Jean Paul,
I built a PFR3A several months ago and could not find the Krylon Matte spray specified here in Alaska. Instead of Krylon, I used Rust-Oleum Painters touch ultra cover MATTE CLEAR. It was easy to use, and looks very professional. The finish is a nice matte finish.....NOT A GOLSSY finish and it seems to be durable. USE SEVERAL LIGHT COATS NOT ONE HEAVY COAT.
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Rick KL7CW Palmer, Alaska

2942. Re: [pfr3_group] Technical issues and construction

Yahoo group: pfr3_group
Date: 2011-08-03 22:11:58 UTC
From: f6ddv
Topic: 2909 Message: 2942

Good evening everyone

I just finished all the various settings before the introduction of pfr3 in his cabinet , Everything seems normal
I am amazed at the good reception, very sensitive with a simple piece of welding wire 2 m on 40 m band reception of some stations in CW is very correct
There are still some points to clarify for me, but lexture the diagram and explanations tell me that this is a very complete transceiver for low price kit
There are many things to discover, because I do not just build, try to understand how it was developed,
and is much more complicated than it has air, it's interesting.

The end of the setting is a bit surprising, I see the opposite of what is written on the output power
For exactly 12 volts on a load UHF perfect, is a bird wattmeter 43, the measurement is made with cork Bird 10H (2 to 30 MHz 10W),
N connectors and BNC cable of 10 cm.
40m> power = 4 W 580 mA
30m >power = 4.2 W 640 mA
20m> power = 5.5 W 790 mA
Current = 50 mA in receiving speaker
I can reduce the power in 20m with the torus in L12 tighten the turns, but for the 30m and 40 m the turns are well spread apart and regular,
and power can not be increased in this way, and yet I counted the turns ... t there is there another solution?
13-volt power goes almost 4,8 W on 30m and 40m

Well, the hardest is going to stay to the declac and varnish ... H. I.
then put in a box. and QSOs !!!

2943. Re: [pfr3_group] Re: Power jack

Yahoo group: pfr3_group
Date: 2011-08-03 22:23:54 UTC
From: Larry Makoski
Topic: 2928 Message: 2943

On 8/2/2011 10:21 PM, Grant wrote:
>
> No, it needed a bit of enlarging. I first used a small grind stone on
> the rotary tool then a larger reamer which did the trick. Needed a
> fair bit removed, not just the paint, unfortunately. Possibly the jack
> I was sent isn't the usual one?
>
> Regards
> Grant vk4jaz
>

I don't think so. When I completed mine last year, I had the same
problem and resorted to a tapered hand reamer.

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

2944. Re: Wiring up the internal battery holders

Yahoo group: pfr3_group
Date: 2011-08-03 22:49:00 UTC
From: Grant
Topic: 2936 Message: 2944

Thanks for the encouragement, Dale. Good to hear it's not really an issue. I may follow you and not worry about it. What batteries do you use?

Grant

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
>
> Hi Grant, I, too, saw that as a potential problem, however, after use, it isn't much of an issue. Even with the radio on the bench for service, the extra connections would certainly make it easier. Maybe powerpole is the answer in some cases. On my own yellow box, it isn't an issue, once the batteries are in, and the holder was debugged, the batteries haven't needed attention. The case or holder was the issue, with its fastenings being intermittant. Good Luck, Have a great day,
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: grantmcduling@...
> Date: Wed, 3 Aug 2011 10:17:59 +0000
> Subject: [pfr3_group] Wiring up the internal battery holders
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>

2945. RE: [pfr3_group] Re: Power jack

Yahoo group: pfr3_group
Date: 2011-08-03 23:41:44 UTC
From: Dale Putnam
Topic: 2928 Message: 2945

After looking over the last two here for building, and finding them both, (an early and a recent purchase) the same as the others, i.e. the power jack, fits very nicely into the hole provided. Unfortunately, the threads of the jack, don't. The hold needs to be enlarged only enough to allow the threads to enter. And many times, I will very carefully enlarge that only enough to allow the jack to be screwed in. Thus allowing the jack to provide a bit of a ground also. The jack is the same in the early and the recent purchases. It doesn't appear the jack has changed. The one thing that has changed through the run of kits, is the amount of paint on the box. Some are heavy coated, some are light. Past that, they still remain a high quality kit that will provide a large amount of pleasure for the effort. Have a great day,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: w2lj@...
Date: Wed, 3 Aug 2011 18:23:54 -0400
Subject: Re: [pfr3_group] Re: Power jack

On 8/2/2011 10:21 PM, Grant wrote:

No, it needed a bit of enlarging. I first used a small
grind stone on the rotary tool then a larger reamer which
did the trick. Needed a fair bit removed, not just the
paint, unfortunately. Possibly the jack I was sent isn't
the usual one?

Regards

Grant vk4jaz

I don't think so. When I completed mine last year, I had the same
problem and resorted to a tapered hand reamer.

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

2946. C71 for low pass filter

Yahoo group: pfr3_group
Date: 2011-08-04 03:38:04 UTC
From: Ray Buck
Topic: 2946 Message: 2946

I seem to be missing C71, it must have been there in the beginning as my parts list has the 150pf caps ticked off.

My local parts store only have 150pf in ceramic not monolithic. I would expect that the ceramic could be substituted for the monolithic?

Thanks for any feedback.

Regards,

Ray VK4ZW

2947. Re: [pfr3_group] C71 for low pass filter

Yahoo group: pfr3_group
Date: 2011-08-04 04:14:49 UTC
From: Steve Smith
Topic: 2946 Message: 2947

Hi Ray,

I agree, a ceramic would work there just fine. Try to get a C0G/NP0 if you can.

Best of luck with the rest of the build.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Ray Buck" <randrbuck@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] C71 for low pass filter
Date: Thu, 04 Aug 2011 03:38:04 -0000

I seem to be missing C71, it must have been there in the beginning as my parts list has the 150pf caps ticked off.

My local parts store only have 150pf in ceramic not monolithic. I would expect that the ceramic could be substituted for the monolithic?

Thanks for any feedback.

Regards,

Ray VK4ZW

2948. pfr3 construction

Yahoo group: pfr3_group
Date: 2011-08-04 13:11:45 UTC
From: f6ddv
Topic: 2948 Message: 2948

Re hello to all
I think there is a problem, the message was not taken by the server or it was not accepted.
73S
jp F6DDV

Good evening everyone

I just finished all the various settings before the introduction of pfr3 in his cabinet , Everything seems normal
I am amazed at the good reception, very sensitive with a simple piece of welding wire 2 m on 40 m band reception of some stations in CW is very correct
There are still some points to clarify for me, but lexture the diagram and explanations tell me that this is a very complete transceiver for low price kit
There are many things to discover, because I do not just build, try to understand how it was developed,
and is much more complicated than it has air, it's interesting.

The end of the setting is a bit surprising, I see the opposite of what is written on the output power
For exactly 12 volts on a load UHF perfect, is a bird wattmeter 43, the measurement is made with cork Bird 10H (2 to 30 MHz 10W),
N connectors and BNC cable of 10 cm.
40m> power = 4 W 580 mA
30m >power = 4.2 W 640 mA
20m> power = 5.5 W 790 mA
Current = 50 mA in receiving speaker
I can reduce the power in 20m with the torus in L12 tighten the turns, but for the 30m and 40 m the turns are well spread apart and regular,
and power can not be increased in this way, and yet I counted the turns ... t there is there another solution?
13-volt power goes almost 4,8 W on 30m and 40m

Well, the hardest is going to stay to the declac and varnish ... H. I.
then put in a box. and QSOs !!!
73s to all
F6DDV

2949. AnotherPFR-3 on air!

Yahoo group: pfr3_group
Date: 2011-08-04 23:10:06 UTC
From: Grant
Topic: 2949 Message: 2949

Hi guys, well, we now have another great qrp rig on air. Last night I made my first qso with the pfr-3. I received 599 reports on 40 and 20m from Ray VK4ZW. I didn't try 30m as my ant doesn't tune up on that band. But I have no doubt I would have also received 599 from him on this band.
Thanks for all your help and encouragement. It is the best kit I have built so far (and I have built many). It is also one of the few that has worked first time!
I have updated my blog with pics.

Grant VK4JAZ

2950. RE: [pfr3_group] AnotherPFR-3 on air!

Yahoo group: pfr3_group
Date: 2011-08-04 23:39:39 UTC
From: Dale Putnam
Topic: 2949 Message: 2950

Congratulations Grant, this is a very good thing, and you will certainly enjoy that wonderful little yellow box, for many many Qs.Have a lot of fun with it,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Thu, 4 Aug 2011 23:10:06 +0000
Subject: [pfr3_group] AnotherPFR-3 on air!

Hi guys, well, we now have another great qrp rig on air. Last night I made my first qso with the pfr-3. I received 599 reports on 40 and 20m from Ray VK4ZW. I didn't try 30m as my ant doesn't tune up on that band. But I have no doubt I would have also received 599 from him on this band.

Thanks for all your help and encouragement. It is the best kit I have built so far (and I have built many). It is also one of the few that has worked first time!

I have updated my blog with pics.

Grant VK4JAZ

2951. RE: [pfr3_group] AnotherPFR-3 on air!

Yahoo group: pfr3_group
Date: 2011-08-05 01:36:22 UTC
From: N. A. Monllor
Topic: 2949 Message: 2951

Congratulations Grant.

Enjoy.

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Grant
Sent: Thursday, August 04, 2011 7:10 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] AnotherPFR-3 on air!

Hi guys, well, we now have another great qrp rig on air. Last night I made my first qso with the pfr-3. I received 599 reports on 40 and 20m from Ray VK4ZW. I didn't try 30m as my ant doesn't tune up on that band. But I have no doubt I would have also received 599 from him on this band.
Thanks for all your help and encouragement. It is the best kit I have built so far (and I have built many). It is also one of the few that has worked first time!
I have updated my blog with pics.

Grant VK4JAZ

2952. Re: [pfr3_group] AnotherPFR-3 on air!

Yahoo group: pfr3_group
Date: 2011-08-05 02:17:53 UTC
From: f6ddv
Topic: 2949 Message: 2952

Hello Grant
and hello to all friends list
You have my congratulations, I think you were very quick Grant !
For me, as I wrote, the final adjustments are completed, I find my power a little weak in 30m and 40m, (4 W) but other than that I asked the Decalcit last night and today I will to buy the varnish and wait until it is very hard and then put the assembly in the box.
Maybe I should find a support group list for the power before mounting in the box.
It is curious that in my kit is the 20m that was almost 6 W at the beginning of measurement, is that the capacitors in the low-pass filters can only play or the turns?
I just received a kit, O.H.R. The WM-2 QRP wattmeter which is a good kit and I think that can help to measure very small forces (less than 5 mW is possible) I did not have that opportunity.
with this and the new Elecraft I XG3 of becoming better equipped devices for good measures is important I think.
73S and soon
jp F6DDV

----- Original Message -----
From: Grant
To: pfr3_group@yahoogroups.com
Sent: Friday, August 05, 2011 1:10 AM
Subject: [pfr3_group] AnotherPFR-3 on air!

Hi guys, well, we now have another great qrp rig on air. Last night I made my first qso with the pfr-3. I received 599 reports on 40 and 20m from Ray VK4ZW. I didn't try 30m as my ant doesn't tune up on that band. But I have no doubt I would have also received 599 from him on this band.
Thanks for all your help and encouragement. It is the best kit I have built so far (and I have built many). It is also one of the few that has worked first time!
I have updated my blog with pics.

Grant VK4JAZ

2953. Construction of CW QRP pfr3

Yahoo group: pfr3_group
Date: 2011-08-05 21:00:43 UTC
From: f6ddv
Topic: 2953 Message: 2953

Hello Bob, and also other friends list
For once I will send on both lists (pfr3 and QRP cw)
I try not to annoy the guy in a list with the affairs of another list, or why the two lists.
I saw that Bob asked for news of me and the pfr3
I say or I had arrived in the assembly and the small problems that remain to disappear for me, but some questions remained unanswered for several times, and I can not be more qualified than I initially then I ask specific questions but I'd rather wait and not go too fast.
I will not repeat my questions because they are on-line sites, here I'm not online that I am using Outlook, I will online only if I made a mistake or to view old posts or photos.
I'm going very slowly because I do several things in radio and also in construction work in the house ...
I finished the varnish on the case, after the decal is very difficult, I am a little nervous, and fortunately there are two cards to stick signs will almost 3 here, and the varnish, I am not satisfied with my work, I do not own it,
looking to further it will go ... H. I. I would not because the picture may be that this is not a good promotion ...
But never mind, tomorrow I put the assembly in the cabinet, and I would see if I understand how to increase the power of 40 and 30 meters, may be adding a spiral ...
Voila
73s to all and see you again
Jean paul F6DDV

2954. Re: [pfr3_group] Construction of CW QRP pfr3

Yahoo group: pfr3_group
Date: 2011-08-05 21:37:47 UTC
From: Steve Smith
Topic: 2953 Message: 2954

Hello,

How will you know if adding a turn to the 30 and 40 meter filter coils will not simply increases the harmonics?

You are close enough to the rated power output that the low indication could be measurement error.

73.......Steve Smith WB6TNL

From: "f6ddv" <f6ddv@...>
Date: Fri, 5 Aug 2011 23:00:43 +0200

"I would see if I understand how to increase the power of 40 and 30 meters, may be adding a spiral ..."

2955. Re: [pfr3_group] Construction of CW QRP pfr3

Yahoo group: pfr3_group
Date: 2011-08-05 22:25:50 UTC
From: f6ddv
Topic: 2953 Message: 2955

Steve Goodnight
You're right, I do not know about harmonics, no one knows yet if the inductance is correct, but the harmonics do I know, just listen to their level.
I simply note that the other ham radio has too much power on 40m and 30m in the initial measures, and for me the opposite, and 20m I saw 6 W!, But it is the yellow cores when I try to study, I would seek to test and understand what is happening simply, I have not alternative but to test and measure.
for power, you read it with any device I have done so far, the bird 43 with the proper plug for the correct frequency range and provides 5 W playback settings of the scale, and ROS in turn showed 0 W, the load is good up to 1 GHz
My conclusion to my level of simple radio store TV is that the inductance is not correct in 30 m and 40 m may be missing just a half turn, no one knows without trying I think ... I have been paying attention, but I may have made a mistake on both torroids, or all, which may explain the difference of 20 m because the record says that it is generally much less (and myself is more ...)
I tried to put a ferrite on the inside, the power has not moved, I am not surprised, the magnetic field is closed.
Is my reasoning is completely wrong?
Thank you for your response and 73
Jean paul F6DDV

From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Friday, August 05, 2011 11:37 PM
Subject: Re: [pfr3_group] Construction of CW QRP pfr3

Hello,

How will you know if adding a turn to the 30 and 40 meter filter coils will not simply increases the harmonics?

You are close enough to the rated power output that the low indication could be measurement error.

73.......Steve Smith WB6TNL

From: "f6ddv" <f6ddv@...>
Date: Fri, 5 Aug 2011 23:00:43 +0200

"I would see if I understand how to increase the power of 40 and 30 meters, may be adding a spiral ..."

2956. Re: [pfr3_group] Construction of CW QRP pfr3

Yahoo group: pfr3_group
Date: 2011-08-05 23:10:05 UTC
From: Steve Smith
Topic: 2953 Message: 2956

Hello Jean Paul,

It has not been unusual for the PFR3 radios to have more power output on 20 than on 40 and 30. I don't know why and you should to go to the designer for that answer. Maybe the output filter on 20 has less loss? Maybe there are more harmonics on 20 which shows as more power output? I do not think that is true but it is possible. Also possible is that you made a mistake winding the toroids but again I don't think this is probable because it would be more likely that the problem would show up on one filter and not both. I also think you have been more careful not to make such a mistake. If you were not such an experienced builder then I would suspect a toroid winding error.

It is also possible that there are measurement errors using the Bird meter. I would suggest comparing it to a carefully constructed and calibrated RF probe. If the measurements agree then I would agree that your power output is somewhat low. You can also compare those measurements to the WM-2. That meter is quite accurate on HF.

73.......Steve Smith WB6TNL

2957. Re: [pfr3_group] Construction of CW QRP pfr3

Yahoo group: pfr3_group
Date: 2011-08-06 01:54:21 UTC
From: Steven Weber
Topic: 2953 Message: 2957

> It has not been unusual for the PFR3 radios to have more power output on
> 20 than on 40 and 30. I don't know why and you should to go to the
> designer for that answer.

There is some variation between cores. The cores I used to determine the number of turns years ago might have been slightly different from the cores currently supplied. There is also some variation in how the core is wound, real tight to the core or real sloppy.

If you feel you MUST get at least 5 watts out, removing a turn from L8 / L10 (the core on the PA side of the filter) will increase the power output.

72, Steve KD1JV

2958. Re: [pfr3_group] Construction of CW QRP pfr3

Yahoo group: pfr3_group
Date: 2011-08-06 02:13:24 UTC
From: f6ddv
Topic: 2953 Message: 2958

Hello Steve
It's true I wonder if the cork is released with few copies in bird model: H 10 (2 to 30 MHz 10 W
Purchased from Henry Radio is really fair, the TRX other things it gives quite logical, as the DC30B 900 mW is quite possible. (To compare)
the cap is not linear? Is not very common among bird either,
but small powers may be limited for him, the WM-2 there is an amplifier and several scales, it is probably not by chance ...
I feel like I have put the right number of turns counted from the first community in the past, and it is the view of many as well.
But in fact this is not the first kit for me, I take my time and I do a little attention, I re control at least twice, and the cores are in their proper place.
But hey, this is not a disaster, it leaves much of the power and it does not seem self - oscillate either, the signal is pure on the RX station ... is an enigma ... H. I.
I will try to understand what is happening, I wonder if the side of the capacitors it would not be a problem because there is a mix of brands, they are not all the same type of insulating material in the filter passes down ... may be trying small capacity in parallel to see the reaction.
I admit that I'm surprised a little, but I'm not really worried, I'm rather interested to know the reason ...
I want to wait a bit before getting into the box, I'm not really in a hurry ...
I have not installed the kit WM-2 it just happened, but it's actually a serious wattmeter
A bientot, 73S
jp F6DDV

From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Saturday, August 06, 2011 1:10 AM
Subject: Re: [pfr3_group] Construction of CW QRP pfr3

Hello Jean Paul,

It has not been unusual for the PFR3 radios to have more power output on 20 than on 40 and 30. I don't know why and you should to go to the designer for that answer. Maybe the output filter on 20 has less loss? Maybe there are more harmonics on 20 which shows as more power output? I do not think that is true but it is possible. Also possible is that you made a mistake winding the toroids but again I don't think this is probable because it would be more likely that the problem would show up on one filter and not both. I also think you have been more careful not to make such a mistake. If you were not such an experienced builder then I would suspect a toroid winding error.

It is also possible that there are measurement errors using the Bird meter. I would suggest comparing it to a carefully constructed and calibrated RF probe. If the measurements agree then I would agree that your power output is somewhat low. You can also compare those measurements to the WM-2. That meter is quite accurate on HF.

73.......Steve Smith WB6TNL

2959. Re: [pfr3_group] Construction of CW QRP pfr3

Yahoo group: pfr3_group
Date: 2011-08-06 02:23:50 UTC
From: f6ddv
Topic: 2953 Message: 2959

Thank you for the information Steve, I'll try this
73S
jp F6DDV

----- Original Message -----
From: Steven Weber
To: pfr3_group@...m
Sent: Saturday, August 06, 2011 3:54 AM
Subject: Re: [pfr3_group] Construction of CW QRP pfr3

> It has not been unusual for the PFR3 radios to have more power output on
> 20 than on 40 and 30. I don't know why and you should to go to the
> designer for that answer.

There is some variation between cores. The cores I used to determine the number of turns years ago might have been slightly different from the cores currently supplied. There is also some variation in how the core is wound, real tight to the core or real sloppy.

If you feel you MUST get at least 5 watts out, removing a turn from L8 / L10 (the core on the PA side of the filter) will increase the power output.

72, Steve KD1JV

2960. Re: [pfr3_group] Construction of CW QRP pfr3

Yahoo group: pfr3_group
Date: 2011-08-06 14:59:53 UTC
From: f6ddv
Topic: 2953 Message: 2960

Hello Steve and hello to friends list
I have something strange to tell, I now have 5 W of 14 MHz to 10 MHz and 7 MHz perfectly stable.
Trying to change L8 and L10, by spreading or compressing the turns that only reduces the power, nothing else.
But as I go up against the turns a bit by bringing them closer to the top of L9 and L11, everything is normal
I managed to have 5 W on 10 MHz and 7 MHz, the number of turns was not changed.
L12 and L13 were not affected, L12 slightly to reduce power: 6 W to 5 W on 20 m
The BS170 is not even warm to the touch with the tunes
power is about 12 volts
The more I read throughput is 770 mA
What do you think?
73s John Paul F6DDV

From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Saturday, August 06, 2011 3:54 AM
Subject: Re: [pfr3_group] Construction of CW QRP pfr3

> It has not been unusual for the PFR3 radios to have more power output on
> 20 than on 40 and 30. I don't know why and you should to go to the
> designer for that answer.

There is some variation between cores. The cores I used to determine the
number of turns years ago might have been slightly different from the cores
currently supplied. There is also some variation in how the core is wound,
real tight to the core or real sloppy.

If you feel you MUST get at least 5 watts out, removing a turn from L8 / L10
(the core on the PA side of the filter) will increase the power output.

72, Steve KD1JV

2961. Re: [pfr3_group] Construction of CW QRP pfr3

Yahoo group: pfr3_group
Date: 2011-08-06 15:22:58 UTC
From: Steven Weber
Topic: 2953 Message: 2961

I think you finally got it adjusted just right.
KD1JV

Hello Steve and hello to friends list
I have something strange to tell, I now have 5 W of 14 MHz to 10 MHz and 7 MHz perfectly stable.
Trying to change L8 and L10, by spreading or compressing the turns that only reduces the power, nothing else.
But as I go up against the turns a bit by bringing them closer to the top of L9 and L11, everything is normal
I managed to have 5 W on 10 MHz and 7 MHz, the number of turns was not changed.
L12 and L13 were not affected, L12 slightly to reduce power: 6 W to 5 W on 20 m
The BS170 is not even warm to the touch with the tunes
power is about 12 volts
The more I read throughput is 770 mA
What do you think?
73s John Paul F6DDV

From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Saturday, August 06, 2011 3:54 AM
Subject: Re: [pfr3_group] Construction of CW QRP pfr3

> It has not been unusual for the PFR3 radios to have more power output on
> 20 than on 40 and 30. I don't know why and you should to go to the
> designer for that answer.

There is some variation between cores. The cores I used to determine the
number of turns years ago might have been slightly different from the cores
currently supplied. There is also some variation in how the core is wound,
real tight to the core or real sloppy.

If you feel you MUST get at least 5 watts out, removing a turn from L8 / L10
(the core on the PA side of the filter) will increase the power output.

72, Steve KD1JV

2962. Re: [pfr3_group] Construction of CW QRP pfr3

Yahoo group: pfr3_group
Date: 2011-08-06 16:22:59 UTC
From: f6ddv
Topic: 2953 Message: 2962

Re Hello again Steve
Well, ok, it's a bit short as an explanation based on your expert opinion of this great assembly which you are the Father ...

Just, you know that I have read anywhere that it is possible to change the turns on L9 L11 L13,
L8 L10 L12 only, then as I am not the best technique (and not in English unfortunately), I remained disciplined and stuck there by the fear of making a mistake.

I think I have to understand that the impedance on the side of BS170 was correct, but that's beside the 50 ohm load that was not the case
and that I should understand the need to adapt.
Thank you for guidance in developing this part of the assembly.

cordially
Jean Paul F6DDV

From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Saturday, August 06, 2011 5:22 PM
Subject: Re: [pfr3_group] Construction of CW QRP pfr3

I think you finally got it adjusted just right.
KD1JV

Hello Steve and hello to friends list
I have something strange to tell, I now have 5 W of 14 MHz to 10 MHz and 7 MHz perfectly stable.
Trying to change L8 and L10, by spreading or compressing the turns that only reduces the power, nothing else.
But as I go up against the turns a bit by bringing them closer to the top of L9 and L11, everything is normal
I managed to have 5 W on 10 MHz and 7 MHz, the number of turns was not changed.
L12 and L13 were not affected, L12 slightly to reduce power: 6 W to 5 W on 20 m
The BS170 is not even warm to the touch with the tunes
power is about 12 volts
The more I read throughput is 770 mA
What do you think?
73s John Paul F6DDV

From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Saturday, August 06, 2011 3:54 AM
Subject: Re: [pfr3_group] Construction of CW QRP pfr3

> It has not been unusual for the PFR3 radios to have more power output on
> 20 than on 40 and 30. I don't know why and you should to go to the

> designer for that answer.

There is some variation between cores. The cores I used to determine the number of turns years ago might have been slightly different from the cores currently supplied. There is also some variation in how the core is wound, real tight to the core or real sloppy.

If you feel you MUST get at least 5 watts out, removing a turn from L8 / L10 (the core on the PA side of the filter) will increase the power output.

72, Steve KD1JV

2963. Increasing the volume?

Yahoo group: pfr3_group
Date: 2011-08-07 23:06:27 UTC
From: Grant
Topic: 2963 Message: 2963

Hi guys,

Well, my PFR-3 is up and running. I was reading 4W out on 40 and 30 and 5W on 20, and decided to play with the windings of the coils to increase them all to 5W. This entailed removing the board from the enclosure, which was tricky given the wiring up of the sockets, etc. Nevertheless I found that bunching the turns tighter together so they occupy the upper half of the cores did the job nicely. Now I get 5W (or just about as close at it gets on my MFJ Versa Tuna meter). But now I may have another issue: it seems to me the receive volume is much lower than it used to be. For instance, I had a QSO with Ray VK4ZW, also on a PFR-3 and only about a mile away from my shack) and on 40m I had my volume and RX Peak at max. He was at a comfortable audio level in my headphones. Previously he would have split my ear drums, forcing me to wind back the RX Peak and vol due to sig strength and distance. I also tuned in to sigs further afield and compared them to what I could hear on my FT-450, using exactly the same ant and ant settings. Seems to my ear that the PFR-3 is about half as weak on receive.

Has playing with the coils affected receive volume, or is it more a factor of solar flares or conditions? Anything else I need to check?

Regards
Grant VK4JAZ

2964. assembly of pfr3

Yahoo group: pfr3_group
Date: 2011-08-07 23:13:53 UTC
From: f6ddv
Topic: 2964 Message: 2964

Hello everyone
The assembly of small yellow pfr3 is now complete
The various problems encountered have been resolved, the last one was a poor screw banana plugs balanced outputs, you see the news photos.
(impossible to tighten the nuts, the screw is not exactly the same, I can throw them away)
I have replaced with new business models, it's no big deal ...
Otherwise, the power has remained the same, largely on the three W 5 bands
reception is good, the BLT works well with a simple wire a few feet with a ground wire the same as well, which is a good sign.
Overall the installation went well, I think a little of myself to some problems and you will see that the internal wiring is slightly different from the original.
Missing components, but many others was extra in the Kit
I would not use the blocks provided for batteries, I prefer to weld cell LiIon battery type later and also add a connector for the external charger.
Can also add an amplifier and a speaker for the headphone output is a little weak.
The photos of the installation are available below

http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list

73s to all of John Paul F6DDV

2965. Re: [pfr3_group] Increasing the volume?

Yahoo group: pfr3_group
Date: 2011-08-08 00:11:24 UTC
From: Larry Makoski
Topic: 2963 Message: 2965

On 8/7/2011 7:06 PM, Grant wrote:
>
> Hi guys,
>
> Well, my PFR-3 is up and running. I was reading 4W out on 40 and 30
> and 5W on 20, and decided to play with the windings of the coils to
> increase them all to 5W. This entailed removing the board from the
> enclosure, which was tricky given the wiring up of the sockets, etc.
> Nevertheless I found that bunching the turns tighter together so they
> occupy the upper half of the cores did the job nicely. Now I get 5W
> (or just about as close at it gets on my MFJ Versa Tuna meter). But
> now I may have another issue: it seems to me the receive volume is
> much lower than it used to be. For instance, I had a QSO with Ray
> VK4ZW, also on a PFR-3 and only about a mile away from my shack) and
> on 40m I had my volume and RX Peak at max. He was at a comfortable
> audio level in my headphones. Previously he would have split my ear
> drums, forcing me to wind back the RX Peak and vol due to sig strength
> and distance. I also tuned in to sigs further afield and compared them
> to what I could hear on my FT-450, using exactly the same ant and ant
> settings. Seems to my ear that the PFR-3 is about half as weak on
> receive.
>
> Has playing with the coils affected receive volume, or is it more a
> factor of solar flares or conditions? Anything else I need to check?
>
> Regards
> Grant VK4JAZ
>
>
>

Grant,

It seems to vary from PFR3 to PFR3. Some say that their receive volume is just fine. Like you, I think mine is on the weak side. I know a lot of it depends on which earbuds or headphones you use; but in any case, I have resorted to also using a Boosteroo AF amplifier. It really helps.

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

2966. L1

Yahoo group: pfr3_group
Date: 2011-08-08 01:02:34 UTC
From: Grant
Topic: 200 Message: 2966

Hi, I have noticed that some of the turns on my L1 are crossed over each other. Does that matter? Could this account for lower volume on receive?

2967. Re: Power jack

Yahoo group: pfr3_group
Date: 2011-08-08 01:26:39 UTC
From: Ray Buck
Topic: 2928 Message: 2967

Just a note to all. Like Grant I found that the power jack would not fit to the existing hole. I had to use a tapered hand reamer to enlarge the hole. Not a big problem as if taken steadily it is an easy job and doesn't damage the paint work.

Vy 73

de Ray VK4ZW

--- In pfr3_group@...m, "Grant" <grantmcduling@...> wrote:
>
> Hi, Well, I have begun fitting the completed PCB to the enclosure and installing the binding posts etc. My power jack is too large to fit into the hole provided. This means bringing out the rotary tool and attacking the metalwork. But I am having to do this with the PCB in place as it's quite a job to remove it now. Anyway, it might be advisable for those not yet at this stage to check theirs first and make the adjustment beforehand. The other problem I face is damaging the clear coat with excess heat from the drill because I have completed spraying the enclosure.
>

2968. RE: [pfr3_group] L1

Yahoo group: pfr3_group
Date: 2011-08-08 01:34:29 UTC
From: Dale Putnam
Topic: 200 Message: 2968

Hi Grant,
I'm thinking that the crossed winding of L1 will affect the rx, however, I'm not sure that they would make the rx sens or volume drop off like it did for you, as you only optimized the tx power, by adjusting the L8-12 toroids. Do you have any background noise or is it just very quiet? Since you've got it back together, have you used it on 40? How does it sound there?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Mon, 8 Aug 2011 01:02:34 +0000
Subject: [pfr3_group] L1

Hi, I have noticed that some of the turns on my L1 are crossed over each other. Does that matter? Could this account for lower volume on receive?

2969. Completed build of PFR-3a

Yahoo group: pfr3_group
Date: 2011-08-08 01:38:18 UTC
From: Ray Buck
Topic: 2969 Message: 2969

I completed the build of the PFR3-A on Friday 5 August 2011. For a number of reasons I took my time for the build. The rig worked as advertised; not quite 5W on 40 but near enough.

My first QSO was 0n 40M, QRP to QRP (PFR3 to Elecraft K1), about 730Km or 454 miles; my second QSO was into Invercargill New Zealand - a distance of 2497.7 km or 1552 miles) with a 559 report. My 4 plus Watts against 400 Watts. Needless to say I was quite pleased. My antenna is a modified all-band doublet at about 6 Metres.

I'm looking forward to taking the PFR portable.

Thanks to Steve for the design and Doug for the opportunity to build and own such a great the kit radio.

vy 73

de Ray VK4ZW

2970. RE: [pfr3_group] assembly of pfr3

Yahoo group: pfr3_group
Date: 2011-08-08 02:07:09 UTC
From: Paul Feltz
Topic: 2964 Message: 2970

Congratulations, and beautiful work John Paul

72, Paul WA0VDM

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Mon, 8 Aug 2011 01:13:53 +0200
Subject: [pfr3_group] assembly of pfr3

Hello everyone
The assembly of small yellow pfr3 is now complete
The various problems encountered have been resolved, the last one was a poor screw banana plugs balanced outputs, you see the news photos.
(impossible to tighten the nuts, the screw is not exactly the same, I can throw them away)
I have replaced with new business models, it's no big deal ...
Otherwise, the power has remained the same, largely on the three W 5 bands
reception is good, the BLT works well with a simple wire a few feet with a ground wire the same as well, which is a good sign.
Overall the installation went well, I think a little of myself to some problems and you will see that the internal wiring is slightly different from the original.
Missing components, but many others was extra in the Kit
I would not use the blocks provided for batteries, I prefer to weld cell LiIon battery type later and also add a connector for the external charger.
Can also add an amplifier and a speaker for the headphone output is a little weak.
The photos of the installation are available below

http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list

73s to all of John Paul F6DDV

2971. Re: L1

Yahoo group: pfr3_group
Date: 2011-08-08 02:34:34 UTC
From: Grant
Topic: 200 Message: 2971

Hi Dale
On 40 I do have good background noise. But playing with the RX Peak hardly makes any difference. It did the first time I used the rig, but not any more. I think I need to pull out the 30m torroid and redo the soldering, and may as well rewind L1 while I have the board out. Perhaps that will do the trick.

Grant
--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
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> Hi Grant,
> I'm thinking that the crossed winding of L1 will affect the rx, however, I'm not sure that they would make the rx sens or volume drop off like it did for you, as you only optimized the tx power, by adjusting the L8-12 toroids. Do you have any background noise or is it just very quiet? Since you've got it back together, have you used it on 40? How does it sound there?
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: grantmcduling@...
> Date: Mon, 8 Aug 2011 01:02:34 +0000
> Subject: [pfr3_group] L1
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>
> Hi, I have noticed that some of the turns on my L1 are crossed over each other. Does that matter? Could this account for lower volume on receive?
>

2972. RE: [pfr3_group] Completed build of PFR-3a

Yahoo group: pfr3_group
Date: 2011-08-08 02:37:31 UTC
From: Dale Putnam
Topic: 2969 Message: 2972

Congratulations, Ray, very good. I'm sure you will find that you won't miss a lick of fun with it...
not to mention, you won't miss picking it up after enjoying it all outing long.
Good DX, and maybe one day we can do a 323Q.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: randrbuck@...
Date: Mon, 8 Aug 2011 01:38:18 +0000
Subject: [pfr3_group] Completed build of PFR-3a

I completed the build of the PFR3-A on Friday 5 August 2011. For a number of reasons I took my time for the build. The rig worked as advertised; not quite 5W on 40 but near enough.

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I'm looking forward to taking the PFR portable.

Thanks to Steve for the design and Doug for the opportunity to build and own such a great the kit radio.

vy 73

de Ray VK4ZW

2973. C74/75 half moons

Yahoo group: pfr3_group
Date: 2011-08-08 02:42:35 UTC
From: Grant
Topic: 2973 Message: 2973

What does the 'half moon' look like? I did mine like I think it should be but aren't sure what it should look like. What about C72/73? Also half moons? Would this affect receive volume?

2974. RE: [pfr3_group] Re: L1

Yahoo group: pfr3_group
Date: 2011-08-08 02:42:54 UTC
From: Dale Putnam
Topic: 200 Message: 2974

Hi Grant,
If it is a band by band issue, then individual toroids maybe the solution, and one place to check may very well be T1 or L, and it may pay to check the soldering around the rx ICs too. (U1 or 2)
The tuning or peaking on 40 is broad, and the peak gets sharper on 30. But the peaks follow the numbers on the panel pretty well. IF it doesn't maybe a check of the trimmers of the cap would be in order, after working over T1 and L1.
Good luck,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Mon, 8 Aug 2011 02:34:34 +0000
Subject: [pfr3_group] Re: L1

Hi Dale
On 40 I do have good background noise. But playing with the RX Peak hardly makes any difference. It did the first time I used the rig, but not any more. I think I need to pull out the 30m torroid and redo the soldering, and may as well rewind L1 while I have the board out. Perhaps that will do the trick.

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> To: pfr3_group@yahoogroups.com
> From: grantmcduling@...
> Date: Mon, 8 Aug 2011 01:02:34 +0000
> Subject: [pfr3_group] L1
>
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> Hi, I have noticed that some of the turns on my L1 are crossed over each other. Does that matter? Could this account for lower volume on receive?
>

2975. RE: [pfr3_group] C74/75 half moons

Yahoo group: pfr3_group
Date: 2011-08-08 02:44:57 UTC
From: Dale Putnam
Topic: 2973 Message: 2975

It would change the peaking a little bit, the half moon look is when you only see a half circle of the trimmer. I "half moon" them all. IF you can't peak the rx, then yes, it would affect the rx volume. Do the voltages around U4 look good?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Mon, 8 Aug 2011 02:42:35 +0000
Subject: [pfr3_group] C74/75 half moons

What does the 'half moon' look like? I did mine like I think it should be but aren't sure what it should look like. What about C72/73? Also half moons? Would this affect receive volume?

2976. Re: [pfr3_group] L1

Yahoo group: pfr3_group
Date: 2011-08-08 02:59:03 UTC
From: Steven Weber
Topic: 200 Message: 2976

> Hi, I have noticed that some of the turns on my L1 are crossed over each
> other. Does that matter? Could this account for lower volume on receive?
>
No, shouldn't. You say it sounded fine before fiddling with the LPF coils.
I'd check the T1 connections, maybe one broke with the handleing. Or maybe a
missing solder connection someplace. Could have been working due to a
friction fit at first, but then opened up when moving the board around.

Or you could move the turns back more to where they were on the LPF and see
if that makes a difference. Might be you improved power output, but moved
the knee of the filter below the band and attenuating receive signals now.

Without an actual, calibrated signal source its a bit hard to subjectively
qualify signal sensitivity.

Steve KD1JV

2977. Re: [pfr3_group] Increasing the volume?

Yahoo group: pfr3_group
Date: 2011-08-08 09:24:38 UTC
From: f6ddv
Topic: 2963 Message: 2977

Hello to all and Grandt
I found some questions about problems in finalizing I met exactly the same.
- Not enough power in 30m and 40m
- Hole too small
- Questions about setting up and taken to ensure your T1
and others ...
Maybe a little memo on these boards before the builders stop ham radio installation for several days, scratching his head would be nice for the friends list?
There is also an update of the installation manual that is online, but we will blame me for taking care of me that's not my business be?
I'll just answer on my solution for these problems:
Grandt, you do not say on what you have worked torroid
Pou me was exactly the same problem, too much power and not enough on 20m 30m and 40m
the instructions advise to work on the turns of L8 L10 L12
(L8 and L10 for 40m and 30m) and nothing else.
This action is not brought to my pfr3 it is only possible to lower the power, these reactors are on the side of BS170)
The solution for me was to trace the turns of L9 and L11 to the top of the torus
These cores are on the side of the antenna load and power is passed easily to more than 5 W, it must be very careful.
Concerning the meaning of the winding 5 turns of T1, I also asked, for indeed if the coil 5 turns in the opposite direction outputs appear perfectly in the holes, but I was stuck in my editing I chose to meet in the wires seem to "make loop" (see drawing)
and these wires are passed through a single hole in the ground,
son to the other two L and S as described.
Maybe if we reverse the direction of the winding 5 turns the result is the same, but I did not want to test this, I had already pretty late.
there are some changes I wanted to do the wiring and other, I will answer questions from modest ham radio manufacturers on the technical reason as I used.
photos of my installation are on site, hot hypertext below
I think I will make a key double saw blade that will fit the prf3 like the one pictured on the site, but simpler, method A or B is not useful for me, I am one "small "in Morse, H. I.
http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list
Good day to all and 73S
jean paul F6DDV

Hi guys,

Well, my PFR-3 is up and running. I was reading 4W out on 40 and 30 and 5W on 20, and decided to play with the windings of the coils to increase them all to 5W. This entailed removing the board from the enclosure, which was tricky given the wiring up of the sockets, etc. Nevertheless I found that bunching the turns tighter together so they occupy the upper half of the cores did the job nicely. Now I get 5W (or just about as close at it gets on my MFJ Versa Tuna meter). But now I may have another issue: it seems to me the receive volume is much lower than it used to be. For instance, I had a QSO with Ray VK4ZW, also on a PFR-3

and only about a mile away from my shack) and on 40m I had my volume and RX Peak at max. He was at a comfortable audio level in my headphones. Previously he would have split my ear drums, forcing me to wind back the RX Peak and vol due to sig strength and distance. I also tuned in to sigs further afield and compared them to what I could hear on my FT-450, using exactly the same ant and ant settings. Seems to my ear that the PFR-3 is about half as weak on receive.

Has playing with the coils affected receive volume, or is it more a factor of solar flares or conditions? Anything else I need to check?

Regards
Grant VK4JAZ

2978. Re: [pfr3_group] Increasing the volume?

Yahoo group: pfr3_group
Date: 2011-08-08 09:36:22 UTC
From: f6ddv
Topic: 2963 Message: 2978

Hi Larry
Normally if the impedance of the headphones is good power is ample, 16 ohm or more is not good, 8 ohm's okay in my opinion, a careful record Jacq mono down in the second "click" does not sound and is a short-circuit output.
On an 8 ohm speaker means well, but it is a little weak
Indeed, an amp or other exterior ipod can be useful
73S
jp F6DDV
----- Original Message -----
From: Larry Makoski
To: pfr3_group@yahoogroups.com
Sent: Monday, August 08, 2011 2:11 AM
Subject: Re: [pfr3_group] Increasing the volume?
It seems to vary from PFR3 to PFR3. Some say that their receive volume is just fine. Like you, I think mine is on the weak side. I know a lot of it depends on which earbuds or headphones you use; but in any case, I have resorted to also using a Boosteroo AF amplifier. It really helps.

Larry W2LJ

73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

2979. Re: [pfr3_group] Re: Power jack

Yahoo group: pfr3_group
Date: 2011-08-08 10:07:01 UTC
From: f6ddv
Topic: 2928 Message: 2979

It's true Ray
This hole in the power plug is really too small
should be tested before painting if possible
Jacq holes (painting)
BNC hole: remove some aluminum
hole external power: remove a lot of aluminum
see you soon
F6DDV
It is good to scratch the paint on the inside to make visible the aluminum before the introduction of power and BNC plug
(HF ground contact can make the problem, the reference ground potential should be the same)
----- Original Message -----
From: Ray Buck
To: pfr3_group@yahoogroups.com
Sent: Monday, August 08, 2011 3:26 AM
Subject: [pfr3_group] Re: Power jack

Just a note to all. Like Grant I found that the power jack would not fit to the existing hole. I had to use a tapered hand reamer to enlarge the hole. Not a big problem as if taken steadily it is an easy job and doesn't damage the paint work.

Vy 73

de Ray VK4ZW

2980. Re: [pfr3_group] assembly of pfr3

Yahoo group: pfr3_group
Date: 2011-08-08 10:18:31 UTC
From: f6ddv
Topic: 2964 Message: 2980

thank you Paul
I try my best to work, and especially what is important is to show his version to friends and give the results and explain why it worked this way if a ham radio asking.
I think it's important that you follow the schematic of the assembly and try to think and understand what each element, and what solution can be made to the problem which may be different from that of other ham radio.
I made the mistake of not carefully check the electrical schematic pfr3a at the start and I missed an obvious solution
Nobody is perfect ... H. I.
73S
F6DDV

----- Original Message -----
From: Paul Feltz
To: pfr3_group@yahoogroups.com
Sent: Monday, August 08, 2011 4:07 AM
Subject: RE: [pfr3_group] assembly of pfr3

Congratulations, and beautiful work John Paul

72, Paul WA0VDM

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Mon, 8 Aug 2011 01:13:53 +0200
Subject: [pfr3_group] assembly of pfr3

Hello everyone
The assembly of small yellow pfr3 is now complete
The various problems encountered have been resolved, the last one was a poor screw banana plugs balanced outputs, you see the news photos.
(impossible to tighten the nuts, the screw is not exactly the same, I can throw them away)
I have replaced with new business models, it's no big deal ...
Otherwise, the power has remained the same, largely on the three W 5 bands
reception is good, the BLT works well with a simple wire a few feet with a ground wire the same as well, which is a good sign.
Overall the installation went well, I think a little of myself to some problems and you will see that the internal wiring is slightly different from the original.
Missing components, but many others was extra in the Kit
I would not use the blocks provided for batteries, I prefer to weld cell LiIon battery type later and also add a connector for the external charger.
Can also add an amplifier and a speaker for the headphone output is a little weak.
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73s to all of John Paul F6DDV

2981. Re: [pfr3_group] Re: L1

Yahoo group: pfr3_group
Date: 2011-08-08 10:33:41 UTC
From: f6ddv
Topic: 200 Message: 2981

Hello everyone
This is an important issue that requires a little patience
we can indeed set to amplify the noise, the maximum noise is not always the solution, it is a mistake, try to produce a very weak signal
with a small xtal oscillator or signal generator, and try to increase the signal and check if there is a maximum increase of the signal and lower noise
The signal + noise divided by the noise is not simple, you need a small generator and lots of patience and can succeed in making the assembly
more efficient than others on a small signal can be, it's a great chalenge interesting.
I remember that I changed the transformer and the small binocular TRX DC30B and the circuit of the tuning capacitor,
and I ended up getting a more powerful receiver with less noise on small signals, it's very interesting , it is always well rewarded for his patience.
see you soon
jp F6DDV

----- Original Message -----
From: Grant
To: pfr3_group@yahoogroups.com
Sent: Monday, August 08, 2011 4:34 AM
Subject: [pfr3_group] Re: L1

Hi Dale
On 40 I do have good background noise. But playing with the RX Peak hardly makes any difference. It did the first time I used the rig, but not any more. I think I need to pull out the 30m torroid and redo the soldering, and may as well rewind L1 while I have the board out. Perhaps that will do the trick.

Grant
--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
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> --... ...-- Dale - WC7S in Wy
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>
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> To: pfr3_group@yahoogroups.com
> From: grantmcduling@...

> Date: Mon, 8 Aug 2011 01:02:34 +0000
> Subject: [pfr3_group] L1
>
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>
> Hi, I have noticed that some of the turns on my L1 are crossed over each other. Does that matter? Could this account for lower volume on receive?
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2982. Re: [pfr3_group] C74/75 half moons

Yahoo group: pfr3_group
Date: 2011-08-08 10:53:41 UTC
From: f6ddv
Topic: 2973 Message: 2982

Very interesting Dale
This is the kind of exchange on this list very useful
This answers one of my current issue, as the agreement of the peak frequency of 20 m is very close to the mechanical stop of the condenser double,
probably every ham radio is not exactly the same processor and the distributed capacitance in the coils is not the same for all
it is possible to adjust the trimmers two half moon for two circuits of separate agreements on one side and the other capacitor 4.7 pF (or 5) to improve this?
can be a little variable capacitor instead of the 5 pF would be interesting to try
Thank you and 73s

----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Monday, August 08, 2011 4:44 AM
Subject: RE: [pfr3_group] C74/75 half moons

It would change the peaking a little bit, the half moon look is when you only see a half circle of the trimmer. I "half moon" them all. IF you can't peak the rx, then yes, it would affect the rx volume. Do the voltages around U4 look good?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Mon, 8 Aug 2011 02:42:35 +0000
Subject: [pfr3_group] C74/75 half moons

What does the 'half moon' look like? I did mine like I think it should be but aren't sure what it should look like. What about C72/73? Also half moons? Would this affect receive volume?

2983. RE: [pfr3_group] C74/75 half moons

Yahoo group: pfr3_group
Date: 2011-08-08 12:39:42 UTC
From: Dale Putnam
Topic: 2973 Message: 2983

You can certainly adjust the trimmers to any position that works best for you, but I have found leaving the trimmers to the "half moon" adjustment, and making the toroids tune correctly is a better total solution. The winding of the toroids, on cores that may not be exactly the same each time, has much more variance than capacitors that are physically identical.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@...m
From: f6ddv@...
Date: Mon, 8 Aug 2011 12:53:41 +0200
Subject: Re: [pfr3_group] C74/75 half moons

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Subject: [pfr3_group] C74/75 half moons

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2984. Re: [pfr3_group] C74/75 half moons

Yahoo group: pfr3_group
Date: 2011-08-08 13:01:27 UTC
From: f6ddv
Topic: 2973 Message: 2984
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Dale
It is true that act on the toroids seem more effective, I will try this for the problem of the agreement too close to the stop on 20m, it should be possible but the sensitivity of my pfr3a seems to me good or I'll try to quantify the threshold of sensitivity, I still work in microvolts ... dBm and I have not yet used to play with.
Oh, by the way, the "head" of L10 L8 here for 5 W in 30 and 40m ... 73s from F6DDV

----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Monday, August 08, 2011 2:39 PM
Subject: RE: [pfr3_group] C74/75 half moons

You can certainly adjust the trimmers to any position that works best for you, but I have found leaving the trimmers to the "half moon" adjustment, and making the toroids tune correctly is a better total solution. The winding of the toroids, on cores that may not be exactly the same each time, has much more variance than capacitors that are physically identical.
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To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Mon, 8 Aug 2011 12:53:41 +0200
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To: pfr3_group@yahoogroups.com
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What does the 'half moon' look like? I did mine like I think it should be but aren't sure what it should look like. What about C72/73? Also half moons? Would this affect receive volume?

2985. Mounting LED Module

Yahoo group: pfr3_group
Date: 2011-08-08 22:20:20 UTC
From: k6mgo@verizon.net
Topic: 2985 Message: 2985

I think I know what I'm doing, but, would appreciate some reassurance, just in case.
I recall reading a post by Carey, K2RNY, where he said to just insert the LED Mod leads into the holes, and then mount the ckt. board to the top cover with a couple of screws and tack the corners of the Mod.
I am assuming that I don't need any more clearance than for the red filter, so, the weight of the module will come right up to the cut-out in the top cover, and make sure it's centered, RIGHT?
Thanks for any help,

73, Bill, k6mgo

2986. On air again and T3

Yahoo group: pfr3_group
Date: 2011-08-08 22:48:17 UTC
From: Grant
Topic: 2986 Message: 2986

Hi Guys,

I pulled out L11 and rewound it. Now I get a good solid 5W out on 30m. While I had the board out, I changed the twisted 'coax' cable for real coax and took a look at T3. I used the enamel wire for winding this core for the two wires that connect to the binding posts. Do you think this could be a problem? Should I have used the hook up wire provided with the kit instead?

I tested the rig last night and had a good qso on 40m with a ZL. He gave me a solid 579 so it seems to be working fine business now.

2987. RE: [pfr3_group] On air again and T3

Yahoo group: pfr3_group
Date: 2011-08-08 22:53:36 UTC
From: Dale Putnam
Topic: 2986 Message: 2987

Hi Grant,
I would be concerned that the solid enamal wire, would have a tendency to break with vibration. The hookup wire is stranded and will withstand vibration better.
And good on L11 rewind, that is exactly what happens almost every time there is an issue with sensitivity.
Congratulations, Way to go Grant!!
--... ..---
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: grantmcduling@...
Date: Mon, 8 Aug 2011 22:48:17 +0000
Subject: [pfr3_group] On air again and T3

Hi Guys,

I pulled out L11 and rewound it. Now I get a good solid 5W out on 30m. While I had the board out, I changed the twisted 'coax' cable for real coax and took a look at T3. I used the enamel wire for winding this core for the two wires that connect to the binding posts. Do you think this could be a problem? Should I have used the hook up wire provided with the kit instead?

I tested the rig last night and had a good qso on 40m with a ZL. He gave me a solid 579 so it seems to be working fine business now.

2988. RE: [pfr3_group] Mounting LED Module

Yahoo group: pfr3_group
Date: 2011-08-08 22:57:26 UTC
From: Dale Putnam
Topic: 2985 Message: 2988

Hi Bill,
Yes, that is the procedure, the red lense is so thin, it isn't an issue, especially if you don't snug up the board real tight before tacking in the corners of the led to the board.
Good luck,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Mon, 8 Aug 2011 22:20:20 +0000
Subject: [pfr3_group] Mounting LED Module

I think I know what I'm doing, but, would appreciate some reassurance, just in case.
I recall reading a post by Carey, K2RNY, where he said to just insert the LED Mod leads into the holes, and then mount the ckt. board to the top cover with a couple of screws and tack the corners of the Mod.
I am assuming that I don't need any more clearance than for the red filter, so, the weight of the module will come right up to the cut-out in the top cover, and make sure it's centered, RIGHT?
Thanks for any help,

73, Bill, k6mgo

2989. Re: [pfr3_group] Mounting LED Module

Yahoo group: pfr3_group
Date: 2011-08-09 08:44:42 UTC
From: f6ddv
Topic: 2985 Message: 2989

Hello Bill
and good morning to all
For my part, I preferred to introduce the LED display and also led the BLT and ask the printed circuit board with 4 screws.
Do not forget to place the red filter temporarily.
Then we take time to see if the display is flat at one end, and gently pressed with your finger on the tip of the display of legs,
as we verified that lies flat on the red filter the box, is placed gently on two supports and can weld the legs of the display.
the legs of the display are almost flush with the PCB, you feel just the tip of the legs with your finger.
this way the display will be snug on the inside of aluminum, and then to mount a rule can be sure that no component exceeds this height.
I led for the BLT is exactly the same by checking it over just right, and then there is no problem for the implementation.
see you
73s
F6DDV

----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 09, 2011 12:20 AM
Subject: [pfr3_group] Mounting LED Module

I think I know what I'm doing, but, would appreciate some reassurance, just in case.
I recall reading a post by Carey, K2RNY, where he said to just insert the LED Mod leads into the holes, and then mount the ckt. board to the top cover with a couple of screws and tack the corners of the Mod.
I am assuming that I don't need any more clearance than for the red filter, so, the weight of the module will come right up to the cut-out in the top cover, and make sure it's centered, RIGHT?
Thanks for any help,

73, Bill, k6mgo

2990. Re: [pfr3_group] Mounting LED Module

Yahoo group: pfr3_group
Date: 2011-08-09 12:42:19 UTC
From: Carey Magee (K2RNY)
Topic: 2985 Message: 2990

Hi Bill:

Good point and apologies for not being more specific. I also placed the red film over the hole in the cabinet before I got started mounting the LED. I used some clear tape on the ends to hold the filter in place.

Good luck. I am in Virginia on vacation with the family as I write this and hope to get on the air with my PFR-3A this week.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

----- k6mgo@... wrote:

I think I know what I'm doing, but, would appreciate some reassurance, just in case.
I recall reading a post by Carey, K2RNY, where he said to just insert the LED Mod leads into the holes, and then mount the ckt. board to the top cover with a couple of screws and tack the corners of the Mod.
I am assuming that I don't need any more clearance than for the red filter, so, the weight of the module will come right up to the cut-out in the top cover, and make sure it's centered, RIGHT?
Thanks for any help,

73, Bill, k6mgo

2991. Algonquin Park trip--remote qrp with the PFR-3

Yahoo group: pfr3_group
Date: 2011-08-09 23:14:49 UTC
From: va3ied
Topic: 2991 Message: 2991

http://www.youtube.com/watch?v=au9_yGNJzCI

have a look

cheers

scott va3ied

2992. BFO adjustment

Yahoo group: pfr3_group
Date: 2011-08-10 22:19:36 UTC
From: Grant
Topic: 2992 Message: 2992

Hi guys, last night, on VK4ZW's advice, I ran through the BFO adjustment again because he found his had changed since first being calibrated. I opened up my enclosure and followed the instructions on P11 of the manual and sure enough, the BFO tone and sidetone weren't in sync. I made the adjustment and saved the setting as instructed. Has anyone else noticed the same thing?

Regards
Grant VK4JAZ

2993. Re: [pfr3_group] BFO adjustment

Yahoo group: pfr3_group
Date: 2011-08-11 09:20:23 UTC
From: f6ddv
Topic: 2992 Message: 2993

Hello Grandt
And good morning to all
I did not notice of realignment since the start box, it is of course possible if the son, etc. are brought close after the completion of assembly,
or simply the presence of a greater mass of the case, the frequency is to adjust again, I do not seem impossible.
For the rest, I did not really understand the value of the control settings other than 10 MHz of 10.0000 which is here on the counter portable
(very specific, nothing to touch)
audio frequency is defined as one listens to the ears of the frequency filter that is the best, (the one that spends the most QRO in the filter)
and a receiver control is the same
I think this is the offset for the friend contacted is not obliged to shift? it is not easy to fully understand what is explained to me,
so I simply put the same key to listen the same station that I listen at the same time on my Ten Tec using the VFO trimmer,
and the frequency displayed on the pfr3 is the same as the T. Tec, so I guess it's good?
To offset this problem a bit strange, because it depends on how often audio CW Om the other listens,
I prefer to listen to 600 Hz, this is not the same frequency for all ham radio.
Maybe I would have to review the settings after a QSO if the stations are shifted for me or if I have too often to RIT ... I prefer to wait a bit.
73
jean paul F6DDV

----- Original Message -----
From: Grant
To: pfr3_group@yahoogroups.com
Sent: Thursday, August 11, 2011 12:19 AM
Subject: [pfr3_group] BFO adjustment

Hi guys, last night, on VK4ZW's advice, I ran through the BFO adjustment again because he found his had changed since first being calibrated. I opened up my enclosure and followed the instructions on P11 of the manual and sure enough, the BFO tone and sidetone weren't in sync. I made the adjustment and saved the setting as instructed. Has anyone else noticed the same thing?

Regards
Grant VK4JAZ

2994. Re: [pfr3_group] BFO adjustment

Yahoo group: pfr3_group
Date: 2011-08-12 10:06:00 UTC
From: lahagar1@aol.com
Topic: 2992 Message: 2994

Hi JP,

Comme avec n'importe quel kit, si vous avez déjà une autre Transciever et une charge fictive que vous pouvez faire cette expérience vous-même pour voir si votre décalage est correct.

[As with any kit, if you already have another transciever and a dummy load you can do this experiment yourself to see if your offset is correct.]

73
Lynn
NG9D

-----Original Message-----
From: f6ddv <f6ddv@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, Aug 11, 2011 4:20 am
Subject: Re: [pfr3_group] BFO adjustment

Hello Grandt
And good morning to all
I did not notice of realignment since the start box, it is of course possible if the son, etc. are brought close after the completion of assembly,
or simply the presence of a greater mass of the case, the frequency is to adjust again, I do not seem impossible.
For the rest, I did not really understand the value of the control settings other than 10 MHz of 10.0000 which is here on the counter portable
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Maybe I would have to review the settings after a QSO if the stations are shifted for me or if I have too often to RIT ... I prefer to wait a bit.
73
jean paul F6DDV

----- Original Message -----
From: Grant

To: pfr3_group@yahoogroups.com
Sent: Thursday, August 11, 2011 12:19 AM
Subject: [pfr3_group] BFO adjustment

Hi guys, last night, on VK4ZW's advice, I ran through the BFO adjustment again because he found his had changed since first being calibrated. I opened up my enclosure and followed the instructions on P11 of the manual and sure enough, the BFO tone and sidetone weren't in sync. I made the adjustment and saved the setting as instructed. Has anyone else noticed the same thing?

Regards
Grant VK4JAZ

2995. Re: [pfr3_group] BFO adjustment

Yahoo group: pfr3_group
Date: 2011-08-12 10:46:09 UTC
From: f6ddv
Topic: 2992 Message: 2995

Hello Lynn
Yes, it is quite true
The kit provides explanations standard but we are free to do differently, of course, and construction is the same, if a ham radio thinks he can change something for his own peace or because it 's used to work in a different way, it is free of course.
As for me, I found it difficult to understand the method of adjustment, sometimes it was very simple and you just have to let the kit as it is and just adjust the frequency, the setting is inside the default is good.
There would be some improvement with photos in macro mode and a few other details in the text but I never come back the top, pfr3 works first time here by a few things not very difficult to repair with the aid of people on the list.
I put the story of my pfr3 in photos like some other ham radio, so the guys know we can build successfully in many ways and have a pfr3 that works well.
All 73s
jp F6DDV

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Friday, August 12, 2011 12:06 PM
Subject: Re: [pfr3_group] BFO adjustment

Hi JP,

Comme avec n'importe quel kit, si vous avez déjà une autre Transciever et une charge fictive que vous pouvez faire cette expérience vous-même pour voir si votre décalage est correct.

[As with any kit, if you already have another transciever and a dummy load you can do this experiment yourself to see if your offset is correct.]

73
Lynn
NG9D

-----Original Message-----
From: f6ddv <f6ddv@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, Aug 11, 2011 4:20 am
Subject: Re: [pfr3_group] BFO adjustment

Hello Grandt
And good morning to all
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jean paul F6DDV

----- Original Message -----
From: Grant
To: pfr3_group@yahoogroups.com
Sent: Thursday, August 11, 2011 12:19 AM
Subject: [pfr3_group] BFO adjustment

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Regards
Grant VK4JAZ

2996. Reverse paddle sense...a question...

Yahoo group: pfr3_group
Date: 2011-08-12 11:38:35 UTC
From: John Farmer
Topic: 2996 Message: 2996

Hi All,

I've been looking to build a PFR-3 for sometime and I'm poised to put one in the shopping cart, but I have a question:

I'm left-handed and use reverse paddle sense. On my other rigs, I can implement the reversal in firmware and on my Weber Dualbander, I simply rewired the paddle jack. Easy.

But in the PFR-3, paddle sense is not reversible in firmware and I can't see how I would do this mechanically, as the paddle jack looks to be a modular unit that solders directly into the PCB, so there are no wires I can simply swap around like I did on my WDB.

Anyone know an elegant work-around for this or do I have to bite the bullet and rewire my paddle cables for use with this rig?

And while I'm here, I'll ask another question - what is it that makes the resolved CW audio sound so great on these rigs? I've been comparing the audio, through headphones and speakers, of my Weber Dualbander and an Elecraft K1 and there's no comparison: the audio from the WDB is crisp, clear and very well articulated. It has a precise "punch" without being harsh. The signals just seem to pop out of the band noise and are so "clean" and defined compared with my other rigs in which the resolved audio is, by comparison, rather soft and "mushy" and floats against a generally higher level of band noise. I know this is subjective, but I'm amazed and over again I return to my little red WDB if I just want to listen around. I think the PFR-3 will be the same.

Thanks for any advice about the paddle sense,

73,
John
VK7JB

2997. RE: [pfr3_group] Reverse paddle sense...a question...

Yahoo group: pfr3_group
Date: 2011-08-12 13:12:58 UTC
From: Dale Putnam
Topic: 2996 Message: 2997

With a sharp hobby knife, one could do a bit of surgery on the board, and reroute the paddle. If you intend to use the paddle that has been made for the PFR-3, the wires for the paddle can be reversed, on the paddle. Or, you stand alone paddle could be wired to work out right,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: zendoc@...
Date: Fri, 12 Aug 2011 11:38:35 +0000
Subject: [pfr3_group] Reverse paddle sense...a question...

Hi All,

I've been looking to build a PFR-3 for sometime and I'm poised to put one in the shopping cart, but I have a question:

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Thanks for any advice about the paddle sense,

73,
John
VK7JB

2998. Re: [pfr3_group] Reverse paddle sense...a question...

Yahoo group: pfr3_group
Date: 2011-08-12 14:26:14 UTC
From: Steven Weber
Topic: 2996 Message: 2998

>
> But in the PFR-3, paddle sense is not reversible in firmware and I can't
> see how I would do this mechanically, as the paddle jack looks to be a
> modular unit that solders directly into the PCB, so there are no wires I
> can simply swap around like I did on my WDB.

There is a resistor in series with each paddle lead going to the processor and are located right next to each other. You can revese the paddle sense by "crossing" these resistors. The easiest way if the resistors are already in place would be to remove one and re-install it on the bottom of the board, so the two resistors don't have to lay on top of each other. Bascially, you will change the resistors to make an "X" instead of being mounted | | Makes sense, no?

> And while I'm here, I'll ask another question - what is it that makes the
> resolved CW audio sound so great on these rigs?

Two things. The use of the audio band pass filter and a lack of excessive audio gain. The audio filter in my rig designs eliminates most of the high frequency audio hiss and helps "peak" the CW note. The audio amp after the filter has modest gain, so what high freq noise which does get through does not get overly amplified. I know some of you with hearing loss think the audio is annimic, but for most of us it provides the best signal to noise ratio.

A rig like the K1 has way more audio gain then it really needs and no audio band pass filtering, so the signal to noise ratio suffers, making weak signals much harder to hear dispite all that audio gain.

Steve KD1JV

2999. Re: [pfr3_group] Reverse paddle sense...a question...

Yahoo group: pfr3_group
Date: 2011-08-12 18:10:15 UTC
From: Steve Smith
Topic: 2996 Message: 2999

A simple option would be to make a short paddle adaptor cable that swaps the dot and dash wires. With that it would not be necessary to modify any rig nor any paddle.

73.......Steve Smith WB6TNL

3000. Alignment question

Yahoo group: pfr3_group
Date: 2011-08-12 21:55:25 UTC
From: k6mgo@verizon.net
Topic: 3000 Message: 3000

I have a question about the alignment in Group 2 smoke test:

If you have done CAL.r, then locked it in by pressing Menu or Keyer (see both referred to for S1), and then turned off power. If you want to later go back and do CAL.o, you have to start over and go through CAL.r once again, if enter CAL.r, just press S1, without touching anything else, has the settings for CAL.r reverted back to default, or, stayed at the new settings you made the first time? In other words, do I have to readjust CAL.r every time I go into and out of it, or once set, does it stay set?

Thanks for any help.

73, Bill

3001. Re: Reverse paddle sense...a question...

Yahoo group: pfr3_group
Date: 2011-08-12 22:45:36 UTC
From: John Farmer
Topic: 2996 Message: 3001

Thanks everyone for the helpful ideas. I think I'll just cross over the resistors during the build, as Steve suggested. I didn't think about that as a possibility when I was pawing over the schematic. The adapter cable is a good idea too. Lots of options. Thanks all.

Thanks too, Steve, for explaining the design behind the excellent audio. I have youngish ears and excellent high frequency hearing, so I notice these differences between rigs very easily. Your tricks in the audio chain certainly work and render a clean, articulate audio with plenty of attack and outstanding S/N. It's one of the main reasons I'm buying a PFR-3 for backpacking, though if it's anything like your DualBander, it'll get a lot of use on the desk at home too. Thank you,

73,

John
VK7JB

3002. RE: [pfr3_group] Alignment question

Yahoo group: pfr3_group
Date: 2011-08-12 23:01:31 UTC
From: Dale Putnam
Topic: 3000 Message: 3002

HI Bill,
I've recalibrated a number of them, and each time, I've always done the Cal.r also. It always seems to change enough to need doing.
It seems easiest for me to calibrate against the 10M signal from WWV, although I don't hear it but some of the day.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Fri, 12 Aug 2011 21:55:25 +0000
Subject: [pfr3_group] Alignment question

I have a question about the alignment in Group 2 smoke test:

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Thanks for any help.

73, Bill

3003. Re: Alignment question

Yahoo group: pfr3_group
Date: 2011-08-13 01:18:34 UTC
From: k6mgo@verizon.net
Topic: 3000 Message: 3003

Thanks for the input, Dale. I used my K3 to align the DDS. I have the K3 within a couple of Hertz of being right on 10.000 Meg. Then I tried to use Spectrogram 16 to align CAL.r & CAL.o. I was able to use audio coupling between the PFR3 and my Netbook, via a speaker hooked to the PFR3. The BFO read 500 Hz and the Sidetone read 600 Hz and it was easy to adjust the BFO trimmer to be right on top of Sidetone signal.

Wasn't able to adjust the band pass centering yet though. When I get the band switches in and can go to 30meters, I can tune in WWV and see it on Spectrogram 16 then it should be easy to adjust.

Thanks for your help.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> HI Bill,
> I've recalibrated a number of them, and each time, I've always done the Cal.r also. It always seems to change enough to need doing.
> It seems easiest for me to calibrate against the 10M signal from WWV, although I don't hear it but some of the day.
> Have a great day,
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: k6mgo@...
> Date: Fri, 12 Aug 2011 21:55:25 +0000
> Subject: [pfr3_group] Alignment question
>
>
>
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>
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go into and out of it, or once set, does it stay set?
>
> Thanks for any help.
>
> 73, Bill
>

3004. Re: [pfr3_group] Alignment question

Yahoo group: pfr3_group
Date: 2011-08-13 23:30:19 UTC
From: Steven Weber
Topic: 3000 Message: 3004

You have to start all over. The default values are loaded when you enter the cal modes. This in case the data gets corupted, so you always start with known good data.

Steve

> If you have done CAL.r, then locked it in by pressing Menu or Keyer (see
> both referred to for S1), and then turned off power. If you want to later
> go back and do CAL.o, you have to start over and go through CAL.r once
> again, if enter CAL.r, just press S1, without touching anything else, has
> the settings for CAL.r reverted back to default, or, stayed at the new
> settings you made the first time? In other words, do I have to readjust
> CAL.r every time I go into and out of it, or once set, does it stay set?
>

3005. Re: Alignment question

Yahoo group: pfr3_group
Date: 2011-08-14 01:16:24 UTC
From: k6mgo@verizon.net
Topic: 3000 Message: 3005

Thanks for the reply and explanation, Steve. Using Spectrogram I am now able to do the Group 2 alignment in less than 5 minutes, so it's an easy matter to redo any time.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> You have to start all over. The default values are loaded when you enter the
> cal modes. This in case the data gets corupted, so you always start with
> known good data.
>
> Steve
>
>
>

3006. Re: Alignment question

Yahoo group: pfr3_group
Date: 2011-08-14 10:04:47 UTC
From: John Farmer
Topic: 3000 Message: 3006

Hi Bill,

How exactly do you connect the PFR-3 up to Spectrogram to do the alignment? Do you connect it via the audio output jack on the rig and IN via the mic/line in on your computer's soundcard? I see in the manual there's mention of tapping the product detector audio from one of the IC pins. How are you doing it with the PFR-3?

I've just ordered my PFR-3, so I'm having a look at the manual and this was one point in the alignment process that wasn't that clear to me.

Thanks for any info or alignment tips!

73,
John
VK7JB
--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> Thanks for the reply and explanation, Steve. Using Spectrogram I am now able to do the Group 2 alignment in less than 5 minutes, so it's an easy matter to redo any time.
>
> 73, Bill, k6mgo
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
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> > You have to start all over. The default values are loaded when you enter the
> > cal modes. This in case the data gets corupted, so you always start with
> > known good data.
> >
> > Steve
> >
> >
> >
>

3007. Power out low

Yahoo group: pfr3_group
Date: 2011-08-15 18:26:40 UTC
From: k6mgo@verizon.net
Topic: 3007 Message: 3007

Finished the build, and measure 5.0 watts out on 40m but only 3.6 watts on 30m and 2.4 watts out on 20m.

I see I wound L10 and L12 to take up at least 90% of core, so, can't see spreading out the coil anymore.

Anyone have any suggestions to boost the power on these two bands?

Thanks for any help,

73, Bill, k6mgo

3008. Re: [pfr3_group] Power out low

Yahoo group: pfr3_group
Date: 2011-08-15 20:31:18 UTC
From: ny6p01@gmail.com
Topic: 3007 Message: 3008

On Mon, Aug 15, 2011 at 06:26:40PM -0000, k6mgo@... wrote:
> Finished the build, and measure 5.0 watts out on 40m but only 3.6 watts on
> 30m and 2.4 watts out on 20m.
>
> I see I wound L10 and L12 to take up at least 90% of core, so, can't see spreading out
the coil anymore.
>
> Anyone have any suggestions to boost the power on these two bands?
>
> Thanks for any help,
>
> 73, Bill, k6mgo

from being a long time monitor of this list, I can tell you that this is
normal; output is always lower on the higher bands, and your figure is
within spec considering the accuracy of most wattmeters. I wouldn't worry
about it a few dB of power; with QRP it's all about the aerial, anyway.

73, Terry

3009. Re: [pfr3_group] Power out low

Yahoo group: pfr3_group
Date: 2011-08-15 21:01:04 UTC
From: f6ddv
Topic: 3007 Message: 3009
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Bill
For me that is able to go back to the turns up on L8 L10 L12
as below
73s
Jean paul F6DDV

----- Original Message -----
From: k6mgo@verizon.net
To: pfr3_group@yahoogroups.com
Sent: Monday, August 15, 2011 8:26 PM
Subject: [pfr3_group] Power out low

Finished the build, and measure 5.0 watts out on 40m but only 3.6 watts on 30m and 2.4 watts out on 20m.

I see I wound L10 and L12 to take up at least 90% of core, so, can't see spreading out the coil anymore.

Anyone have any suggestions to boost the power on these two bands?

Thanks for any help,

73, Bill, k6mgo

3010. Re: Power out low

Yahoo group: pfr3_group
Date: 2011-08-15 21:26:17 UTC
From: k6mgo@verizon.net
Topic: 3007 Message: 3010

Thank you, Jean Paul,

I just may have to do that, lets see what some of the other fellows suggest, first, though.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello Bill
> For me that is able to go back to the turns up on L8 L10 L12
> as below
> 73s
> Jean paul F6DDV
>

3011. Re: Power out low

Yahoo group: pfr3_group
Date: 2011-08-15 21:31:54 UTC
From: k6mgo@verizon.net
Topic: 3007 Message: 3011

Thanks Terry,

I should have said I was measuring the power out with a Elecraft Dummy load and RF probe and measuring the voltage with a Fluke 110 DVM. so, I feel my measurement is pretty accurate, not like I was using a SWR/Power meter.

So, do you still think I've got about as much power out as I'm going to get?

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, ny6p01@... wrote:
>
> On Mon, Aug 15, 2011 at 06:26:40PM -0000, k6mgo@... wrote:
> > Finished the build, and measure 5.0 watts out on 40m but only 3.6 watts on
> > 30m and 2.4 watts out on 20m.
> >
> > I see I wound L10 and L12 to take up at least 90% of core, so, can't see spreading out the coil anymore.
> >
> > Anyone have any suggestions to boost the power on these two bands?
> >
> > Thanks for any help,
> >
> > 73, Bill, k6mgo
>
> from being a long time monitor of this list, I can tell you that this is
> normal; output is always lower on the higher bands, and your figure is
> within spec considering the accuracy of most wattmeters. I wouldn't worry
> about it a few dB of power; with QRP it's all about the aerial, anyway.
>
> 73, Terry
>

3012. RE: [pfr3_group] Re: Power out low

Yahoo group: pfr3_group
Date: 2011-08-15 21:57:01 UTC
From: Dale Putnam
Topic: 3007 Message: 3012

Hi Bill,
With the initial power out that you have, it may turn out well that you adjust the bandpass filters now. I suspect that there are differences in the cores, that in specific and individual radios, will force one to either remove or add a turn to get to the specific power out desired. A drop off on 20 maybe noticed but you can certainly work through it, with adjustments of the toroids. Try squeezing or spreading first, that usually gets the power set up correct.
Congratulations on a successful build,
and have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Mon, 15 Aug 2011 21:31:54 +0000
Subject: [pfr3_group] Re: Power out low

Thanks Terry,

I should have said I was measuring the power out with a Elecraft Dummy load and RF probe and measuring the voltage with a Fluke 110 DVM. so, I feel my measurement is pretty accurate, not like I was using a SWR/Power meter.

So, do you still think I've got about as much power out as I'm going to get?

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, ny6p01@... wrote:
>
> On Mon, Aug 15, 2011 at 06:26:40PM -0000, k6mgo@... wrote:
> > Finished the build, and measure 5.0 watts out on 40m but only 3.6 watts on
> > 30m and 2.4 watts out on 20m.
> >
> > I see I wound L10 and L12 to take up at least 90% of core, so, can't see spreading out the coil anymore.
> >
> > Anyone have any suggestions to boost the power on these two bands?
> >
> > Thanks for any help,
> >
> > 73, Bill, k6mgo
>
> from being a long time monitor of this list, I can tell you that this is
> normal; output is always lower on the higher bands, and your figure is
> within spec considering the accuracy of most wattmeters. I wouldn't worry
> about it a few dB of power; with QRP it's all about the aerial, anyway.
>

> 73, Terry
>

3013. Re: Power out low

Yahoo group: pfr3_group
Date: 2011-08-15 22:24:57 UTC
From: k6mgo@verizon.net
Topic: 3007 Message: 3013

OK Dale,

I'm going to give it a try, as I can't spread out the turns anymore, on L10 and L11, I'm going to compress them a bit, and see where that takes me.

BTW, just made my first QSO on the PFR3 with our mutual friend Dale, K6PJV, up in Sacramento, from the Los Angeles area, using my indoor antenna in the garage rafters, on 40m.

--... ...-- TU, de k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Bill,
> With the initial power out that you have, it may turn out well that you adjust the bandpass filters now. I suspect that there are differences in the cores, that in specific and individual radios, will force one to either remove or add a turn to get to the specific power out desired. A drop off on 20 maybe noticed but you can certainly work through it, with adjustments of the toroids. Try squeezing or spreading first, that usually gets the power set up correct.
> Congratulations on a successful build,
> and have a great day,
>
> --... ...-- Dale - WC7S in Wy

3014. Re: Power out low

Yahoo group: pfr3_group
Date: 2011-08-15 22:30:49 UTC
From: Grant
Topic: 3007 Message: 3014

Hi Bill, I also had similar readings to you. I found that the tinning of the ends of L10 was not up to scratch so I removed the coil and rewound it. Then I found on 20m I was getting more than 5W out so I played with the coils of the right hand side of the board until I got 5W. The other bands required bunching of the coils until they occupied around half of the core. Now I get a shade under 5W out on 30 and 40 as well. That's about the width of the meter's indicator arm, so I am happy. And now it's easy to make contacts too. Real easy.

Good luck with the build; I'm sure you are going to love this rig. I haven't used my big rig at all since completing the PFR-3.

Grant VK4JAZ
--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> Thank you, Jean Paul,
>
> I just may have to do that, lets see what some of the other fellows suggest, first, though.
>
> 73, Bill, k6mgo
>
> --- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@> wrote:
> >
> > Hello Bill
> > For me that is able to go back to the turns up on L8 L10 L12
> > as below
> > 73s
> > Jean paul F6DDV
> >
>

3015. Re: Power out low

Yahoo group: pfr3_group
Date: 2011-08-15 22:54:36 UTC
From: k6mgo@verizon.net
Topic: 3007 Message: 3015

Very good Grant,

You remind me of a post I read, but can't find again, where someone said that he compressed the turns for the coils on the left side of the board, and spread them out on the right side, to increase the power out, or, just the opposite, can't remember just exactly now. And by the way, I'm assuming you refer to the right side while looking at the bottom of the board where the coils are mounted?

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
>
> Hi Bill, I also had similar readings to you. I found that the tinning of the ends of L10 was not up to scratch so I removed the coil and rewound it. Then I found on 20m I was getting more than 5W out so I played with the coils of the right hand side of the board until I got 5W. The other bands required bunching of the coils until they occupied around half of the core. Now I get a shade under 5W out on 30 and 40 as well. That's about the width of the meter's indicator arm, so I am happy. And now it's easy to make contacts too. Real easy.
>
> Good luck with the build; I'm sure you are going to love this rig. I haven't used my big rig at all since completing the PFR-3.
>
> Grant VK4JAZ

3016. Re: [pfr3_group] Re: Power out low

Yahoo group: pfr3_group
Date: 2011-08-16 08:51:41 UTC
From: f6ddv
Topic: 3007 Message: 3016

Hello Bill
Hello everyone
If you have a good look at the list, Steve KD1JV to talk about the possibility that the characteristics of the cores could be different, in fact, is the iron powder, and according to the manufacturers is possible, unfortunately there are copies ...
Steve knows what he's talking naturally.
I should have measured with the LC meter inductance as I finished the windings is the only way to know, I build more and more small measuring devices, because it is difficult to know what we if you do not speak the exact value of the inductance, I have other tori here because I make home made montages, the same references and T37-2 T37-6, I could measure and winding two, but I do not want to unsolder those in place on the pfr3, and then maybe Steve to the value of inductance which was originally planned, but we will not know if the cores that are in place are same.
it does not matter because we happen to have the right value and to obtain the normal power.
73S
Jean paul F6DDV

----- Original Message -----
From: k6mgo@verizon.net
To: pfr3_group@yahoogroups.com
Sent: Monday, August 15, 2011 11:26 PM
Subject: [pfr3_group] Re: Power out low

Thank you, Jean Paul,

I just may have to do that, lets see what some of the other fellows suggest, first, though.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello Bill
> For me that is able to go back to the turns up on L8 L10 L12
> as below
> 73s
> Jean paul F6DDV
>

3017. Missing Parts

Yahoo group: pfr3_group
Date: 2011-08-16 18:54:59 UTC
From: k6mgo@verizon.net
Topic: 1361 Message: 3017

On page 15 of the manual it states to install a "DPDT" Toggle switch. to the rear of the cabinet. This part is not listed on the Parts List, nor was it supplied with the Kit.

I emailed "sales@hendricks" but haven't heard anything yet, and don't know it anyone got the word.

I'm just about ready to put my PFR3 into the case and need the switch, ASAP.

Hope the right person reads this, and can send me the switch.

Also note that the manual calls out for the installation of two 470 ohm resistors, but, only one is listed on the Parts List, and one supplied with the kit.

Tks.

73, Bill, k6mgo

3018. Re: Power out low

Yahoo group: pfr3_group
Date: 2011-08-16 19:42:12 UTC
From: k6mgo@verizon.net
Topic: 3007 Message: 3018

Hello Jean Paul,

You are absolutely correct, about the Inductance varying from core to core.

I have now "fixed" my low power output on 30 meters, from 3.6 watts with 12V supply, to 4.9 watts. My 20 meter output is next to be fixed, I hope.:)

In case anyone is interested, I finished the kit with 5 watts on 40m, 3.6 watts on 30m and 2.4 watts on 20m. This was with a 12V, Gel Cell battery for power,and measured voltage across a 50 ohm, 20 watt dummy load with rectifier, by Elecraft, measured on a Fluke 110 DVM and calculated power output.

First, as suggested by others on this list, I tried spreading and squeezing the turns of the two coils, L10 and L11 (for 30m). The most effect seen was about half a volt across the dummy load. So, took one turn off of the coils, one at a time, and measured output. L10 didn't have much effect, but, L11 did, and now I'm right at desired power output on 30.

Am going to tackle 20 meters now.

73, JP and group

de Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello Bill
> Hello everyone
> If you have a good look at the list, Steve KD1JV to talk about the possibility that the characteristics of the cores could be different, in fact, is the iron powder, and according to the manufacturers is possible, unfortunately there are copies ...
> Steve knows what he's talking naturally.
> I should have measured with the LC meter inductance as I finished the windings is the only way to know, I build more and more small measuring devices, because it is difficult to know what we if you do not speak the exact value of the inductance, I have other tori here because I make home made montages, the same references and T37-2 T37-6, I could measure and winding two, but I do not want to unsolder those in place on the pfr3, and then maybe Steve to the value of inductance which was originally planned, but we will not know if the cores that are in place are same.
> it does not matter because we happen to have the right value and to obtain the normal power.
> 73S
> Jean paul F6DDV
>

3019. Re: [pfr3_group] Missing Parts

Yahoo group: pfr3_group
Date: 2011-08-16 21:24:44 UTC
From: Steve Ellington
Topic: 1361 Message: 3019

Mine did come with that DPDT switch but the decals were missing. Also...Is there supposed to be a battery holder as shown in the manual. Mine doesn't have one of those either. Several resistors were missing but I have gobs of extra capacitors. Fortunately I have plenty of resistors in the junk box!

n4lq
----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 16, 2011 2:54 PM
Subject: [pfr3_group] Missing Parts

On page 15 of the manual it states to install a "DPDT" Toggle switch. to the rear of the cabinet. This part is not listed on the Parts List, nor was it supplied with the Kit.

I emailed "sales@hendricks" but haven't heard anything yet, and don't know it anyone got the word.

I'm just about ready to put my PFR3 into the case and need the switch, ASAP.

Hope the right person reads this, and can send me the switch.

Also note that the manual calls out for the installation of two 470 ohm resistors, but, only one is listed on the Parts List, and one supplied with the kit.

Tks.

73, Bill, k6mgo

3020. RE: [pfr3_group] Missing Parts

Yahoo group: pfr3_group
Date: 2011-08-16 23:40:20 UTC
From: John McMichael
Topic: 1361 Message: 3020

A story too often heard here. For me, two kits missing parts on both. My father's day (in June) Tenna tuner became my birthday present in August. Little things like missing nuts, capacitors, resisters, etc. become big things when you are on the road and away from the junkbox.....No to mention the big things like chips that aren't programmed. No more for me. John, KO0D.

To: pfr3_group@yahoogroups.com
From: n4lq@...
Date: Tue, 16 Aug 2011 17:24:44 -0400
Subject: Re: [pfr3_group] Missing Parts

Mine did come with that DPDT switch but the decals were missing. Also...Is there supposed to be a battery holder as shown in the manual. Mine doesn't have one of those either. Several resistors were missing but I have gobs of extra capacitors. Fortunately I have plenty of resistors in the junk box!

n4lq

----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 16, 2011 2:54 PM
Subject: [pfr3_group] Missing Parts

On page 15 of the manual it states to install a "DPDT" Toggle switch. to the rear of the cabinet. This part is not listed on the Parts List, nor was it supplied with the Kit.

I emailed "sales@hendricks" but haven't heard anything yet, and don't know it anyone got the word.

I'm just about ready to put my PFR3 into the case and need the switch, ASAP.

Hope the right person reads this, and can send me the switch.

Also note that the manual calls out for the installation of two 470 ohm resistors, but, only one is listed on the Parts List, and one supplied with the kit.

Tks.

73, Bill, k6mgo

3021. Re: Missing Parts

Yahoo group: pfr3_group
Date: 2011-08-17 00:54:05 UTC
From: va3ied
Topic: 1361 Message: 3021

its too bad annoyances like this really take away from a great radio...I had oodles of extra everything parts on my kit...it was like the parts were shoveled in...still good value for money, however. I ran mine all week in algonquin in a variety of conditions and it performed great. I think he sourced out the parts counting/filling kits to kids!

s

--- In pfr3_group@yahoogroups.com, John McMichael <jbmcmichael@...> wrote:
>
>
> A story too often heard here. For me, two kits missing parts on both. My father's day (in June) Tenna tuner became my birthday present in August. Little things like missing nuts, capacitors, resisters, etc. become big things when you are on the road and away from the junkbox.....No to mention the big things like chips that aren't programmed. No more for me. John, KO0D.
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: n4lq@...
> Date: Tue, 16 Aug 2011 17:24:44 -0400
> Subject: Re: [pfr3_group] Missing Parts
>
>
>
>
>
>
>
>
> Mine did come with that DPDT switch but the decals were missing. Also...Is there supposed to be a battery holder as shown in the manual. Mine doesn't have one of those either.
> Several resistors were missing but I have gobs of extra capacitors. Fortunately I have plenty of resistors in the junk box!
>
> n4lq
>
> ----- Original Message -----
> From: k6mgo@...
> To: pfr3_group@yahoogroups.com
> Sent: Tuesday, August 16, 2011 2:54 PM
> Subject: [pfr3_group] Missing Parts
>
>
>

> On page 15 of the manual it states to install a "DPDT" Toggle switch. to the rear of the cabinet. This part is not listed on the Parts List, nor was it supplied with the Kit.
>
> I emailed "sales@hendricks" but haven't heard anything yet, and don't know it anyone got the word.
>
> I'm just about ready to put my PFR3 into the case and need the switch, ASAP.
>
> Hope the right person reads this, and can send me the switch.
>
> Also note that the manual calls out for the installation of two 470 ohm resistors, but, only one is listed on the Parts List, and one supplied with the kit.
>
> Tks.
>
> 73, Bill, k6mgo
>

3022. RE: [pfr3_group] Missing Parts

Yahoo group: pfr3_group
Date: 2011-08-17 01:02:11 UTC
From: Dale Putnam
Topic: 1361 Message: 3022

Hi John,
If it would help any John, I build for you, take care of all those little issues, you get a pro-finished radio, and no headaches.
No problem. And you get the coolest kit radios, just like you like 'em.
--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jbmcmichael@hotmail.com
Date: Tue, 16 Aug 2011 17:40:20 -0600
Subject: RE: [pfr3_group] Missing Parts

A story too often heard here. For me, two kits missing parts on both. My father's day (in June) Tenna tuner became my birthday present in August. Little things like missing nuts, capacitors, resisters, etc. become big things when you are on the road and away from the junkbox.....No to mention the big things like chips that aren't programmed. No more for me.
John, KO0D.

To: pfr3_group@yahoogroups.com
From: n4lq@carolina.rr.com
Date: Tue, 16 Aug 2011 17:24:44 -0400
Subject: Re: [pfr3_group] Missing Parts

Mine did come with that DPDT switch but the decals were missing. Also...Is there supposed to be a battery holder as shown in the manual. Mine doesn't have one of those either. Several resistors were missing but I have gobs of extra capacitors. Fortunately I have plenty of resistors in the junk box!

n4lq

----- Original Message -----
From: k6mgo@verizon.net
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 16, 2011 2:54 PM
Subject: [pfr3_group] Missing Parts

On page 15 of the manual it states to install a "DPDT" Toggle switch. to the rear of the cabinet. This part is not listed on the Parts List, nor was it supplied with the Kit.

I emailed "sales@hendricks" but haven't heard anything yet, and don't know it anyone got the word.

I'm just about ready to put my PFR3 into the case and need the switch, ASAP.

Hope the right person reads this, and can send me the switch.

Also note that the manual calls out for the installation of two 470 ohm resistors, but, only one is listed on the Parts List, and one supplied with the kit.

Tks.

73, Bill, k6mgo

3023. Question about Menu

Yahoo group: pfr3_group
Date: 2011-08-18 00:58:04 UTC
From: k6mgo@verizon.net
Topic: 3023 Message: 3023

When I click the Keyer/Menu sw, I get a "C 2.0" on the display. Is that normal to use 2.0 for 20 WPM? Because it is sending at 20 WPM, not 2.0 WPM.

Tnx for help.

73, Bill, k6mgo

3024. RE: [pfr3_group] Question about Menu

Yahoo group: pfr3_group
Date: 2011-08-18 01:06:46 UTC
From: N. A. Monllor
Topic: 3023 Message: 3024

And depending on which paddle you press the WPM will go up or down.

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of k6mgo@...
Sent: Wednesday, August 17, 2011 8:58 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Question about Menu

When I click the Keyer/Menu sw, I get a "C 2.0" on the display. Is that normal to use 2.0 for 20 WPM? Because it is sending at 20 WPM, not 2.0 WPM.

Tnx for help.

73, Bill, k6mgo

3025. RE: [pfr3_group] Question about Menu

Yahoo group: pfr3_group
Date: 2011-08-18 01:17:15 UTC
From: Dale Putnam
Topic: 3023 Message: 3025

Hi Ren,
Yep, that all sounds like it is supposed to.
Setting the speed, with the paddles, and the speed readout to start with, sure nuff.
You're good to go.
Sounds like you're making a giant leap ahead!!

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@tampabay.rr.com
Date: Wed, 17 Aug 2011 21:06:46 -0400
Subject: RE: [pfr3_group] Question about Menu

And depending on which paddle you press the WPM will go up or down.
Ren
KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of k6mgo@...
Sent: Wednesday, August 17, 2011 8:58 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Question about Menu

When I click the Keyer/Menu sw, I get a "C 2.0" on the display. Is that normal to use 2.0 for 20 WPM? Because it is sending at 20 WPM, not 2.0 WPM.

Tnx for help.

73, Bill, k6mgo

3026. Re: Question about Menu

Yahoo group: pfr3_group
Date: 2011-08-18 01:44:52 UTC
From: k6mgo@verizon.net
Topic: 3023 Message: 3026

Thanks Ren and Dale,

Yes, it's coming together nicely now, I have 4.9 watts on 40m and 3.3 watts on 30, (going to go back and add that turn I took off of L11, I think) and I got 4.7 watts out on 20m. So, pretty close to buttoning it up, still have the decals to put on, though.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Ren,
> Yep, that all sounds like it is supposed to.
> Setting the speed, with the paddles, and the speed readout to start with, sure nuff.
> You're good to go.
> Sounds like you're making a giant leap ahead!!
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: nmonllor@...
> Date: Wed, 17 Aug 2011 21:06:46 -0400
> Subject: RE: [pfr3_group] Question about Menu
>
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>
>
>
>
> And depending on which paddle you press the WPM will go up or down.
> Ren
> KG4BAS
>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of k6mgo@...
> Sent: Wednesday, August 17, 2011 8:58 PM
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Question about Menu
>

>
>
>
>
> When I click the Keyer/Menu sw, I get a "C 2.0" on the display. Is that normal to use 2.0 for 20 WPM? Because it is sending at 20 WPM, not 2.0 WPM.
>
> Tnx for help.
>
> 73, Bill, k6mgo
>

3027. RE: [pfr3_group] Question about Menu

Yahoo group: pfr3_group
Date: 2011-08-18 01:59:22 UTC
From: N. A. Monllor
Topic: 3023 Message: 3027

Hi there Dale,

Hope all is well by you. Things here are cruising right along. I tried making contact with W2S today (Woodstock Event) but the weather has just been so lousy that, I know the signal dropped off by the time it hit the end of my street.

I'll try to give you a call before the weeks out.

Be well,

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Wednesday, August 17, 2011 9:17 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Question about Menu

Hi Ren,
Yep, that all sounds like it is supposed to.
Setting the speed, with the paddles, and the speed readout to start with, sure nuff.
You're good to go.
Sounds like you're making a giant leap ahead!!

--... ...-- Dale - WC7S in Wy

_____

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Wed, 17 Aug 2011 21:06:46 -0400
Subject: RE: [pfr3_group] Question about Menu

And depending on which paddle you press the WPM will go up or down.

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of k6mgo@...
Sent: Wednesday, August 17, 2011 8:58 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Question about Menu

When I click the Keyer/Menu sw, I get a "C 2.0" on the display. Is that normal to use 2.0 for 20 WPM? Because it is sending at 20 WPM, not 2.0 WPM.

Tnx for help.

73, Bill, k6mgo

3028. RE: [pfr3_group] Re: Question about Menu

Yahoo group: pfr3_group
Date: 2011-08-18 02:01:32 UTC
From: N. A. Monllor
Topic: 3023 Message: 3028

Bill,

You're definitely on your way to absolute enjoyment. I hope you enjoy yours as much as I do mine. It pretty much has become my main rig.

Be well and enjoy,

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of k6mgo@...
Sent: Wednesday, August 17, 2011 9:45 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Question about Menu

Thanks Ren and Dale,

Yes, it's coming together nicely now, I have 4.9 watts on 40m and 3.3 watts on 30, (going to go back and add that turn I took off of L11, I think) and I got 4.7 watts out on 20m. So, pretty close to buttoning it up, still have the decals to put on, though.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Ren,
> Yep, that all sounds like it is supposed to.
> Setting the speed, with the paddles, and the speed readout to start with, sure nuff.
> You're good to go.
> Sounds like you're making a giant leap ahead!!
>
> --... ...-- Dale - WC7S in Wy
>
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>
> To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
> From: nmonllor@...
> Date: Wed, 17 Aug 2011 21:06:46 -0400
> Subject: RE: [pfr3_group] Question about Menu
>

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>
>
> And depending on which paddle you press the WPM will go up or down.
> Ren
> KG4BAS
>
>
>
> From: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
[mailto:pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>]
On Behalf Of k6mgo@...
> Sent: Wednesday, August 17, 2011 8:58 PM
> To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
> Subject: [pfr3_group] Question about Menu
>
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>
>
> When I click the Keyer/Menu sw, I get a "C 2.0" on the display. Is that
normal to use 2.0 for 20 WPM? Because it is sending at 20 WPM, not 2.0 WPM.
>
> Tnx for help.
>
> 73, Bill, k6mgo
>

3029. RE: [pfr3_group] Re: Question about Menu

Yahoo group: pfr3_group
Date: 2011-08-18 02:09:09 UTC
From: Dale Putnam
Topic: 3023 Message: 3029

HI Bill,
Just a thought, the way I put the decals on, is with the cover, not connected to anything - radio.
Then I transfer the decals, and after they are plumb dry, and smooth... exactly where I want them... although many times I find one needs to move a bit, and it can with a drop of water to soak it for a minute or two.. then reposition... then dry.
But then, I wanted something to make the decals a bit more permanent... and I found that two coats of ClearCoat, either satin or gloss.. will do that..
let each light coat dry nicely before adding the next... I usually stop after two or three coats... the decals will stay put now.
And it looks nice. Well, I think it does....
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nmonllor@...
Date: Wed, 17 Aug 2011 22:01:32 -0400
Subject: RE: [pfr3_group] Re: Question about Menu

Bill,
You’re definitely on your way to absolute enjoyment. I hope you enjoy yours as much as I do mine. It pretty much has become my main rig.
Be well and enjoy,
Ren
KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of k6mgo@...
Sent: Wednesday, August 17, 2011 9:45 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Question about Menu

Thanks Ren and Dale,

Yes, it's coming together nicely now, I have 4.9 watts on 40m and 3.3 watts on 30, (going to go back and add that turn I took off of L11, I think) and I got 4.7 watts out on 20m. So, pretty close to buttoning it up, still have the decals to put on, though.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Ren,
> Yep, that all sounds like it is supposed to.
> Setting the speed, with the paddles, and the speed readout to start with, sure nuff.

> You're good to go.
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> --... ...-- Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
> From: nmonllor@...
> Date: Wed, 17 Aug 2011 21:06:46 -0400
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> And depending on which paddle you press the WPM will go up or down.
> Ren
> KG4BAS
>
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> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of k6mgo@...
> Sent: Wednesday, August 17, 2011 8:58 PM
> To: pfr3_group@yahoogroups.com
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> When I click the Keyer/Menu sw, I get a "C 2.0" on the display. Is that normal to use 2.0 for 20 WPM? Because it is sending at 20 WPM, not 2.0 WPM.
>
> Tnx for help.
>
> 73, Bill, k6mgo
>

3030. Two Fine Foxii Fit to go!!

Yahoo group: pfr3_group
Date: 2011-08-18 13:05:42 UTC
From: Dale Putnam
Topic: 3030 Message: 3030

Two Fine FOXii are fit to go, all set and ready... hiding in the 20 acre woods, somewhere near 14.060.
We're halfway through the Summer Season, and all is well.. the game warden is happy, and the
hounds are at the ready....
So tonight, at 0100z 19 Aug, or 7pm MT, the hunting horn will sound, and the pelting will begin..
Have you been pelted? Are you in the running for TOP HOUND?
Or some are running with only the tip of their nose up....(qrpppp, that is, with 10 mw or so)

A fine pair of FOX, and my best wishes for a successful run and to each of the hounds a hearty
GOOD LUCK,

It's a Fine Day for a Fox Hunt!!

--... ...-- Dale - WC7S in Wy
http://www.qrpfoxhunt.org

3031. Re: [pfr3_group] Question about Menu

Yahoo group: pfr3_group
Date: 2011-08-18 14:33:16 UTC
From: Steven Weber
Topic: 3023 Message: 3031

> When I click the Keyer/Menu sw, I get a "C 2.0" on the display. Is that
> normal to use 2.0 for 20 WPM? Because it is sending at 20 WPM, not 2.0
> WPM.
>

The decimal point is turned on in the display driver routine. It would be a pain to turn it off when not needed, such as displaying the code speed, so it stays on. Therefore, 2.0 = 20 wpm.

3032. Question about voltage drop in AA cell holder

Yahoo group: pfr3_group
Date: 2011-08-18 22:20:32 UTC
From: k6mgo@verizon.net
Topic: 3032 Message: 3032

Has anyone measured the voltage drop across the AA cell holders, when transmitting?

73, Bill, k6mgo

3033. Re: Question about Menu

Yahoo group: pfr3_group
Date: 2011-08-18 22:32:01 UTC
From: Grant
Topic: 3023 Message: 3033

Hi Ren et al,

My PFR-3 has also pretty much become my main rig. Last night I was even heard by a station in Vermont, some 16,000km away. He have me a 449. I wasn't able to make contact as his sig turned out to be about 600hz down. Maybe next time ...

Grant VK4JAZ

--- In pfr3_group@...m, "N. A. Monllor" <nmonllor@...> wrote:
>
> Bill,
>
> You're definitely on your way to absolute enjoyment. I hope you enjoy yours
> as much as I do mine. It pretty much has become my main rig.
>
> Be well and enjoy,
>
> Ren
>
> KG4BAS
>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On
> Behalf Of k6mgo@...
> Sent: Wednesday, August 17, 2011 9:45 PM
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Question about Menu
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>
> Thanks Ren and Dale,
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> Yes, it's coming together nicely now, I have 4.9 watts on 40m and 3.3 watts
> on 30, (going to go back and add that turn I took off of L11, I think) and I
> got 4.7 watts out on 20m. So, pretty close to buttoning it up, still have
> the decals to put on, though.
>
> 73, Bill, k6mgo
>
> --- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> ,
> Dale Putnam <daleputnam@> wrote:
> >
> >

> > Hi Ren,
> > Yep, that all sounds like it is supposed to.
> > Setting the speed, with the paddles, and the speed readout to start with,
> sure nuff.
> > You're good to go.
> > Sounds like you're making a giant leap ahead!!
> >
> > --... ...-- Dale - WC7S in Wy
> >
> >
> >
> >
> > To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
> > From: nmonllor@
> > Date: Wed, 17 Aug 2011 21:06:46 -0400
> > Subject: RE: [pfr3_group] Question about Menu
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> > And depending on which paddle you press the WPM will go up or down.
> > Ren
> > KG4BAS
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> > From: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
> [mailto:pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>]
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> > Sent: Wednesday, August 17, 2011 8:58 PM
> > To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
> > Subject: [pfr3_group] Question about Menu
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> > When I click the Keyer/Menu sw, I get a "C 2.0" on the display. Is that
> normal to use 2.0 for 20 WPM? Because it is sending at 20 WPM, not 2.0 WPM.
> >
> > Tnx for help.
> >
> > 73, Bill, k6mgo
> >
>

3034. RE: [pfr3_group] Question about voltage drop in AA cell holder

Yahoo group: pfr3_group
Date: 2011-08-18 23:49:23 UTC
From: Dale Putnam
Topic: 3032 Message: 3034

Yes, I have... and depending on the quality of the connection at each spring it will be either less than a tenth of a volt.. up to 4 to 6 volts or even higher.... that condition, is garunteed to worsen, until you fix it. Soldering is very very delicate as the plastic melts quick, recrimping has been somewhat successful, and soldering a wire onto the spring half way out, running it down the middle of the spring, then over to the next connector, works somewhat too... Some are easy... and some are really easy.... to replace.
Have a great day, hope it isn't a bad deal for you,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Thu, 18 Aug 2011 22:20:32 +0000
Subject: [pfr3_group] Question about voltage drop in AA cell holder

Has anyone measured the voltage drop across the AA cell holders, when transmitting?

73, Bill, k6mgo

3035. Re: Question about voltage drop in AA cell holder

Yahoo group: pfr3_group
Date: 2011-08-19 01:05:15 UTC
From: k6mgo@verizon.net
Topic: 3032 Message: 3035

That's what I was afraid of. When I had my FT-817nd, I changed from AA's to an RC Car 9.6V 2000-2200 mAH Battery packs. They fit in the same space as the 8 cell AA's and had welded tabs so there was no drop across springs. And the best part was, they only cost about $17 for the pack.

I wonder what that .8 to several volts cost in power out from the PFR3?

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Yes, I have... and depending on the quality of the connection at each spring it will be either less than a tenth of a volt.. up to 4 to 6 volts or even higher.... that condition, is garunteed to worsen, until you fix it. Soldering is very very delicate as the plastic melts quick, recrimping has been somewhat successful, and soldering a wire onto the spring half way out, running it down the middle of the spring, then over to the next connector, works somewhat too... Some are easy... and some are really easy.... to replace.
> Have a great day, hope it isn't a bad deal for you,
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: k6mgo@...
> Date: Thu, 18 Aug 2011 22:20:32 +0000
> Subject: [pfr3_group] Question about voltage drop in AA cell holder
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>
> Has anyone measured the voltage drop across the AA cell holders, when transmitting?
>
> 73, Bill, k6mgo
>

3036. RE: [pfr3_group] Re: Question about voltage drop in AA cell holder

Yahoo group: pfr3_group
Date: 2011-08-19 01:10:38 UTC
From: Dale Putnam
Topic: 3032 Message: 3036

The voltage drop, if less than a volt total, won't hardly be noticable... but if it gets up to the 5 or 6 v range.. the radio gets really hungry and quits playing nice.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Fri, 19 Aug 2011 01:05:15 +0000
Subject: [pfr3_group] Re: Question about voltage drop in AA cell holder

That's what I was afraid of. When I had my FT-817nd, I changed from AA's to an RC Car 9.6V 2000-2200 mAH Battery packs. They fit in the same space as the 8 cell AA's and had welded tabs so there was no drop across springs. And the best part was, they only cost about $17 for the pack.

I wonder what that .8 to several volts cost in power out from the PFR3?

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Yes, I have... and depending on the quality of the connection at each spring it will be either less than a tenth of a volt.. up to 4 to 6 volts or even higher.... that condition, is garunteed to worsen, until you fix it. Soldering is very very delicate as the plastic melts quick, recrimping has been somewhat successful, and soldering a wire onto the spring half way out, running it down the middle of the spring, then over to the next connector, works somewhat too... Some are easy... and some are really easy.... to replace.
> Have a great day, hope it isn't a bad deal for you,
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> --... ...-- Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
> From: k6mgo@...
> Date: Thu, 18 Aug 2011 22:20:32 +0000
> Subject: [pfr3_group] Question about voltage drop in AA cell holder
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> Has anyone measured the voltage drop across the AA cell holders, when transmitting?

>
> 73, Bill, k6mgo
>

3037. Last of the PFR-3 BBW Paddles

Yahoo group: pfr3_group
Date: 2011-08-20 22:18:59 UTC
From: w5jhjerry
Topic: 3037 Message: 3037

Folks,
I have a few of the PFR-3 BBW paddles. When these have been sold, there will be no more. So, this is your last call. ;-) I will support the paddles for several more years. They have a lifetime warranty (my life)!
Jerry W5JH

3038. Re: [pfr3_group] Last of the PFR-3 BBW Paddles

Yahoo group: pfr3_group
Date: 2011-08-21 02:46:56 UTC
From: Bill
Topic: 3037 Message: 3038

How much are they ? Is this the paddle shown on the PFR3 manual ?

Thanks.

Bill - W4CUX

On 8/20/2011 6:18 PM, w5jhjerry wrote:
>
> Folks,
> I have a few of the PFR-3 BBW paddles. When these have been sold,
> there will be no more. So, this is your last call. ;-) I will support
> the paddles for several more years. They have a lifetime warranty (my
> life)!
> Jerry W5JH
>
>

3039. RE: [pfr3_group] Last of the PFR-3 BBW Paddles

Yahoo group: pfr3_group
Date: 2011-08-21 02:51:51 UTC
From: Jerry Haigwood
Topic: 3037 Message: 3039

Bill,

Go to <http://www.w5jh.net/BBW_PFR3.htm> and you can read about and see them. You can also order from the page.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Bill
Sent: Saturday, August 20, 2011 9:47 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Last of the PFR-3 BBW Paddles

How much are they ? Is this the paddle shown on the PFR3 manual ?

Thanks.

Bill - W4CUX

On 8/20/2011 6:18 PM, w5jhjerry wrote:

Folks,
I have a few of the PFR-3 BBW paddles. When these have been sold, there will be no more. So, this is your last call. ;-) I will support the paddles for several more years. They have a lifetime warranty (my life)!
Jerry W5JH

3040. Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-21 19:08:39 UTC
From: k6mgo@verizon.net
Topic: 3040 Message: 3040

Got a question about wiring the back panel.

As I was shorted the DPDT switch in my kit, which is used to switch the output either to the coax or binding posts , looking at the diagram on page 15 of the manual, which show the switch, but,contacts are not labeled, and it shows the jumper from the BNC going to the left end of the switch.
Also the picture of the original PFR3, pg. 16, shows the blue switch with the jumper going to the left side of the switch, from the BNC center.

I bought a DPDT at Radio Shack, and it looks exactly like the picture on pg. 16, blue, but, the arm of the switch, is the center pin and not the end pin.

On the schematic, it shows the jumper going from BNC center to the arm of SW 11.

So, can I assume that the schematic is correct and I should wire the jumper to the arm of the DPDT sw?

Thanks for any help.

73, Bill, k6mgo

3041. Re: [pfr3_group] Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-21 19:32:30 UTC
From: Steve Smith
Topic: 3040 Message: 3041

Functionally, either way will work.

One thing you do need to be aware of is that not all DPDT switches are not the same. Before you wire it, check the continuity of your switch to determine which contacts are connected depending upon the handle position.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "k6mgo@..." <k6mgo@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Back panel wiring
Date: Sun, 21 Aug 2011 19:08:39 -0000

Got a question about wiring the back panel.

As I was shorted the DPDT switch in my kit, which is used to switch the output either to the coax or binding posts , looking at the diagram on page 15 of the manual, which show the switch, but,contacts are not labeled, and it shows the jumper from the BNC going to the left end of the switch.
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On the schematic, it shows the jumper going from BNC center to the arm of SW 11.

So, can I assume that the schematic is correct and I should wire the jumper to the arm of the DPDT sw?

Thanks for any help.

73, Bill, k6mgo

3042. Re: [pfr3_group] Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-21 21:26:58 UTC
From: Steven Weber
Topic: 3040 Message: 3042

> I bought a DPDT at Radio Shack, and it looks exactly like the picture on
> pg. 16, blue, but, the arm of the switch, is the center pin and not the
> end pin.

The switch which should have come with the kit also has the common on the center pin. However, since this switch is used in a simple on/off configuration, jumpering the binding post to the center pin and the coax hot pin to the other switch contact makes for a shorter, neater, more direct physical connection.

3043. Re: [pfr3_group] Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-21 21:33:29 UTC
From: f6ddv
Topic: 3040 Message: 3043
Attachments: 1 described; binary payloads are missing from this source WARC

is what that helps somewhat?
can cut the 2 pin right
Oh, sorry, I put a Teflon coaxial cable that train ... for the BNC to the printed circuit board
but maybe it's more clear as to switch73s
jp F6DDV

----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 21, 2011 9:08 PM
Subject: [pfr3_group] Back panel wiring

Got a question about wiring the back panel.

As I was shorted the DPDT switch in my kit, which is used to switch the output either to the coax or binding posts , looking at the diagram on page 15 of the manual, which show the switch, but,contacts are not labeled, and it shows the jumper from the BNC going to the left end of the switch.
Also the picture of the original PFR3, pg. 16, shows the blue switch with the jumper going to the left side of the switch, from the BNC center.

I bought a DPDT at Radio Shack, and it looks exactly like the picture on pg. 16, blue, but, the arm of the switch, is the center pin and not the end pin.

On the schematic, it shows the jumper going from BNC center to the arm of SW 11.

So, can I assume that the schematic is correct and I should wire the jumper to the arm of the DPDT sw?

Thanks for any help.

73, Bill, k6mgo

3044. Re: [pfr3_group] Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-21 23:35:05 UTC
From: Steve Ellington
Topic: 3040 Message: 3044
Attachments: 1 described; binary payloads are missing from this source WARC

Nice work jp!
My red binding post came with deformed threads (very shallow). Of course the nuts would not tighten and I tried to rethread it but ended up using one from my junk box.
Removing the paint around the BNC is an obviously smart move. I don't think the manual mentioned that.

N4LQ

----- Original Message -----
From: f6ddv
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 21, 2011 5:33 PM
Subject: Re: [pfr3_group] Back panel wiring

is what that helps somewhat?
can cut the 2 pin right
Oh, sorry, I put a Teflon coaxial cable that train ... for the BNC to the printed circuit board
but maybe it's more clear as to switch73s
jp F6DDV

----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 21, 2011 9:08 PM
Subject: [pfr3_group] Back panel wiring

Got a question about wiring the back panel.

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On the schematic, it shows the jumper going from BNC center to the arm of SW 11.

So, can I assume that the schematic is correct and I should wire the jumper to the arm of the DPDT sw?

Thanks for any help.

73, Bill, k6mgo

3045. QRV FROM HC W PFR

Yahoo group: pfr3_group
Date: 2011-08-22 13:34:54 UTC
From: orangelite
Topic: 3045 Message: 3045

I will be on the air at 1400 z on 14.060 and later at aprox 0045z. I am in the remote village of Sarayacu in Amazon Ecuador. So far only 2 qsos: RW0a and w4qo. I will have my radio on every day at aprox 0000-0100 lookin for qrp. Thank goodness for my pelican case that keeps the cockroaches out of my gear.

72!

De HC7/K7HV.
JOHN EN SARAYACU, PASTAZA, ECUADORIAN AMAZON

3046. RE: [pfr3_group] QRV FROM HC W PFR

Yahoo group: pfr3_group
Date: 2011-08-22 13:39:34 UTC
From: Dale Putnam
Topic: 3045 Message: 3046

Note to self: DON'T MISS THIS ONE!!!!

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jparnell@...
Date: Mon, 22 Aug 2011 13:34:54 +0000
Subject: [pfr3_group] QRV FROM HC W PFR

I will be on the air at 1400 z on 14.060 and later at aprox 0045z. I am in the remote village of Sarayacu in Amazon Ecuador. So far only 2 qsos: RW0a and w4qo. I will have my radio on every day at aprox 0000-0100 lookin for qrp. Thank goodness for my pelican case that keeps the cockroaches out of my gear.

72!

De HC7/K7HV.
JOHN EN SARAYACU, PASTAZA, ECUADORIAN AMAZON

3047. Re: Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-21 21:53:51 UTC
From: k6mgo@verizon.net
Topic: 3040 Message: 3047

Thanks Steve, that's the way I finally wired it up, and now have it in the box, buttoned up and get the following power out into a 20 watt dummy load, and reading the voltage across it with a RF probe and DVM, on 40m 4.7 watts out with 12V Gel Cell, 5AH
30m 5.0 watts
20m 4.9 watts out.

using AA Energizer(till I get some NiMh packs) I get
40m 4.4 watts
30m 4.6 watts
20m 4.4 watts
The nice thing about the dry cells is they have 1.5V out vs. 1.2 from the NiMh cells.

Thanks for a nice project.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> > I bought a DPDT at Radio Shack, and it looks exactly like the picture on
> > pg. 16, blue, but, the arm of the switch, is the center pin and not the
> > end pin.
>
> The switch which should have come with the kit also has the common on the
> center pin. However, since this switch is used in a simple on/off
> configuration, jumpering the binding post to the center pin and the coax hot
> pin to the other switch contact makes for a shorter, neater, more direct
> physical connection.
>

3048. Re: Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-22 00:55:45 UTC
From: k6mgo@verizon.net
Topic: 3040 Message: 3048

My kit came with the same problem on the Red Binding Post, Steve, Doug must have a whole lot of bad ones. I also found a useable, although not matching spare in my junk box.

Also the nice thumb screws that he sent for the bottom cage, don't thread in. Too tight, maybe they are metric and not 4-40.

The DPDT switch was missing from my kit too.

But, got it working and all buttoned up, with full power out both on internal AA's (Energizer) and ext. 12V Gel Cell, so all in all I'm pretty happy.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steve Ellington" <n4lq@...> wrote:
>
> Nice work jp!
> My red binding post came with deformed threads (very shallow). Of course the nuts would not tighten and I tried to rethread it but ended up using one from my junk box.
> Removing the paint around the BNC is an obviously smart move. I don't think the manual mentioned that.
>
> N4LQ
>
>

3049. Re: [pfr3_group] Last of the PFR-3 BBW Paddles

Yahoo group: pfr3_group
Date: 2011-08-22 20:47:03 UTC
From: f6ddv
Topic: 3037 Message: 3049

Hello everyone
This paddle is beautiful and certainly also very strong.
but I liked the simplicity of the paddle that came with prf3 and lightness.
The supplier or the manufacturer of Doug would they agree to continue to build and sell ...
in kit form
I was very disappointed as I knew he would not be delivered.
I do not understand, it is always visible on the web site ...
73s
jean paul F6DDV

----- Original Message -----
From: Jerry Haigwood
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 21, 2011 4:51 AM
Subject: RE: [pfr3_group] Last of the PFR-3 BBW Paddles

Bill,

Go to <http://www.w5jh.net/BBW_PFR3.htm> and you can read about and see them. You can also order from the page.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Bill
Sent: Saturday, August 20, 2011 9:47 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Last of the PFR-3 BBW Paddles

How much are they ? Is this the paddle shown on the PFR3 manual ?

Thanks.

Bill - W4CUX

On 8/20/2011 6:18 PM, w5jhjerry wrote:

Folks,
I have a few of the PFR-3 BBW paddles. When these have been sold, there will be no more. So, this is your last call. ;-) I will support the paddles for several more years. They have a lifetime warranty (my life)!
Jerry W5JH

3050. Re: [pfr3_group] Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-22 21:53:12 UTC
From: f6ddv
Topic: 3040 Message: 3050

Hello
thank you
No, I am not better than the others, I'm just trying to make a clean and try to see if what I do can make something better.
One must always try to do his best to friends and present something beautiful, to make them want to do even better, because it is often possible.
It is not always the case, sometimes you do better and think they are wrong, and you have to recognize it and stay humble and listen to the advice
of people who know compétances.
I think I'm learning and I progress because I have made many mistakes and accept to remember and correct them, and also with the advice of other ham radio.
It's just so that I can learn, it's very simple.
A friend once told me, it is impossible to learn as we already know everything ... because then it no longer listens.
Just kidding, of course, but it's so true is not it?
soon
jp F6DDV

----- Original Message -----
From: Steve Ellington
To: pfr3_group@yahoogroups.com
Sent: Monday, August 22, 2011 1:35 AM
Subject: Re: [pfr3_group] Back panel wiring

Nice work jp!
My red binding post came with deformed threads (very shallow). Of course the nuts would not tighten and I tried to rethread it but ended up using one from my junk box.
Removing the paint around the BNC is an obviously smart move. I don't think the manual mentioned that.

N4LQ

3051. RE: [pfr3_group] QRV FROM HC W PFR

Yahoo group: pfr3_group
Date: 2011-08-22 22:52:06 UTC
From: Paul Feltz
Topic: 3045 Message: 3051

John:
I will be in Shell briefly Sept. 9th then in Makuma, Morina Santiago, Ecuador for about 7-10 days then back to Shell. Know all about those roaches! Perhaps we can connect. Not sure if will have rig with me. Report is no e-mail at Makuma. Point of contact can be MAF at Shell. Back in the states Sept. 28th.

Paul
WA0VDM
paulfeltz@...

To: pfr3_group@yahoogroups.com
From: jparnell@...
Date: Mon, 22 Aug 2011 13:34:54 +0000
Subject: [pfr3_group] QRV FROM HC W PFR

I will be on the air at 1400 z on 14.060 and later at aprox 0045z. I am in the remote village of Sarayacu in Amazon Ecuador. So far only 2 qsos: RW0a and w4qo. I will have my radio on every day at aprox 0000-0100 lookin for qrp. Thank goodness for my pelican case that keeps the cockroaches out of my gear.

72!

De HC7/K7HV.
JOHN EN SARAYACU, PASTAZA, ECUADORIAN AMAZON

3052. Re: [pfr3_group] Re: Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-23 03:02:33 UTC
From: Steve Ellington
Topic: 3040 Message: 3052

Batteries? Well I didn't get the battery case or the decals. I emailed Doug but I guess usps takes a while from ca.

73 Steve

----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 21, 2011 8:55 PM
Subject: [pfr3_group] Re: Back panel wiring

My kit came with the same problem on the Red Binding Post, Steve, Doug must have a whole lot of bad ones. I also found a useable, although not matching spare in my junk box.

Also the nice thumb screws that he sent for the bottom cage, don't thread in. Too tight, maybe they are metric and not 4-40.

The DPDT switch was missing from my kit too.

But, got it working and all buttoned up, with full power out both on internal AA's (Energizer) and ext. 12V Gel Cell, so all in all I'm pretty happy.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steve Ellington" <n4lq@...> wrote:
>
> Nice work jp!
> My red binding post came with deformed threads (very shallow). Of course the nuts would not tighten and I tried to rethread it but ended up using one from my junk box.
> Removing the paint around the BNC is an obviously smart move. I don't think the manual mentioned that.
>
> N4LQ
>
>

3053. [pfr3_group] 500-900 Hz Acoustic Resonance CW Speaker

Yahoo group: pfr3_group
Date: 2011-08-23 12:06:51 UTC
From: lahagar1@aol.com
Topic: 3040 Message: 3053

For fun I made a speaker enclosure from a 16 oz. plastic party cup. I calculated the acoustic resonance to be 730 Hz, and measured a damped response passband of about 500 to 900 Hz -- making it ideal for use as a CW speaker!

http://www.youtube.com/user/NG9D?feature=mhee#p/u/12/XN8FUr0m1Po

Of course this has nothing to do with our great PFR-3A, but the results were so good and the cost of the project so little, that I thought you guys might like it too.

73
Lynn
NG9D

3054. Re: [pfr3_group] 500-900 Hz Acoustic Resonance CW Speaker

Yahoo group: pfr3_group
Date: 2011-08-23 13:23:47 UTC
From: f6ddv
Topic: 3040 Message: 3054

Hello
Instead of doing a lot of holes in a box and put the speaker behind, try to make a slot the width of a hacksaw blade.
On a slightly less than the width of the speaker, the case must be closed! the slot is not easy to do, or else with a small disc special,
and that's a lot of dust, and attention to your eyes!
try listening to the speaker alone, or behind holes
and try with the speaker behind the slot ...
you have a LF filter with a huge increase in the power of the note on a frequency close to 600 Hz
73S
jean paul F6DDV

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 23, 2011 2:06 PM
Subject: [pfr3_group] 500-900 Hz Acoustic Resonance CW Speaker

For fun I made a speaker enclosure from a 16 oz. plastic party cup. I calculated the acoustic resonance to be 730 Hz, and measured a damped response passband of about 500 to 900 Hz -- making it ideal for use as a CW speaker!

http://www.youtube.com/user/NG9D?feature=mhee#p/u/12/XN8FUr0m1Po

Of course this has nothing to do with our great PFR-3A, but the results were so good and the cost of the project so little, that I thought you guys might like it too.

73
Lynn
NG9D

3055. Random ant

Yahoo group: pfr3_group
Date: 2011-08-23 16:07:33 UTC
From: k6mgo@verizon.net
Topic: 3055 Message: 3055

Seen some posts on various wires for indoor use, anyone got any recommdatons for a good length for all three bands, with counterpoise?

Tnx for any suggestions.

73, Bill, k6mgo

3056. RE: [pfr3_group] Random ant

Yahoo group: pfr3_group
Date: 2011-08-23 16:20:56 UTC
From: N. A. Monllor
Topic: 3055 Message: 3056

Hi Bill,

I use 34 feet of wire on a 20 foot, telescoping crappie pole, and 15 feet for the counterpoise. The wire is the same used for pet fences.

The radio tunes up on all three bands. I got the idea from Lynn NG9D.

Here's the link to the Youtube video:
http://www.youtube.com/watch?v=3kWvXJ_5XgE
<http://www.youtube.com/watch?v=3kWvXJ_5XgE&feature=related3>
&feature=related3

Hope this helps,

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of k6mgo@...
Sent: Tuesday, August 23, 2011 12:08 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Random ant

Seen some posts on various wires for indoor use, anyone got any recommdatons for a good length for all three bands, with counterpoise?

Tnx for any suggestions.

73, Bill, k6mgo

3057. Re: [pfr3_group] Re: Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-23 17:27:44 UTC
From: Steve Ellington
Topic: 3040 Message: 3057

I just tried my case thumb screws and they are also too tight. Are they all this way? Have you guys been rethreading the cases?
N4LQ

----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 21, 2011 8:55 PM
Subject: [pfr3_group] Re: Back panel wiring

My kit came with the same problem on the Red Binding Post, Steve, Doug must have a whole lot of bad ones. I also found a useable, although not matching spare in my junk box.

Also the nice thumb screws that he sent for the bottom cage, don't thread in. Too tight, maybe they are metric and not 4-40.

The DPDT switch was missing from my kit too.

But, got it working and all buttoned up, with full power out both on internal AA's (Energizer) and ext. 12V Gel Cell, so all in all I'm pretty happy.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steve Ellington" <n4lq@...> wrote:
>
> Nice work jp!
> My red binding post came with deformed threads (very shallow). Of course the nuts would not tighten and I tried to rethread it but ended up using one from my junk box.
> Removing the paint around the BNC is an obviously smart move. I don't think the manual mentioned that.
>
> N4LQ
>
>

3058. RE: [pfr3_group] Re: Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-23 17:31:14 UTC
From: Paul Feltz
Topic: 3040 Message: 3058

I think I remember spinning a 4-40 tap with my fingers through mine. But that was a few years ago on the non "A" PFR-3.

Paul
WA0VDM

To: pfr3_group@yahoogroups.com
From: n4lq@...
Date: Tue, 23 Aug 2011 13:27:44 -0400
Subject: Re: [pfr3_group] Re: Back panel wiring

I just tried my case thumb screws and they are also too tight. Are they all this way? Have you guys been rethreading the cases?
N4LQ

----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 21, 2011 8:55 PM
Subject: [pfr3_group] Re: Back panel wiring

My kit came with the same problem on the Red Binding Post, Steve, Doug must have a whole lot of bad ones. I also found a useable, although not matching spare in my junk box.

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73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steve Ellington" <n4lq@...> wrote:
>
> Nice work jp!
> My red binding post came with deformed threads (very shallow). Of course the nuts would not tighten and I tried to rethread it but ended up using one from my junk box.
> Removing the paint around the BNC is an obviously smart move. I don't think the manual mentioned that.
>
> N4LQ
>
>

3059. Random wire ant

Yahoo group: pfr3_group
Date: 2011-08-23 17:32:18 UTC
From: k6mgo@verizon.net
Topic: 3059 Message: 3059

Tnx Ren,

I have some wire cut to just that size that I was using with my FT-817 & MP1 so I'll give it try.

73, Bill, k6mgo

3060. Re: [pfr3_group] Re: Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-23 18:21:38 UTC
From: k0jem@arrl.net
Topic: 3040 Message: 3060

I had similar problem with one of the holes. I got a flathead screw with the same thread and just screwed it in and out of the hole several times with a screwdriver. That loosened the hole enough that the red thumbscrew would work. Joel, K0JEM
Sent on the Sprint® Now Network from my BlackBerry®

-----Original Message-----
From: "Steve Ellington" <n4lq@carolina.rr.com>
Date: Tue, 23 Aug 2011 13:27:44
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Back panel wiring

I just tried my case thumb screws and they are also too tight. Are they all this way? Have you guys been rethreading the cases?
N4LQ

----- Original Message -----
From: k6mgo@verizon.net
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 21, 2011 8:55 PM
Subject: [pfr3_group] Re: Back panel wiring

My kit came with the same problem on the Red Binding Post, Steve, Doug must have a whole lot of bad ones. I also found a useable, although not matching spare in my junk box.

Also the nice thumb screws that he sent for the bottom cage, don't thread in. Too tight, maybe they are metric and not 4-40.

The DPDT switch was missing from my kit too.

But, got it working and all buttoned up, with full power out both on internal AA's (Energizer) and ext. 12V Gel Cell, so all in all I'm pretty happy.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steve Ellington" <n4lq@...> wrote:
>
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> My red binding post came with deformed threads (very shallow). Of course the nuts would not tighten and I tried to rethread it but ended up using one from my junk box.
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>
> N4LQ
>
>

3061. Re: [pfr3_group] Re: Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-23 18:41:20 UTC
From: Steve Ellington
Topic: 3040 Message: 3061

I'll try the screw method. I also had to ream out the BNC hole with a rat tail file to get the connector to fit. Somehow some fillings shorted out the bs170s so I have them on order from Mouser.
N4LQ
----- Original Message -----
From: k0jem@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 23, 2011 2:21 PM
Subject: Re: [pfr3_group] Re: Back panel wiring

I had similar problem with one of the holes. I got a flathead screw with the same thread and just screwed it in and out of the hole several times with a screwdriver. That loosened the hole enough that the red thumbscrew would work. Joel, K0JEM

Sent on the Sprint® Now Network from my BlackBerry®

From: "Steve Ellington" <n4lq@...>
Date: Tue, 23 Aug 2011 13:27:44 -0400
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Back panel wiring

I just tried my case thumb screws and they are also too tight. Are they all this way? Have you guys been rethreading the cases?
N4LQ

----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 21, 2011 8:55 PM
Subject: [pfr3_group] Re: Back panel wiring

My kit came with the same problem on the Red Binding Post, Steve, Doug must have a whole lot of bad ones. I also found a useable, although not matching spare in my junk box.

Also the nice thumb screws that he sent for the bottom cage, don't thread in. Too tight, maybe they are metric and not 4-40.

The DPDT switch was missing from my kit too.

But, got it working and all buttoned up, with full power out both on internal AA's (Energizer) and ext. 12V Gel Cell, so all in all I'm pretty happy.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steve Ellington" <n4lq@...> wrote:
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> Nice work jp!
> My red binding post came with deformed threads (very shallow). Of course the nuts would not tighten and I tried to rethread it but ended up using one from my junk box.
> Removing the paint around the BNC is an obviously smart move. I don't think the manual mentioned that.
>
> N4LQ
>
>

3062. RE: [pfr3_group] Re: Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-23 19:37:32 UTC
From: Dale Putnam
Topic: 3040 Message: 3062

I've run a rethreader, down each one, for the same reason, there is one on the back of the case that is very poor, in a large number of cases.
But the good news is, they clean right up, no problem.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k0jem@...
Date: Tue, 23 Aug 2011 18:21:38 +0000
Subject: Re: [pfr3_group] Re: Back panel wiring

I had similar problem with one of the holes. I got a flathead screw with the same thread and just screwed it in and out of the hole several times with a screwdriver. That loosened the hole enough that the red thumbscrew would work. Joel, K0JEM
Sent on the Sprint® Now Network from my BlackBerry®

From: "Steve Ellington" <n4lq@...>
Date: Tue, 23 Aug 2011 13:27:44 -0400
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Back panel wiring

I just tried my case thumb screws and they are also too tight. Are they all this way? Have you guys been rethreading the cases?
N4LQ

----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 21, 2011 8:55 PM
Subject: [pfr3_group] Re: Back panel wiring

My kit came with the same problem on the Red Binding Post, Steve, Doug must have a whole lot of bad ones. I also found a useable, although not matching spare in my junk box.

Also the nice thumb screws that he sent for the bottom cage, don't thread in. Too tight, maybe they are metric and not 4-40.

The DPDT switch was missing from my kit too.

But, got it working and all buttoned up, with full power out both on internal AA's (Energizer) and ext. 12V Gel Cell, so all in all I'm pretty happy.

73, Bill, k6mgo

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>
> Nice work jp!

> My red binding post came with deformed threads (very shallow). Of course the nuts would not tighten and I tried to rethread it but ended up using one from my junk box.
> Removing the paint around the BNC is an obviously smart move. I don't think the manual mentioned that.
>
> N4LQ
>
>

3063. Re: [pfr3_group] Re: Back panel wiring

Yahoo group: pfr3_group
Date: 2011-08-23 19:39:44 UTC
From: f6ddv
Topic: 3040 Message: 3063

And here the plastic buttons that make the screw heads to close down the box of pfr3 have any "skipped" like fleas one by one ...
I'll put a few drops of glue and cyano and maybe I would not have to crawl in the grass to find them ... H. I.
I ask myself another question:
How the mass of the bottom of coffert is made?
not easy, can be a ground lug on the inside and a small braid to be on the basis of coffert is correct to the ground potential,
because when I put the ohm meter on it it was isolated ... and I do not want to scratch the paint on the outside and star washers
between the two is not very practical to put every time either.
Ah, that little thing below is inexpensive and it accepts and amplifies many accessories in the CW, free port here,
I am satisfied with the sound is very good and 1 W of power.
http://www.ebay.fr/itm/270793435283?ssPageName=STRK:MESINDXX:IT&_trksid=p3984.m1436.l2649

see you soon
jp F6DDV

From: Steve Ellington
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 23, 2011 7:27 PM
Subject: Re: [pfr3_group] Re: Back panel wiring

I just tried my case thumb screws and they are also too tight. Are they all this way? Have you guys been rethreading the cases?
N4LQ

----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 21, 2011 8:55 PM
Subject: [pfr3_group] Re: Back panel wiring

My kit came with the same problem on the Red Binding Post, Steve, Doug must have a whole lot of bad ones. I also found a useable, although not matching spare in my junk box.

Also the nice thumb screws that he sent for the bottom cage, don't thread in. Too tight, maybe they are metric and not 4-40.

The DPDT switch was missing from my kit too.

But, got it working and all buttoned up, with full power out both on internal AA's (Energizer) and ext. 12V Gel Cell, so all in all I'm pretty happy.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steve Ellington" <n4lq@...> wrote:
>
> Nice work jp!
> My red binding post came with deformed threads (very shallow). Of course the nuts would not tighten and I tried to rethread it but ended up using one from my junk box.
> Removing the paint around the BNC is an obviously smart move. I don't think the manual mentioned that.
>
> N4LQ
>
>

3064. Back Panel wiring

Yahoo group: pfr3_group
Date: 2011-08-23 20:26:49 UTC
From: k6mgo@verizon.net
Topic: 3064 Message: 3064

I'm confused, Joel, are you mixing up the Red Binding post with the thumb screws that attach the bottom case to the top case? Because mine are black plastic thumb screws, not red. And I ran the 4-40 screws into the nut plate and there was no problem, they went right in, so no paint,but the thumb screws wont go in as they must be different size, maybe metric.

Bill, k6mgo

Re: [pfr3_group] Re: Back panel wiring

I had similar problem with one of the holes. I got a flathead screw with the same thread and just screwed it in and out of the hole several times with a screwdriver. That loosened the hole enough that the red thumbscrew would work. Joel, K0JEM

Sent on the Sprint® Now Network from my BlackBerry®

3065. Re: [pfr3_group] Back Panel wiring

Yahoo group: pfr3_group
Date: 2011-08-23 20:52:31 UTC
From: k0jem@arrl.net
Topic: 3064 Message: 3065

My bad...I'm referring to the black thumb screws that fasten the case together. I got them confused with the red thumb screws on my Black Widow paddles from W5JH. On my PFR3A, I only had trouble with one of the four holes and used the technique I described earlier to open up that one hole. The other three worked just fine. K0JEM
Sent on the Sprint® Now Network from my BlackBerry®

-----Original Message-----
From: "k6mgo@verizon.net" <k6mgo@verizon.net>
Date: Tue, 23 Aug 2011 20:26:49
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Back Panel wiring

I'm confused, Joel, are you mixing up the Red Binding post with the thumb screws that attach the bottom case to the top case? Because mine are black plastic thumb screws, not red. And I ran the 4-40 screws into the nut plate and there was no problem, they went right in, so no paint,but the thumb screws wont go in as they must be different size, maybe metric.

Bill, k6mgo

Re: [pfr3_group] Re: Back panel wiring

I had similar problem with one of the holes. I got a flathead screw with the same thread and just screwed it in and out of the hole several times with a screwdriver. That loosened the hole enough that the red thumbscrew would work. Joel, K0JEM

Sent on the Sprint® Now Network from my BlackBerry®

3066. BLT problem?

Yahoo group: pfr3_group
Date: 2011-08-23 21:27:06 UTC
From: k6mgo@verizon.net
Topic: 3066 Message: 3066

I think I have a problem with the BLT tuner, but, it works in some cases, so am not sure, it's the tuner, or me.

First, I hooked up a doublet, 67' long, fed by 300 ohm TV lead-in to the binding posts. Toggle switch toward coax, coax/BLT to BLT and HiZ. on 40m it showed a complete darkening of SWR LED. But wouldn't darken at all on 30 and 20 meters. This same antenna worked just fine with my ZM-2 tuner and 100 watt Z match tuner from Internet to a FT-817nd and FT-857D.

Now, just tried a Random wire to red binding post, 33'5" long. 17' wire to black binding post. Toggle switch to binding posts. coax/BLT to BLT and both HiZ and LowZ. On 40m, was able to get complete Darkening of SWR LED. On 30 and 20 meters, not able to get slightest darkening, either HiZ or LowZ.

Note! the wires are spread out indoors, second level,approx 10' above ground.

Amy suggestions or help, appreciated.

73, Bill, k6mgo

3067. Re: [pfr3_group] BLT problem?

Yahoo group: pfr3_group
Date: 2011-08-23 22:08:11 UTC
From: Steven Weber
Topic: 3066 Message: 3067

67' dople feed with 300 ohm line isn't a good idea. Doesn't give you a good impedance to work with on any of the three bands. The ZM-2 might have enough range to match it, but I bet the losses are large.

You'd be better off shorting it to 44 feet and then you should be able to match it on all three bands.

Same with the so called random wire. 33 feet is 1/4 wave on 40 and 1/2 wave on 20, so you should be able to match it with low Z setting on 40. On 20, the feed impedance will be too high for the BLT to match. You need to lower it by making the wire either a bit longer or shorter. It will not be possible to match on 30.

For matching all three bands, avoid 1/4 or 1/2 wavelength for any of the bands. 51 feet seems to work pretty good for all three.

72, Steve KD1JV

>I think I have a problem with the BLT tuner, but, it works in some cases,
>so am not sure, it's the tuner, or me.
>
> First, I hooked up a doublet, 67' long, fed by 300 ohm TV lead-in to the
> binding posts. Toggle switch toward coax, coax/BLT to BLT and HiZ. on 40m
> it showed a complete darkening of SWR LED. But wouldn't darken at all on
> 30 and 20 meters. This same antenna worked just fine with my ZM-2 tuner
> and 100 watt Z match tuner from Internet to a FT-817nd and FT-857D.
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> Now, just tried a Random wire to red binding post, 33'5" long. 17' wire to
> black binding post. Toggle switch to binding posts. coax/BLT to BLT and
> both HiZ and LowZ. On 40m, was able to get complete Darkening of SWR LED.
> On 30 and 20 meters, not able to get slightest darkening, either HiZ or
> LowZ.
>
> Note! the wires are spread out indoors, second level,approx 10' above
> ground.
>

3068. RE: [pfr3_group] Back Panel wiring

Yahoo group: pfr3_group
Date: 2011-08-23 22:40:30 UTC
From: Dale Putnam
Topic: 3064 Message: 3068

Not to confuse folks, but I have black, red, and yellow caps for the screws for the BBW and the PFR-3, caps with screws, or caps for the screws you have.
Seems that postage and 40 cents would do it. And a first class postage makes it less than a buck.
Contact me off list.
Thanks,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k0jem@...
Date: Tue, 23 Aug 2011 20:52:31 +0000
Subject: Re: [pfr3_group] Back Panel wiring

My bad...I'm referring to the black thumb screws that fasten the case together. I got them confused with the red thumb screws on my Black Widow paddles from W5JH. On my PFR3A, I only had trouble with one of the four holes and used the technique I described earlier to open up that one hole. The other three worked just fine. K0JEM
Sent on the Sprint® Now Network from my BlackBerry®

From: "k6mgo@..." <k6mgo@...>
Date: Tue, 23 Aug 2011 20:26:49 -0000
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Back Panel wiring

I'm confused, Joel, are you mixing up the Red Binding post with the thumb screws that attach the bottom case to the top case? Because mine are black plastic thumb screws, not red. And I ran the 4-40 screws into the nut plate and there was no problem, they went right in, so no paint,but the thumb screws wont go in as they must be different size, maybe metric.

Bill, k6mgo

Re: [pfr3_group] Re: Back panel wiring

I had similar problem with one of the holes. I got a flathead screw with the same thread and just screwed it in and out of the hole several times with a screwdriver. That loosened the hole enough that the red thumbscrew would work. Joel, K0JEM

Sent on the Sprint® Now Network from my BlackBerry®

3069. Re: [pfr3_group] BLT problem?

Yahoo group: pfr3_group
Date: 2011-08-23 23:14:38 UTC
From: f6ddv
Topic: 3066 Message: 3069

Hello Bill
There are some of your explanation I understand very well.

First, the tuner BLT will not all work, I think to limit impedance that will not go up to 1000 ohm for example, I think it is fair support but is not a box full of understanding.
You must take your tests calmly considering what you have to give, you write that you have a doublet fed with 300 ohm, and you put the switch to coaxial,
already it will not work because it is immediately symmetrically to the bananas and tune out and look for the BLT Agreement.
If you come to a complete off the LED, your BLT works well, but there are no miracles, there are bands or it will be outside its scope impedance and it will add an impedance transformer or correct a little antenna, or change the output mode, it is possible that in this asymmetric works best with a ground wire in L or simply balanced by band.
Hi Z and Low Z also changes everything, one of them will go to the correct impedance, but not the other, I tried several bands, and I saw that for an antenna or a wire,
if you change band can not always be on the same output mode, AC works better with a wire to a tape counter and the other is no longer good at all we must try something else.
You can not compare the tuning circuits of a transceiver like the FT-817 with pfr3 I think, and besides, the 817 needs a box to agree, as you write,
then maybe the pfr3 also in some cases ... but it pfr3 a BLT to help ...
Have fun with your pfr3, I think it is completely normal.
73s
jean paul F6DDV

From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 23, 2011 11:27 PM
Subject: [pfr3_group] BLT problem?

I think I have a problem with the BLT tuner, but, it works in some cases, so am not sure, it's the tuner, or me.

First, I hooked up a doublet, 67' long, fed by 300 ohm TV lead-in to the binding posts. Toggle switch toward coax, coax/BLT to BLT and HiZ. on 40m it showed a complete darkening of SWR LED. But wouldn't darken at all on 30 and 20 meters. This same antenna worked just fine with my ZM-2 tuner and 100 watt Z match tuner from Internet to a FT-817nd and FT-857D.

Now, just tried a Random wire to red binding post, 33'5" long. 17' wire to black binding post. Toggle switch to binding posts. coax/BLT to BLT and both HiZ and LowZ. On 40m, was able to get complete Darkening of SWR LED. On 30 and 20 meters, not able to get slightest darkening, either HiZ or LowZ.

Note! the wires are spread out indoors, second level,approx 10' above ground.

Amy suggestions or help, appreciated.

73, Bill, k6mgo

3070. BLT Problem?

Yahoo group: pfr3_group
Date: 2011-08-24 01:08:00 UTC
From: k6mgo@verizon.net
Topic: 3070 Message: 3070

Thanks for the reply Steve, I just doubled back 6-7 ft. of the 33" + wire on itself, and tried again. This time 40m band SWR LED out completely on LowZ, 30m SWR LED did dim, but not go out on HiZ, and 20m couldn't get a match on HiZ or LowZ.

So, guess the wire doesn't like working indoors. I'll have to try it outdoors and make sure it working alright.

Think I'll use my MP1 Super Antenna for indoor, clamped to the desk here upstairs in the house. That worked FB on the FT-817 and FT-857.

73, Bill,k6mgo

Re: [pfr3_group] BLT problem?

67' dople feed with 300 ohm line isn't a good idea. Doesn't give you a good impedance to work with on any of the three bands. The ZM-2 might have enough range to match it, but I bet the losses are large.

You'd be better off shorting it to 44 feet and then you should be able to match it on all three bands.

Same with the so called random wire. 33 feet is 1/4 wave on 40 and 1/2 wave on 20, so you should be able to match it with low Z setting on 40. On 20, the feed impedance will be too high for the BLT to match. You need to lower it by making the wire either a bit longer or shorter. It will not be possible to match on 30.

For matching all three bands, avoid 1/4 or 1/2 wavelength for any of the bands. 51 feet seems to work pretty good for all three.

72, Steve KD1JV

3071. BLT Problem?

Yahoo group: pfr3_group
Date: 2011-08-24 01:33:33 UTC
From: k6mgo@verizon.net
Topic: 3070 Message: 3071

Hello Jean Paul,

Thanks for writing me about my problem.

I was just following instructions in the manual, page 20, that states "Note! The handle of the switch on the rear panel should be slanted towards the coax jack when using either a balanced line on the binding posts or just a coax feed antenna."

73, Bill, k6mgo

3072. Re: [pfr3_group] BLT Problem?

Yahoo group: pfr3_group
Date: 2011-08-24 10:49:54 UTC
From: f6ddv
Topic: 3070 Message: 3072

Hello Bill
Yes, the explanations give a bit of confusion in the mind at times, I agree ...
So you can imagine for me ... English ... on some things I caught a headache and went to bed hoping that it would be better the next day ... HI,
fortunately Steven proficient and some other friends told me of another more direct way for me because I was even about to implement the errata
that is on the site ... and date of some time (just an example for me)
The list is simply indispensable, otherwise the disaster.
As I am very strict in my movies it makes me sick just minutes from the time ... H.I H.I.
In fact it's very simple, it is the explanations are complicated for me ...
Very good exercise for the Frenchise ... H. I.
But this assembly is a jewel in its conceptual design, really very complete, many options as you look good, and it leaves the opportunity to ham radio
to mount to his idea, and there is room for work, we must recognize that for that price is good, I recommend this set to all the world like I have been advised
I could do another kit, there are many, but this one has some something special, it is a pure assembly ham radio at the same time mounting a very reliable
once you get the idea.
73s and soon all of F6DDV

From: k6mgo@...t
To: pfr3_group@yahoogroups.com
Sent: Wednesday, August 24, 2011 3:33 AM
Subject: [pfr3_group] BLT Problem?

Hello Jean Paul,

Thanks for writing me about my problem.

I was just following instructions in the manual, page 20, that states "Note! The handle of the switch on the rear panel should be slanted towards the coax jack when using either a balanced line on the binding posts or just a coax feed antenna."

73, Bill, k6mgo

3073. Re: BLT problem?

Yahoo group: pfr3_group
Date: 2011-08-25 15:49:59 UTC
From: ac0owinco
Topic: 3066 Message: 3073

Steve, Are you suggesting using a 51 foot long wire? Doesn't this present a pretty high impedance on 30M which as you indicate at half wave lengths would be hard if not impossible to match with the tuner? Could you clarify. Looking for a long wire (with or w/o counterpoise) to use on 20-30-40 meters.

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> 67' dople feed with 300 ohm line isn't a good idea. Doesn't give you a good
> impedance to work with on any of the three bands. The ZM-2 might have enough
> range to match it, but I bet the losses are large.
>
> You'd be better off shorting it to 44 feet and then you should be able to
> match it on all three bands.
>
> Same with the so called random wire. 33 feet is 1/4 wave on 40 and 1/2 wave
> on 20, so you should be able to match it with low Z setting on 40. On 20,
> the feed impedance will be too high for the BLT to match. You need to lower
> it by making the wire either a bit longer or shorter. It will not be
> possible to match on 30.
>
> For matching all three bands, avoid 1/4 or 1/2 wavelength for any of the
> bands. 51 feet seems to work pretty good for all three.
>
> 72, Steve KD1JV
>
>
>
> >I think I have a problem with the BLT tuner, but, it works in some cases,
> >so am not sure, it's the tuner, or me.
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> > First, I hooked up a doublet, 67' long, fed by 300 ohm TV lead-in to the
> > binding posts. Toggle switch toward coax, coax/BLT to BLT and HiZ. on 40m
> > it showed a complete darkening of SWR LED. But wouldn't darken at all on
> > 30 and 20 meters. This same antenna worked just fine with my ZM-2 tuner
> > and 100 watt Z match tuner from Internet to a FT-817nd and FT-857D.
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> > Now, just tried a Random wire to red binding post, 33'5" long. 17' wire to
> > black binding post. Toggle switch to binding posts. coax/BLT to BLT and
> > both HiZ and LowZ. On 40m, was able to get complete Darkening of SWR LED.
> > On 30 and 20 meters, not able to get slightest darkening, either HiZ or
> > LowZ.
> >
> > Note! the wires are spread out indoors, second level,approx 10' above
> > ground.
> >

>

3074. 51 foot end-fed wire antenna

Yahoo group: pfr3_group
Date: 2011-08-25 16:50:15 UTC
From: k6mgo@verizon.net
Topic: 3074 Message: 3074

For matching all three bands, avoid 1/4 or 1/2 wavelength for any of the bands. 51 feet seems to work pretty good for all three.

72, Steve KD1JV

Hi Steve,

Well, I built the 51' wire and with a 17' ground wire, went out on my skinny little patio and set up with a 31' Jackite Pole for support, at the front of the patio/lot.

The Jackite Pole is at the junction of the garage roof and portico roof, a low point of the two buildings, only single story high, and the 51' wire is loosely wound around it, coming down to just above the roof line, where it comes straight over to the rig, at an approx. 45 deg angle. The buildings (two story) really come close together with our house, at this point, and my neighbor on the left, only about 10' apart. The ground wire goes over to the left, and across the bushes behind me for the 17', approx. 2-3' above ground. (I sent this to your QRZ email address, with a picture showing the setup, but, it came back as undeliverable)

40m- it tuned up with LED completely out on HiZ, and almost out on LowZ

30m- couldn't get the LED to even dim, on either HiZ or LowZ

20m- LED almost went out on HiZ, was not the brightest, but never dimmed, with Tune control at max CW, and no change in brightness on LowZ.

So I'm thinking that there is nothing wrong with the PFR3, but more than likely the proximity of the two buildings, or maybe my setup.

Any suggestions?

Thanks for your help, I really appreciate it.

73, Bill, k6mgo

3075. Re: [pfr3_group] 51 foot end-fed wire antenna

Yahoo group: pfr3_group
Date: 2011-08-25 17:40:08 UTC
From: Steven Weber
Topic: 3074 Message: 3075

Err, okay. The 51 feet was actually for use with an L tuner with the wire streached out over a tree limb. Wrappng the wire around a jackite pole will change things a bit, even though it is loosely wound.

Finding a length that will work on all three bands might be difficult. 30M really should have it's own sperate wire length.

I would suggest trimming the wire back maybe a foot at a time to find a length which will match well on both 40 and 20 and hope it will do something on 30, unless someone else has found a magic wire length to use on all three bands...

Steve

> For matching all three bands, avoid 1/4 or 1/2 wavelength for any of the
> bands. 51 feet seems to work pretty good for all three.
>
> Hi Steve,
>
> Well, I built the 51' wire and with a 17' ground wire, went out on my
> skinny little patio and set up with a 31' Jackite Pole for support, at the
> front of the patio/lot.
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> The Jackite Pole is at the junction of the garage roof and portico roof, a
> low point of the two buildings, only single story high, and the 51' wire
> is loosely wound around it, coming down to just above the roof line, where
> it comes straight over to the rig, at an approx. 45 deg angle. The
> buildings (two story) really come close together with our house, at this
> point, and my neighbor on the left, only about 10' apart. The ground wire
> goes over to the left, and across the bushes behind me for the 17',
> approx. 2-3' above ground. (I sent this to your QRZ email address, with a
> picture showing the setup, but, it came back as undeliverable)
>
> 40m- it tuned up with LED completely out on HiZ, and almost out on LowZ
>
> 30m- couldn't get the LED to even dim, on either HiZ or LowZ
>
> 20m- LED almost went out on HiZ, was not the brightest, but never dimmed,
> with Tune control at max CW, and no change in brightness on LowZ.
>
> So I'm thinking that there is nothing wrong with the PFR3, but more than
> likely the proximity of the two buildings, or maybe my setup.
>

3076. End Fed Antenna Length Study Spreadsheet

Yahoo group: pfr3_group
Date: 2011-08-25 18:10:38 UTC
From: lawresh
Topic: 3076 Message: 3076

I just uploaded an Excel spreadsheet I worked up several years ago. (See End Fed Ant Study.xls in the files section) The spreadsheet is setup to calculate wire lengths on increments of 1/8 wave. The purpose is to help select an end-fed wire length that stays away from the 1/2 wave length points (or multiples thereof) on the bands of interest as these lengths will present a difficult-to-match high impedance.

The spreadsheet was inspired by an article written by G3CCB and published in "The Antenna File" a number of years ago. The author sought a wire length that did not fall on a 1/2 wave length point on several bands of interest and therefore was easier to match. The idea is to pick a length from the chart that does not fall on or close to any of the 1/2 wave length points for your selected bands.

The spreadsheet is setup for band centers, but is easily modified for your favorite band portions.

Enjoy!

73,
Steve
aa8af

3077. Re: [pfr3_group] End Fed Antenna Length Study Spreadsheet

Yahoo group: pfr3_group
Date: 2011-08-25 18:24:53 UTC
From: Jim Harris
Topic: 3076 Message: 3077

*Good afternoon, Steve.
*
*
*
Where can this spreadsheet be found on end feed antennas?
*
*
Thanks and best 72 & 73.
*
*
Jim.........
WA4NTM
*
*
*
*
*
*
*
*
On Thu, Aug 25, 2011 at 1:10 PM, lawresh <lawresh@...> wrote:

> **
>
>
> I just uploaded an Excel spreadsheet I worked up several years ago. (See
> *End Fed Ant Study.xls* in the files section) The spreadsheet is setup to
> calculate wire lengths on increments of 1/8 wave. The purpose is to help
> select an end-fed wire length that stays away from the 1/2 wave length
> points (or multiples thereof) on the bands of interest as these lengths will
> present a difficult-to-match high impedance.
>
> The spreadsheet was inspired by an article written by G3CCB and published
> in "The Antenna File" a number of years ago. The author sought a wire
> length that did not fall on a 1/2 wave length point on several bands of
> interest and therefore was easier to match. The idea is to pick a length
> from the chart that does not fall on or close to any of the 1/2 wave length
> points for your selected bands.
>
> The spreadsheet is setup for band centers, but is easily modified for your
> favorite band portions.
>
> Enjoy!
>
> 73,

> Steve
> aa8af
>
>
>

3078. Re: [pfr3_group] End Fed Antenna Length Study Spreadsheet

Yahoo group: pfr3_group
Date: 2011-08-25 19:16:27 UTC
From: Steve
Topic: 3076 Message: 3078

Hi Jim,
It's posted to the FILES section of the PFR3_Group on Yahoo and should be there for download. Title is "End Fed Ant Study.xls"

73,
Steve
aa8af

On 8/25/2011 2:24 PM, Jim Harris wrote:

Good afternoon, Steve.

Where can this spreadsheet be found on end feed antennas?

Thanks and best 72 & 73.

Jim.....
WA4NTM

On Thu, Aug 25, 2011 at 1:10 PM, lawresh <lawresh@...<mailto:lawresh@...>> wrote:

I just uploaded an Excel spreadsheet I worked up several years ago. (See End Fed Ant Study.xls in the files section) The spreadsheet is setup to calculate wire lengths on increments of 1/8 wave. The purpose is to help select an end-fed wire length that stays away from the 1/2 wave length points (or multiples thereof) on the bands of interest as these lengths will present a difficult-to-match high impedance.

The spreadsheet was inspired by an article written by G3CCB and published in "The Antenna File" a number of years ago. The author sought a wire length that did not fall on a 1/2 wave length point on several bands of interest and therefore was easier to match. The idea is to pick a length from the chart that does not fall on or close to any of the 1/2 wave length points for your selected bands.

The spreadsheet is setup for band centers, but is easily modified for your favorite band portions.

Enjoy!

73,
Steve
aa8af

_____
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If you received this email in error, please notify the sender immediately and delete this email from your system. We do not guarantee that this email is free from viruses or any other defects although due care has been taken to minimize the risk.

3079. Re: [pfr3_group] Re: BLT problem?

Yahoo group: pfr3_group
Date: 2011-08-25 20:13:37 UTC
From: f6ddv
Topic: 3066 Message: 3079

Hello
for long wire we hear about 85 feet, 43 feet, 21 feet
the ground wire is often better stretched "L" above the ground rather than on the floor
I tried the wire along with the balanced outputs from two leaving son in "V" of 21 feet or 13 feet at an angle of 45 degrees or more to trees,
it works well sometimes and even from the output BNC unbalanced .
often a ferrite core transformer with primary in coaxial cable and 2 son in output, 1 / 9 helps a bit to give better long wire,
I tested this, you may have to try.
http://lpistor.chez-alice.fr/antennes2.htm#g5ij
73s
jp F6DDV

----- Original Message -----
From: ac0owinco
To: pfr3_group@yahoogroups.com
Sent: Thursday, August 25, 2011 5:49 PM
Subject: [pfr3_group] Re: BLT problem?

Steve, Are you suggesting using a 51 foot long wire? Doesn't this present a pretty high impedance on 30M which as you indicate at half wave lengths would be hard if not impossible to match with the tuner? Could you clarify. Looking for a long wire (with or w/o counterpoise) to use on 20-30-40 meters.

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> 67' dople feed with 300 ohm line isn't a good idea. Doesn't give you a good
> impedance to work with on any of the three bands. The ZM-2 might have enough
> range to match it, but I bet the losses are large.
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> You'd be better off shorting it to 44 feet and then you should be able to
> match it on all three bands.
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> Same with the so called random wire. 33 feet is 1/4 wave on 40 and 1/2 wave
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> it by making the wire either a bit longer or shorter. It will not be
> possible to match on 30.
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> bands. 51 feet seems to work pretty good for all three.
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> 72, Steve KD1JV
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>
>

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> > Now, just tried a Random wire to red binding post, 33'5" long. 17' wire to
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> > On 30 and 20 meters, not able to get slightest darkening, either HiZ or
> > LowZ.
> >
> > Note! the wires are spread out indoors, second level,approx 10' above
> > ground.
> >
>

3080. Using BLT with coax antenna

Yahoo group: pfr3_group
Date: 2011-08-26 00:54:42 UTC
From: k6mgo@verizon.net
Topic: 3080 Message: 3080

I am trying to understand the use of the BLT in the various positions and purposes That it was designed for.

Just setup a Super Antenna MP-1 with a single elevated radial, marked off for 40, 30 and 20 meters.

Tuning the MP-1, (similar to the Buddistick) I can get resonance on say, 7.030, of min. SWR of 2.6 to 1.0, as measured on my Autek RF-1 Analyzer. According to the manual, page 19 it says, "the S8 is used to switch between a direct coax connection to the BNC jack or the BLT . The Coax position is of course used if you are using a resonate, coax feed antenna or an external tuner. The BLT position is used when the built-in tuner is desired and is normally used with ladder line feed antennas, but, can be also be used for end feed antennas or possibly matching coax feed antennas which need a little tweaking."

So, lets say I want to get my SWR down to 1.4 or so, so I want to "tweak".

So, this is what I've come up with for switch positions to do this, please tell me if I'm wrong.

S11 Toggle to Coax
S8 BLT/Coax to BLT
S9 LowZ/HiZ what ever works
S7 must be in Tune position to see dimming of LED.

With setup as above, I tune Load Slowly, for dim of SWR LED in both HiZ and LowZ. Never see the slightest dimming.

Also try same procedure with Tune control and same results, nothing.

Do I understand this correctly, and am I doing it correctly?

Thanks for any enlightenment on this procedure,

73, Bill, k6mgo

3081. Re: [pfr3_group] Using BLT with coax antenna

Yahoo group: pfr3_group
Date: 2011-08-26 01:32:45 UTC
From: Steven Weber
Topic: 3080 Message: 3081

The BLT/COAX switch on the TOP of the case needs to be in the BLT position. The Toggle switch on the REAR of the box must be switched to connect the bananna jacks over to the Coax jack. If wired as shown in the manual, that should be with the handle tilted towards the bananna jacks.

Since your coax feed and already down to 2.6 : 1, use the low impedance setting. Tuning will be VERY sharp with Tune and Load very interactive. Peak Tune for best Rx noise or signal, then try to get a dimming with Peak. If not, tweak Tune a little and try again. Keep working back and forth until something happens. It can take a while to find the sweet spots.

Steve KD1JV

> So, this is what I've come up with for switch positions to do this, please
> tell me if I'm wrong.
>
> S11 Toggle to Coax
> S8 BLT/Coax to BLT
> S9 LowZ/HiZ what ever works
> S7 must be in Tune position to see dimming of LED.
>
> With setup as above, I tune Load Slowly, for dim of SWR LED in both HiZ
> and LowZ. Never see the slightest dimming.
>

3082. Re: [pfr3_group] antennas and feeders

Yahoo group: pfr3_group
Date: 2011-08-26 03:40:08 UTC
From: lahagar1@aol.com
Topic: 3074 Message: 3082

I found a 34 ft wire vert with 15 ft counterpoise tunes on 3 bands. CP connected to ground terminal, ANT wire connected to ANT terminal, antenna switch pointing at them (not the coax), tuner turned on (BLT) and impedance set to Hi-Z on all three bands. This is demonstrated on 40 and 20 here: http://www.youtube.com/user/NG9D?feature=mhee#p/u/5/3kWvXJ_5XgE (This set-up would also tune in Lo-Z on 30 and 40 but was a bit more touchy.) I like the 34 ft size since it is fairly easy to get it postitioned vertically or nearly so. As a full quarter wave on 40m it is good, on 30m, also nice antenna. And on 20m as an EFHW it is a superb low angle radiator.

Anyway, what I have not tried yet wtih the PFR3 is is an end fed antenna without the counterpoise. I think this might even be a bit more efficient and convenient. I willl try that before winter! I have done this with the IC703 and MFJ L-tuner wtihout counterpoise seemed to work pretty well even when in a compromised position: http://www.youtube.com/user/NG9D?feature=mhee#p/u/48/JD-DjQuL7bk

With a doublet, I used a 50' fed with 50' of homebrew parallel wire feed (probably about 100 -120 ohms) also connected to balanced line terminal posts. This antenna tunes on 40/30/20m also in the Hi-Z position on all three bands as shown: http://www.youtube.com/user/NG9D?feature=mhee#p/u/6/qaUN9m2u1pQ This antenna is made with two 75' pc of insulated wire, taped together with plastic tape at the center and at 2 ft inervals to make the feed line. No soldering and light enough to be held with small diameter PVC tube. (Actually I think 50 feet of feeder is a bit excessive for a portable antenna, you can see in this set up all that extra feedline was strung back and forth on the deck railing.)

Here is another example of the 50 ft doublet antenna , on 40m with the 100 ohm narrow-spaced HB feeder wire stretched out a bit more, still tuning in the Hi-Z position: http://www.youtube.com/user/NG9D?feature=mhee#p/u/4/7F8SUjiI5Zw In the second installation, the feed line plus the two antenna elements actually form the three guys that keep the support tube upright.

I have had no probems with the PFR3A tuner -- great design by Steve.

73 de NG9D
Lynn

-----Original Message-----
From: k6mgo@... <k6mgo@...>
To: pfr3_group@yahoogroups.com
Sent: Thu, Aug 25, 2011 11:50 am
Subject: [pfr3_group] 51 foot end-fed wire antenna

For matching all three bands, avoid 1/4 or 1/2 wavelength for any of the
bands. 51 feet seems to work pretty good for all three.

72, Steve KD1JV

Hi Steve,

Well, I built the 51' wire and with a 17' ground wire, went out on my skinny little patio and set up with a 31' Jackite Pole for support, at the front of the patio/lot.

The Jackite Pole is at the junction of the garage roof and portico roof, a low point of the two buildings, only single story high, and the 51' wire is loosely wound around it, coming down to just above the roof line, where it comes straight over to the rig, at an approx. 45 deg angle. The buildings (two story) really come close together with our house, at this point, and my neighbor on the left, only about 10' apart. The ground wire goes over to the left, and across the bushes behind me for the 17', approx. 2-3' above ground. (I sent this to your QRZ email address, with a picture showing the setup, but, it came back as undeliverable)

40m- it tuned up with LED completely out on HiZ, and almost out on LowZ

30m- couldn't get the LED to even dim, on either HiZ or LowZ

20m- LED almost went out on HiZ, was not the brightest, but never dimmed, with Tune control at max CW, and no change in brightness on LowZ.

So I'm thinking that there is nothing wrong with the PFR3, but more than likely the proximity of the two buildings, or maybe my setup.

Any suggestions?

Thanks for your help, I really appreciate it.

73, Bill, k6mgo

3083. Re: [pfr3_group] Re: Question about voltage drop in AA cell holder

Yahoo group: pfr3_group
Date: 2011-08-26 18:42:33 UTC
From: Lee Mairs (SAG)
Topic: 3032 Message: 3083

Hi Dale -
UPS tells me that your got my PFR3 kit this morning. Did it arrive in good shape?
73 de Lee
KM4YY

3084. RE: [pfr3_group] Re: Question about voltage drop in AA cell holder

Yahoo group: pfr3_group
Date: 2011-08-26 20:39:22 UTC
From: Dale Putnam
Topic: 3032 Message: 3084

amazing, I just got on to let you know it is here, in fine shape.
Do you mind if I put a couple coats of Clear Coat on the case?
That would protect the labels nicely.

--... ...-- Dale - WC7S in Wy

> To: pfr3_group@yahoogroups.com
> From: lmairs@...
> Date: Fri, 26 Aug 2011 14:42:33 -0400
> Subject: Re: [pfr3_group] Re: Question about voltage drop in AA cell holder
>
> Hi Dale -
> UPS tells me that your got my PFR3 kit this morning. Did it arrive in good
> shape?
> 73 de Lee
> KM4YY
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

3085. Re: [pfr3_group] Re: Question about voltage drop in AA cell holder

Yahoo group: pfr3_group
Date: 2011-08-26 21:41:13 UTC
From: Lee Mairs (SAG)
Topic: 3032 Message: 3085

Hi Dale -
Your driving that there train! Do what ever you feel is best.

UPS provides a great service.

73 de Lee
KM4YY

On 8/26/2011 4:39 PM, Dale Putnam wrote:
>
>
> amazing, I just got on to let you know it is here, in fine shape.
> Do you mind if I put a couple coats of Clear Coat on the case?
> That would protect the labels nicely.
>
> --... ...-- Dale - WC7S in Wy
>
> > To: pfr3_group@yahoogroups.com
> > From: lmairs@...
> > Date: Fri, 26 Aug 2011 14:42:33 -0400
> > Subject: Re: [pfr3_group] Re: Question about voltage drop in AA cell holder
> >
> > Hi Dale -
> > UPS tells me that your got my PFR3 kit this morning. Did it arrive in good
> > shape?
> > 73 de Lee
> > KM4YY
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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>

3086. RE: [pfr3_group] Re: Question about voltage drop in AA cell holder

Yahoo group: pfr3_group
Date: 2011-08-26 22:34:01 UTC
From: Dale Putnam
Topic: 3032 Message: 3086

Yes they do, UPS is fine stuff. Ok, I'll be back in touch when I get it on the bench, after the clear coat paint goes on.
The battery holder inside has an issue also, but I'll work on that. Some of the early ones can be corrected. If not, then
I'll get a different one.
C U soon,
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: lmairs@...
Date: Fri, 26 Aug 2011 17:41:13 -0400
Subject: Re: [pfr3_group] Re: Question about voltage drop in AA cell holder

Hi Dale -
Your driving that there train! Do what ever you feel is best.

UPS provides a great service.

73 de Lee
KM4YY

On 8/26/2011 4:39 PM, Dale Putnam wrote:

amazing, I just got on to let you know it is here, in fine shape.
Do you mind if I put a couple coats of Clear Coat on the case?
That would protect the labels nicely.

--... ...-- Dale - WC7S in Wy

> To: pfr3_group@yahoogroups.com
> From: lmairs@...
> Date: Fri, 26 Aug 2011 14:42:33 -0400
> Subject: Re: [pfr3_group] Re: Question about voltage drop in AA cell holder
>
> Hi Dale -
> UPS tells me that your got my PFR3 kit this morning. Did it arrive in good
> shape?
> 73 de Lee
> KM4YY
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
>

3087. Tri-Band Longwires for 20, 30 & 40

Yahoo group: pfr3_group
Date: 2011-08-27 00:06:23 UTC
From: ac0owinco
Topic: 3087 Message: 3087

I have found a length of long wire which will work on all three bands and get a match using the PFR-3. 25 feet seems to work. Any longer and 20m will not match. Any shorter and 40m starts to look like too hard. And even if you can match, the antenna may not perform well on 40. Antenna worked well on 20 & 30 (made contacts with gud signal reports (579). Haven't worked anyone on 40, yet. But will. OBTW, the antenna was only 10 feet off the ground!! Sure to do better in a tree.

3088. Re: [pfr3_group] Tri-Band Longwires for 20, 30 & 40

Yahoo group: pfr3_group
Date: 2011-08-27 10:40:44 UTC
From: f6ddv
Topic: 3087 Message: 3088

Hello all

I feel very different lengths with different results are found in ham radio, and in me too.
Maybe it's the counterweight that is different or ground also different.
I just built one self to put in series with the ground wire + a capacitor in parallel to the output, I added a 12-position rotary switch.
The ferrite core is like a FT125 recovery, I put 30 rounds spaced 3 mm 1.4 mm wire, the switch is a 12-position,
I spend 1 µHenry to 450 µHenry, it can be tested for antennas son also short but I have to try to balance the ground wire or long ...
It is never made and yet it works sometimes.
MFJ at things like this just ready fictional land called I think, i am not sur is the same shématic montage .
I already tested, we can see the difference on the signal rise and also the ease to give the BLT and the antenna analyzer.

(I'm looking for a small metal box!)
See You , jp F6DDV

----- Original Message -----
From: ac0owinco
To: pfr3_group@yahoogroups.com
Sent: Saturday, August 27, 2011 2:06 AM
Subject: [pfr3_group] Tri-Band Longwires for 20, 30 & 40

I have found a length of long wire which will work on all three bands and get a match using the PFR-3. 25 feet seems to work. Any longer and 20m will not match. Any shorter and 40m starts to look like too hard. And even if you can match, the antenna may not perform well on 40. Antenna worked well on 20 & 30 (made contacts with gud signal reports (579). Haven't worked anyone on 40, yet. But will. OBTW, the antenna was only 10 feet off the ground!! Sure to do better in a tree.

3089. Prayers and best wishes

Yahoo group: pfr3_group
Date: 2011-08-27 13:04:55 UTC
From: Dale Putnam
Topic: 3089 Message: 3089

The folks on the East Coast, being affected by Irene, have our prayers and thoughts to get through this. The power situation and flooding, trees over from all the wind, has to be a deal to work with. Please be careful, and safe. May God be with you, each of you.

--... ...-- Dale - WC7S in Wy

ps, thank you for the multi post, best way I could express it, to most those I know.

3090. RE: [pfr3_group] Prayers and best wishes

Yahoo group: pfr3_group
Date: 2011-08-27 15:13:32 UTC
From: Paul Feltz
Topic: 3089 Message: 3090

Amen!

Paul, WA0VDM

To: qfox@yahoogroups.com; qrp-l@...; at_sprint@yahoogroups.com; pfr3_group@yahoogroups.com
From: daleputnam@hotmail.com
Date: Sat, 27 Aug 2011 07:04:55 -0600
Subject: [pfr3_group] Prayers and best wishes

The folks on the East Coast, being affected by Irene, have our prayers and thoughts to get through this. The power situation and flooding, trees over from all the wind, has to be a deal to work with. Please be careful, and safe. May God be with you, each of you.

--... ...-- Dale - WC7S in Wy

ps, thank you for the multi post, best way I could express it, to most those I know.

3091. Re: Prayers and best wishes

Yahoo group: pfr3_group
Date: 2011-08-28 08:22:23 UTC
From: Grant
Topic: 3089 Message: 3091

After having suffer catestrophic flooding here in February, I know what you guys on the east coast are going through. I am thinking of you all and wishing you all the very best.

Regards
Grant VK4JAZ

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> The folks on the East Coast, being affected by Irene, have our prayers and thoughts to get through this. The power situation and flooding, trees over from all the wind, has to be a deal to work with. Please be careful, and safe. May God be with you, each of you.
>
> --... ...-- Dale - WC7S in Wy
>
> ps, thank you for the multi post, best way I could express it, to most those I know.
>

3092. Re: Tri-Band Longwires for 20, 30 & 40

Yahoo group: pfr3_group
Date: 2011-08-28 10:10:32 UTC
From: Michael E. Califf,Sr
Topic: 3087 Message: 3092

What was the length of your counterpoise or radial?? Or did you have one??

Mecsr MikeSr AB7OC

3093. Re: [pfr3_group] Re: Tri-Band Longwires for 20, 30 & 40

Yahoo group: pfr3_group
Date: 2011-08-28 13:07:22 UTC
From: f6ddv
Topic: 3087 Message: 3093

Hello Mike
I do not know to whom the question, probably for all the world ...
Normally it takes three wires counterpoise
But often it is a quarter wave of the greatest wavelength,
and often less as you can not connect a long length of wire, that is why we often have the HF on the mass of the housing of the transceiver,
and all cables are connected to the mass of case,
and because of this that I test a tuning circuit to be set to the counterpoise wire antenna.
The last test it showed that ROS decreases and performance is better by putting a tuning circuit in series with the wire that serves as a counterpoise
soon
jp F6DDV
----- Original Message -----
From: Michael E. Califf,Sr
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 28, 2011 12:10 PM
Subject: [pfr3_group] Re: Tri-Band Longwires for 20, 30 & 40

What was the length of your counterpoise or radial?? Or did you have one??

Mecsr MikeSr AB7OC

3094. Re: [pfr3_group] Re: Tri-Band Longwires for 20, 30 & 40

Yahoo group: pfr3_group
Date: 2011-08-28 14:30:06 UTC
From: Steve Ellington
Topic: 3087 Message: 3094

Understand that a counterpoise is part of your antenna system.

A 1/4 wavelength counterpoise is 1/2 of your dipole either suspended very low or laying on the ground.

The effect of 1/2 your antenna (counterpoise) laying on the ground is (at least) half your power wasted.....Into the ground!

All this monkey business of making a wire easy to load up can result in QRP becoming QRPPPPP.

For best RF efficiency, get that (so called) counterpoise up in the air....I mean WAY up...It radiates!

Get it up high enough and you will have a doublet.

Make it at least 3/8 wavelength for the lowest frequency, feed with ladder line or twin lead, tune it with your BLT and you have
an efficient multiband system.

Can't get it into a straight line?

Get the center up as high as possible and droop the legs down keeping them as far apart as possible.

If you are forced to use one leg as a (counterpoise) then keep that leg up high. Run it up to a tree but certainly don't lay it on the ground unless you are determined to
warm the worms!

Don't believe? Stick the end of your counterpoise on your tongue, hit the key, call CQ, call 911.

73 Steve N4LQ

----- Original Message -----
From: f6ddv
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 28, 2011 9:07 AM
Subject: Re: [pfr3_group] Re: Tri-Band Longwires for 20, 30 & 40

Hello Mike
I do not know to whom the question, probably for all the world ...
Normally it takes three wires counterpoise
But often it is a quarter wave of the greatest wavelength,
and often less as you can not connect a long length of wire, that is why we often have the HF on the mass of the housing of the transceiver,
and all cables are connected to the mass of case,
and because of this that I test a tuning circuit to be set to the counterpoise wire

antenna.
The last test it showed that ROS decreases and performance is better by putting a tuning circuit in series with the wire that serves as a counterpoise
soon
jp F6DDV
----- Original Message -----
From: Michael E. Califf,Sr
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 28, 2011 12:10 PM
Subject: [pfr3_group] Re: Tri-Band Longwires for 20, 30 & 40

What was the length of your counterpoise or radial?? Or did you have one??

Mecsr MikeSr AB7OC

3095. Storing a memory

Yahoo group: pfr3_group
Date: 2011-08-28 15:55:04 UTC
From: k6mgo@verizon.net
Topic: 3095 Message: 3095

Just discovered a problem with my PFR3A.

Went to store a "CQ" call into memory, and it started out alright, but, by the "de and my call" it added a bunch of extra characters.

Tried about 4-5 times, with same results.

What's the fix for this?

73, Bill, k6mgo

3096. Re: Tri-Band Longwires for 20, 30 & 40

Yahoo group: pfr3_group
Date: 2011-08-28 15:57:21 UTC
From: ac0owinco
Topic: 3087 Message: 3096

Mike,
I did not use a counterpoise with the 25 foot long wire. The 25 feet went up to the top of a table umbrella ~10', then horizontal. As long as you get the high current part of the antenna up a ways, it works fine. That will make this length marginal at best on 40m.

--Jim

--- In pfr3_group@yahoogroups.com, "Michael E. Califf,Sr" <mecsr@...> wrote:
>
> What was the length of your counterpoise or radial?? Or did you have one??
>
> Mecsr MikeSr AB7OC
>

3097. RE: [pfr3_group] Storing a memory

Yahoo group: pfr3_group
Date: 2011-08-28 16:36:16 UTC
From: Dale Putnam
Topic: 3095 Message: 3097

You may want to check with Steve on that one, Bill. Or check the achives.... there has been some discussion about that.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Sun, 28 Aug 2011 15:55:04 +0000
Subject: [pfr3_group] Storing a memory

Just discovered a problem with my PFR3A.

Went to store a "CQ" call into memory, and it started out alright, but, by the "de and my call" it added a bunch of extra characters.

Tried about 4-5 times, with same results.

What's the fix for this?

73, Bill, k6mgo

3098. Storing a memory

Yahoo group: pfr3_group
Date: 2011-08-28 17:22:10 UTC
From: k6mgo@verizon.net
Topic: 3095 Message: 3098

Problem with that Dale, is I don't have a email address for Steve. I tried to send one to his QRZ address, but it bounced.

I'll just have to wait till he see this, and I'm sure he will contact me.

Also noticed that the adjusting keyer speed works backwards, DOT decreases the speed, not increases it.

Have a nice weekend,

73, Bill, k6mgo

RE: [pfr3_group] Storing a memory

You may want to check with Steve on that one, Bill. Or check the achives.... there has been some discussion about that.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Sun, 28 Aug 2011 15:55:04 +0000
Subject: [pfr3_group] Storing a memory

Just discovered a problem with my PFR3A.

Went to store a "CQ" call into memory, and it started out alright, but, by the "de and my call" it added a bunch of extra characters.

Tried about 4-5 times, with same results.

What's the fix for this?

73, Bill, k6mgo

3099. RE: [pfr3_group] Storing a memory

Yahoo group: pfr3_group
Date: 2011-08-28 17:46:38 UTC
From: Dale Putnam
Topic: 3095 Message: 3099

Hi Bill,
The speed adjust isn't as simple as the paddle wired backwards is it? (I'd bet not, but I had to ask) As for Steve's address, I copied him, maybe he has a thought as to the memory storage followed by random stuff.
Good luck with that, I'm thinking it may be a reprogram of the uP.
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Sun, 28 Aug 2011 17:22:10 +0000
Subject: [pfr3_group] Storing a memory

Problem with that Dale, is I don't have a email address for Steve. I tried to send one to his QRZ address, but it bounced.

I'll just have to wait till he see this, and I'm sure he will contact me.

Also noticed that the adjusting keyer speed works backwards, DOT decreases the speed, not increases it.

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73, Bill, k6mgo

RE: [pfr3_group] Storing a memory

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--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Sun, 28 Aug 2011 15:55:04 +0000
Subject: [pfr3_group] Storing a memory

Just discovered a problem with my PFR3A.

Went to store a "CQ" call into memory, and it started out alright, but, by the "de and my call" it added a bunch of extra characters.

Tried about 4-5 times, with same results.

What's the fix for this?

73, Bill, k6mgo

3100. Storing a memory

Yahoo group: pfr3_group
Date: 2011-08-28 18:42:29 UTC
From: k6mgo@verizon.net
Topic: 3095 Message: 3100

Hi Dale,

My Palm Paddle is wired with the DOT to tip and DAH to ring, I do believe that is the industry standard.

Thank you so much for forwarding my problem to Steve, I'm sure he will help me get this resolved.

73, Bill, k6mgo

RE: [pfr3_group] Storing a memory

Hi Bill,
The speed adjust isn't as simple as the paddle wired backwards is it? (I'd bet not, but I had to ask) As for Steve's address, I copied him, maybe he has a thought as to the memory storage followed by random stuff.
Good luck with that, I'm thinking it may be a reprogram of the uP.
Have a great day,

--... ...-- Dale - WC7S in Wy

3101. Storing a memory

Yahoo group: pfr3_group
Date: 2011-08-28 18:42:45 UTC
From: k6mgo@verizon.net
Topic: 3095 Message: 3101

Hi Dale,

My Palm Paddle is wired with the DOT to tip and DAH to ring, I do believe that is the industry standard.

Thank you so much for forwarding my problem to Steve, I'm sure he will help me get this resolved.

73, Bill, k6mgo

RE: [pfr3_group] Storing a memory

Hi Bill,
The speed adjust isn't as simple as the paddle wired backwards is it? (I'd bet not, but I had to ask) As for Steve's address, I copied him, maybe he has a thought as to the memory storage followed by random stuff.
Good luck with that, I'm thinking it may be a reprogram of the uP.
Have a great day,

--... ...-- Dale - WC7S in Wy

3102. RE: [pfr3_group] Storing a memory

Yahoo group: pfr3_group
Date: 2011-08-28 18:49:14 UTC
From: Dale Putnam
Topic: 3095 Message: 3102

Yep, you got it. That's the good news. We'll wait for Steve's reply now. Unless someone else has an answer?

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Sun, 28 Aug 2011 18:42:45 +0000
Subject: [pfr3_group] Storing a memory

Hi Dale,

My Palm Paddle is wired with the DOT to tip and DAH to ring, I do believe that is the industry standard.

Thank you so much for forwarding my problem to Steve, I'm sure he will help me get this resolved.

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The speed adjust isn't as simple as the paddle wired backwards is it? (I'd bet not, but I had to ask) As for Steve's address, I copied him, maybe he has a thought as to the memory storage followed by random stuff.
Good luck with that, I'm thinking it may be a reprogram of the uP.
Have a great day,

--... ...-- Dale - WC7S in Wy

3103. Re: [pfr3_group] Re: Tri-Band Longwires for 20, 30 & 40

Yahoo group: pfr3_group
Date: 2011-08-28 20:13:22 UTC
From: f6ddv
Topic: 3087 Message: 3103

Hello Steve
I totally agree with you
But you asked what kind of conterpoise?
So I assume that the person can not use a dipole and only a long wire.
Of course as a doublet with a line parallel Fedder is better, of course that a wire placed on the ground is a waste of HF it is better to be a little high.
I even wrote some time ago what to do wires from the two banana plugs for output symmetrical "V" and hang in the trees was the best thing.
The proof is that in a hotel with two yoyo wires of 6 m and a wooden floor on the floor I did the best QSO a few hours before in nature with a wire to the ground and another in a tree, but there was only one tree ...
as there are two attachment points I am making a "V" or "L" with two son and it works much better ...
and then a small vertical MP1 and four small conterpoise, but fixed on a table above the ground, it's better for the higher bands for the low bands sometimes feed near the ground is better, but with an almost shocking baloon the SO239 antenna.

So long and 73s
F6DDV
----- Original Message -----
From: Steve Ellington
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 28, 2011 4:30 PM
Subject: Re: [pfr3_group] Re: Tri-Band Longwires for 20, 30 & 40

Understand that a counterpoise is part of your antenna system.

A 1/4 wavelength counterpoise is 1/2 of your dipole either suspended very low or laying on the ground.

The effect of 1/2 your antenna (counterpoise) laying on the ground is (at least) half your power wasted.....Into the ground!

All this monkey business of making a wire easy to load up can result in QRP becoming QRPPPPP.

For best RF efficiency, get that (so called) counterpoise up in the air....I mean WAY up...It radiates!

Get it up high enough and you will have a doublet.

Make it at least 3/8 wavelength for the lowest frequency, feed with ladder line or twin lead, tune it with your BLT and you have
an efficient multiband system.

Can't get it into a straight line?

Get the center up as high as possible and droop the legs down keeping them as far apart as possible.

If you are forced to use one leg as a (counterpoise) then keep that leg up high. Run it up to a tree but certainly don't lay it on the ground unless you are determined to warm the worms!

Don't believe? Stick the end of your counterpoise on your tongue, hit the key, call CQ, call 911.

73 Steve N4LQ

----- Original Message -----
From: f6ddv
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 28, 2011 9:07 AM
Subject: Re: [pfr3_group] Re: Tri-Band Longwires for 20, 30 & 40

Hello Mike
I do not know to whom the question, probably for all the world ...
Normally it takes three wires counterpoise
But often it is a quarter wave of the greatest wavelength,
and often less as you can not connect a long length of wire, that is why we often have the HF on the mass of the housing of the transceiver,
and all cables are connected to the mass of case,
and because of this that I test a tuning circuit to be set to the counterpoise wire antenna.
The last test it showed that ROS decreases and performance is better by putting a tuning circuit in series with the wire that serves as a counterpoise
soon
jp F6DDV
----- Original Message -----
From: Michael E. Califf,Sr
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 28, 2011 12:10 PM
Subject: [pfr3_group] Re: Tri-Band Longwires for 20, 30 & 40

What was the length of your counterpoise or radial?? Or did you have one??

Mecsr MikeSr AB7OC

3104. [NAQCC-News] NCS for tonight's NAQCC QRS Net

Yahoo group: pfr3_group
Date: 2011-08-28 22:27:14 UTC
From: Dale Putnam
Topic: 3104 Message: 3104

For a one time fillin...
Drop by, and say howdy,

The net info is:

Sunday evening 7pm MDT time which is Monday 0000Z on 7041 kHz.

Hope to see you there,
I'll be calling the net at 15wpm, if someone calls in slower, I'll try to match their speed.
C U there!!

--... ...-- Dale - WC7S in Wy

> From: naqcc33@...
> To: naqcc-news@...
> Date: Sun, 28 Aug 2011 16:31:20 -0400
> Subject: [NAQCC-News] NCS for tonight's NAQCC QRS Net
>
> Only Dale WC7S from Wyoming and later Evan W5IQS stepped forward to be NCS.
> I would have preferred someone from the NE USA, but no one from the area
> volunteered, so Dale will take the net this evening.
>
>
> * John K3WWP - 100% CW / QRP - Proudly promoting Morse Code:
> *
> * As NAQCC VP - # 0002 FC # 1 - http://naqcc.info/
> *
> * As FISTS Keynote QRP Columnist - # 2002 - http://www.fists.org/
> *
> * With my CW-QRP site - http://home.windstream.net/johnshan/
>
>
>
>
> _____
> NAQCC-News mailing list
> Home: http://mailman.qth.net/mailman/listinfo/naqcc-news
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:NAQCC-News@...
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html

3105. straight key mode

Yahoo group: pfr3_group
Date: 2011-08-28 23:11:50 UTC
From: Grant
Topic: 3105 Message: 3105

Hi guys. Sometimes when I switch form my KK1 straight key to my Black Widow paddle, all goes fine, but when I want to switch back to the straight key, I first shut down the power, unplug the paddle and plug in the straight key, turn on the power and ... the straight key acts like a paddle. Then after multiple attempts it eventually comes right. What gives? My paddle has a stereo jack and the straight key a mono jack.

Regards
Grant VK4JAZ

3106. Re: Random ant

Yahoo group: pfr3_group
Date: 2011-08-29 05:42:57 UTC
From: Rick Dwight
Topic: 3055 Message: 3106

Bill,
I have made hundreds of QSO's from Alaska, Europe, UK, and around the "lower 48 states" with a 26 ft wire and a 17 ft counterpoise laying on the ground. This was with my Elecraft KX1 running 1 to 2 watts. I have not yet tried this combination with the PFR3A, however I suspect it would easily load this set up. I also carry an 8 ft lead with a big clip and sometimes also a 33 ft wire. Often in campgrounds I just clip onto the metal legs of the picnic table, chain link fence, or other metal and forget the counterpoise wire. This set up seems to do great on 20 and 30 meters and is OK on 40. If the counterpoise is elevated sometimes the rig does not load on 40, so I just use the 8 ft clip lead to lengthen the 26 ft wire, or lengthen the 17 ft counterpoise. If I want better 40 meter performance occasionally I use my 33 ft wire for the antenna and the 26 + 8 ft wires for a counterpoise (40 meters only). For home use or prolonged operation I erect better antennas. Please post your results.....this may not be the ideal antenna for the PFR.
Rick KL7CW Palmer, Alaska

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> Seen some posts on various wires for indoor use, anyone got any recommdatons for a good length for all three bands, with counterpoise?
>
> Tnx for any suggestions.
>
> 73, Bill, k6mgo
>

3107. Re: straight key mode

Yahoo group: pfr3_group
Date: 2011-08-29 05:53:54 UTC
From: Rick Dwight
Topic: 3105 Message: 3107

Grant,
Possibly the stereo jack on the PFR does not "like" the mono plug. Try a stereo plug with the hot key contact hooked to the tip and the ring and sleeve tied together and hooked to the key ground terminal. Just something to try. Rick KL7CW

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
> Hi guys. Sometimes when I switch form my KK1 straight key to my Black Widow paddle, all goes fine, but when I want to switch back to the straight key, I first shut down the power, unplug the paddle and plug in the straight key, turn on the power and ... the straight key acts like a paddle. Then after multiple attempts it eventually comes right. What gives? My paddle has a stereo jack and the straight key a mono jack.
>
> Regards
> Grant VK4JAZ
>

3108. Re: Random ant

Yahoo group: pfr3_group
Date: 2011-08-29 06:42:35 UTC
From: Grant
Topic: 3055 Message: 3108

I also like the idea of the counterpoise lying on the ground. Still have to try it, but I like it. I think of radial wires on a vertical; they are on the ground or even in it. I'll let you know my results when I get around to trying it.

3109. Re: [pfr3_group] straight key mode

Yahoo group: pfr3_group
Date: 2011-08-29 10:31:38 UTC
From: f6ddv
Topic: 3105 Message: 3109

Hello to all friends list
Put a single Jacq pfr3 to the key is not a problem, it is detected the software knows right away.
For an "eternal beginner" like me the right key is the best as I "tape" the following key in my head it's better than the paddle that does "not speak" as well.
But put a Jacq mono headphone to ear is not good, it is an adapter with stereo Jacq, or we must mount stereo Jacq all cables connecting all the tips and the first contact, or it just push just the first "click" in and things are going well.
see you soon
jp F6DDV
----- Original Message -----
From: Grant
To: pfr3_group@yahoogroups.com
Sent: Monday, August 29, 2011 1:11 AM
Subject: [pfr3_group] straight key mode

Hi guys. Sometimes when I switch form my KK1 straight key to my Black Widow paddle, all goes fine, but when I want to switch back to the straight key, I first shut down the power, unplug the paddle and plug in the straight key, turn on the power and ... the straight key acts like a paddle. Then after multiple attempts it eventually comes right. What gives? My paddle has a stereo jack and the straight key a mono jack.

Regards
Grant VK4JAZ

3110. Re: Random ant

Yahoo group: pfr3_group
Date: 2011-08-29 15:19:47 UTC
From: John Parnell
Topic: 3055 Message: 3110

Hello All - I thought I would weigh in on the question of longwires and counterpoises. After i built my pfr a few years back, I experimented with wires an found that 55 ft and 1/4 wave radials for all 3 bands worked FB. Even with my prevoius qrp portable rig, a mfj 9020, I would often rig up a dipole as a vertical with one side on the ground - I have worked the world with this config - and no worms were harmed....so the idea that a quarter wave radial and LW ant wont play does not match MY experience. I often do qrp from the pacific ocean beaches where vertical lw's play very fb over the salt water ground. NEXT summer, I wanna try a 20 m vertical yagi made of magnet wire hanging from nylon cord... 72 de John, HC7/K7HV

Sent from my Portable
Device

3111. Re: Random ant

Yahoo group: pfr3_group
Date: 2011-08-29 19:39:19 UTC
From: k6mgo@verizon.net
Topic: 3055 Message: 3111

Thanks for the suggestions, Rick, I'm going to try them all and will report back with the results.

Ideally I can find one length that will load on all three bands, and be pretty efficient on them, as well.

I tried the 51' but that didn't work for me. So, we'll see what does.

Thanks again, and 73,

Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Rick Dwight" <kl7cw@...> wrote:
>
> Bill,
> I have made hundreds of QSO's from Alaska, Europe, UK, and around the "lower 48 states" with a 26 ft wire and a 17 ft counterpoise laying on the ground. This was with my Elecraft KX1 running 1 to 2 watts. I have not yet tried this combination with the PFR3A, however I suspect it would easily load this set up. I also carry an 8 ft lead with a big clip and sometimes also a 33 ft wire. Often in campgrounds I just clip onto the metal legs of the picnic table, chain link fence, or other metal and forget the counterpoise wire. This set up seems to do great on 20 and 30 meters and is OK on 40. If the counterpoise is elevated sometimes the rig does not load on 40, so I just use the 8 ft clip lead to lengthen the 26 ft wire, or lengthen the 17 ft counterpoise. If I want better 40 meter performance occasionally I use my 33 ft wire for the antenna and the 26 + 8 ft wires for a counterpoise (40 meters only). For home use or prolonged operation I erect better antennas. Please post your results.....this may not be the ideal antenna for the PFR.
> Rick KL7CW Palmer, Alaska
>
> --- In pfr3_group@yahoogroups.com, "k6mgo@" <k6mgo@> wrote:
> >
> > Seen some posts on various wires for indoor use, anyone got any recommdatons for a good length for all three bands, with counterpoise?
> >
> > Tnx for any suggestions.
> >
> > 73, Bill, k6mgo
> >
>

3112. End fed wire

Yahoo group: pfr3_group
Date: 2011-08-30 17:31:51 UTC
From: k6mgo@verizon.net
Topic: 3112 Message: 3112

Just to let those interested,know, I built the 34' wire, with the 17' ground wire and was checking it out this morning on my patio. I suspended it from the Jackite Pole, and led lt straight to the rig, no winding on the pole. It tuned very well on 40m but, couldn't get it to tune on 30m or 20m.
Then I shortened it to 28', (another recommeded length)and got it to tune on 40m and 30m but not on 20m.
Last, I shortened it again to 25' and again it tuned on 40m and 30m, but not on 20m.

So, don't know if it's me, or, if is the tiny patio, with two, two story buildings so close by, that de-tune it, but, so far not able to find a length that will work on all three bands.

73, Bill, k6mgo

3113. Re: [pfr3_group] End fed wire

Yahoo group: pfr3_group
Date: 2011-08-30 19:30:16 UTC
From: lahagar1@aol.com
Topic: 3112 Message: 3113

Hi Bill,

Thanks for the info. That arrangement did for me on all three bands, the 34 ft wire as vertical as possible and both wire insulated. I recall using the BLT in Hi-Z setting on each band - although I could get the Lo-Z setting to work on 40 and 30 too, but more difficult. Tuning was sensitive, but once a match was found, it remained set with completely darkened LED.

Yes, Bill I agree the surroundings will influence the tuning, and maybe my particular installation had something to do with it. -- You caused me to remember that, about 20 feet away or so, there was a free-standing TV tower of approximately same height as the antenna wire which must have had some influence!

Also, I do also agree with the previous posting that said the CP may waste energy, and so I would like to try other antennas with as little CP as needed; maybe only enough to bring the impedance within range of the tuner (?). Sounds like more fun in the backyard, weather permitting...

73,
Lynn
NG9D

-----Original Message-----
From: k6mgo@...t <k6mgo@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Aug 30, 2011 12:31 pm
Subject: [pfr3_group] End fed wire

Just to let those interested,know, I built the 34' wire, with the 17' ground wire and was checking it out this morning on my patio. I suspended it from the Jackite Pole, and led lt straight to the rig, no winding on the pole. It tuned very well on 40m but, couldn't get it to tune on 30m or 20m.
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So, don't know if it's me, or, if is the tiny patio, with two, two story buildings so close by, that de-tune it, but, so far not able to find a length that will work on all three bands.

73, Bill, k6mgo

3114. Re: [pfr3_group] End fed wire

Yahoo group: pfr3_group
Date: 2011-08-30 20:39:23 UTC
From: Steve Ellington
Topic: 3112 Message: 3114

Lynn
The closer to 1/2 wavelength the antenna is, the less demand for a counterpoise thus the less radiation by the short CP. With a 50' end fed wire on 30m just a few feet of wire will do the CP job however the impedance of the antenna is very high and can be difficult to match (Hi-Z)
.
With the 50' wire on 30m, your maximum radiation will happen at the 25' point which would typically be up in the air. If the support is 25' tall you end up with a very nice inverted L and a combination of vertical and horizontal polarization plus excellent low angles for DX. Almost anything can be used as a counterpoise.

I'm not sure what the limitations of the BLT tuner are but normally a parallel LC tuner is needed for end fed 1/2 wave antennas.

Obvioiusly there is no single length of wire that works like this on all bands! Some insulators and jumpers can be used to vary the length.

Heres a nice line for end fed ants.
http://aa5tb.com/efha.html

Steve N4LQ

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 30, 2011 3:30 PM
Subject: Re: [pfr3_group] End fed wire

Hi Bill,

Thanks for the info. That arrangement did for me on all three bands, the 34 ft wire as vertical as possible and both wire insulated. I recall using the BLT in Hi-Z setting on each band - although I could get the Lo-Z setting to work on 40 and 30 too, but more difficult. Tuning was sensitive, but once a match was found, it remained set with completely darkened LED.

Yes, Bill I agree the surroundings will influence the tuning, and maybe my particular installation had something to do with it. -- You caused me to remember that, about 20 feet away or so, there was a free-standing TV tower of approximately same height as the antenna wire which must have had some influence!

Also, I do also agree with the previous posting that said the CP may waste energy, and so I would like to try other antennas with as little CP as needed; maybe only enough to bring the impedance within range of the tuner (?). Sounds like more fun in the backyard, weather permitting...

73,
Lynn
NG9D

-----Original Message-----
From: k6mgo@... <k6mgo@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Aug 30, 2011 12:31 pm
Subject: [pfr3_group] End fed wire

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So, don't know if it's me, or, if is the tiny patio, with two, two story buildings so close by, that de-tune it, but, so far not able to find a length that will work on all three bands.

73, Bill, k6mgo

3115. Re: [pfr3_group] End fed wire

Yahoo group: pfr3_group
Date: 2011-08-30 22:08:53 UTC
From: lahagar1@aol.com
Topic: 3112 Message: 3115

Steve - Yes I'd read Steve Yate's page --that is a classic on EFHW packed with great info -- will definitely review again. I also like your thoughts on the 50' inverted-L / current distibution, can see how that would be a nice antenna for 30m and will have to try it out. Thanks Steve.

Lynn NG9D

-----Original Message-----
From: Steve Ellington <n4lq@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Aug 30, 2011 3:39 pm
Subject: Re: [pfr3_group] End fed wire

☐
Lynn
The closer to 1/2 wavelength the antenna is, the less demand for a counterpoise thus the less radiation by the short CP. With a 50' end fed wire on 30m just a few feet of wire will do the CP job however the impedance of the antenna is very high and can be difficult to match (Hi-Z)
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Obvioiusly there is no single length of wire that works like this on all bands! Some insulators and jumpers can be used to vary the length.

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http://aa5tb.com/efha.html

Steve N4LQ

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 30, 2011 3:30 PM
Subject: Re: [pfr3_group] End fed wire

Hi Bill,

Thanks for the info. That arrangement did for me on all three bands, the 34 ft wire as vertical as possible and both wire insulated. I recall using the BLT in Hi-Z setting on each band - although I could get the Lo-Z setting to work on 40 and 30 too, but more difficult. Tuning was sensitive, but once a match was found, it remained set with completely darkened LED.

Yes, Bill I agree the surroundings will influence the tuning, and maybe my particular installation had something to do with it. -- You caused me to remember that, about 20 feet away or so, there was a free-standing TV tower of approximately same height as the antenna wire which must have had some influence!

Also, I do also agree with the previous posting that said the CP may waste energy, and so I would like to try other antennas with as little CP as needed; maybe only enough to bring the impedance within range of the tuner (?). Sounds like more fun in the backyard, weather permitting...

73,
Lynn
NG9D

-----Original Message-----
From: k6mgo@... <k6mgo@verizon.net>
To: pfr3_group@yahoogroups.com
Sent: Tue, Aug 30, 2011 12:31 pm
Subject: [pfr3_group] End fed wire

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73, Bill, k6mgo

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Yes, Bill I agree the surroundings will influence the tuning, and maybe my particular installation had something to do with it. -- You caused me to remember that, about 20 feet away or so, there was a free-standing TV tower of approximately same height as the antenna wire which must have had some influence!

Also, I do also agree with the previous posting that said the CP may waste energy, and so I would like to try other antennas with as little CP as needed; maybe only enough to bring the impedance within range of the tuner (?). Sounds like more fun in the backyard, weather permitting...

73,
Lynn

NG9D

-----Original Message-----
From: k6mgo@... <k6mgo@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Aug 30, 2011 12:31 pm
Subject: [pfr3_group] End fed wire

Just to let those interested,know, I built the 34' wire, with the 17' ground wire and was checking it out this morning on my patio. I suspended it from the Jackite Pole, and led lt straight to the rig, no winding on the pole. It tuned very well on 40m but, couldn't get it to tune on 30m or 20m.
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So, don't know if it's me, or, if is the tiny patio, with two, two story buildings so close by, that de-tune it, but, so far not able to find a length that will work on all three bands.

73, Bill, k6mgo

3116. winding T2

Yahoo group: pfr3_group
Date: 2011-08-30 23:42:16 UTC
From: Dwayne Geary
Topic: 3116 Message: 3116

1 how DO I WIND t2 what length wire do I use ?

2 IS THE PRIMARY WINDING WOUND OVER THE SECONDARY IN THE MIDDLE

THANKS FOR ANY HELP

73 DWAYNE

3117. RE: [pfr3_group] winding T2

Yahoo group: pfr3_group
Date: 2011-08-30 23:59:59 UTC
From: Dale Putnam
Topic: 3116 Message: 3117

Hi Dwayne,
1 I use 15 inches, and if I have a need to wrap around my finger to "feel" it better, I start with 17 inches, and have a good bit to trim off.
2 The Secondary, is wound between the two end turns of the primary... or as an extension of windings after the primary is wound, with a 1 in loop between the two.
So it is a long primary, then a space on the core, and a continuation of winding of the secondary, then stop.
3. Did I miss anything?
Have a great day building... it is a whole lot better than about any other day I can think of.... 'cept maybe being on the air.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: kc2vrw@yahoo.com
Date: Tue, 30 Aug 2011 23:42:16 +0000
Subject: [pfr3_group] winding T2

1 how DO I WIND t2 what length wire do I use ?

2 IS THE PRIMARY WINDING WOUND OVER THE SECONDARY IN THE MIDDLE

THANKS FOR ANY HELP

73 DWAYNE

3118. Re: [pfr3_group] End fed wire

Yahoo group: pfr3_group
Date: 2011-08-31 03:32:00 UTC
From: Steve Ellington
Topic: 3112 Message: 3118

Yes it's hard to beat a 1/2 inverted L once you get it matched up. Having the main radiating portion up at the joint really does wonders.
Sometimes putting a fixed value capacitor in series with the end fed wire will bring it into range for a tuner. Try 50pf for starters. Just clip it in right at the rig. If that doesn't help, try 100pf. etc.
I did this to a 150 ft. end fed and made my MFJ auto tuner very happy!

Steve N4LQ

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 30, 2011 6:08 PM
Subject: Re: [pfr3_group] End fed wire

Steve - Yes I'd read Steve Yate's page --that is a classic on EFHW packed with great info -- will definitely review again. I also like your thoughts on the 50' inverted-L / current distibution, can see how that would be a nice antenna for 30m and will have to try it out. Thanks Steve.

Lynn NG9D

-----Original Message-----
From: Steve Ellington <n4lq@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Aug 30, 2011 3:39 pm
Subject: Re: [pfr3_group] End fed wire

☐
Lynn
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.
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Obvioiusly there is no single length of wire that works like this on all bands! Some insulators and jumpers can be used to vary the length.

Heres a nice line for end fed ants.
http://aa5tb.com/efha.html

Steve N4LQ

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 30, 2011 3:30 PM
Subject: Re: [pfr3_group] End fed wire

Hi Bill,

Thanks for the info. That arrangement did for me on all three bands, the 34 ft wire as vertical as possible and both wire insulated. I recall using the BLT in Hi-Z setting on each band - although I could get the Lo-Z setting to work on 40 and 30 too, but more difficult. Tuning was sensitive, but once a match was found, it remained set with completely darkened LED.

Yes, Bill I agree the surroundings will influence the tuning, and maybe my particular installation had something to do with it. -- You caused me to remember that, about 20 feet away or so, there was a free-standing TV tower of approximately same height as the antenna wire which must have had some influence!

Also, I do also agree with the previous posting that said the CP may waste energy, and so I would like to try other antennas with as little CP as needed; maybe only enough to bring the impedance within range of the tuner (?). Sounds like more fun in the backyard, weather permitting...

73,
Lynn
NG9D

-----Original Message-----
From: k6mgo@verizon.net <k6mgo@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Aug 30, 2011 12:31 pm
Subject: [pfr3_group] End fed wire

Just to let those interested,know, I built the 34' wire, with the 17' ground wire and was checking it out this morning on my patio. I suspended it from the Jackite Pole, and led lt straight to the rig, no winding on the pole. It tuned very well on 40m but, couldn't get it to tune on 30m or 20m.
Then I shortened it to 28', (another recommeded length)and got it to tune on 40m and 30m but not on 20m.
Last, I shortened it again to 25' and again it tuned on 40m and 30m, but not on 20m.

So, don't know if it's me, or, if is the tiny patio, with two, two story buildings so close by, that de-tune it, but, so far not able to find a length that will work on all three bands.

73, Bill, k6mgo

3119. Re: Storing a memory

Yahoo group: pfr3_group
Date: 2011-09-02 00:34:24 UTC
From: ad1os808
Topic: 3095 Message: 3119

http://groups.yahoo.com/group/pfr3_group/message/2326

This post and a few around it describe my experience with the "memory gibberesh".
Mike AD1OS

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> Just discovered a problem with my PFR3A.
>
> Went to store a "CQ" call into memory, and it started out alright, but, by the "de and my call" it added a bunch of extra characters.
>
> Tried about 4-5 times, with same results.
>
> What's the fix for this?
>
> 73, Bill, k6mgo
>

3120. thanks

Yahoo group: pfr3_group
Date: 2011-09-02 12:41:39 UTC
From: Dwayne Geary
Topic: 3116 Message: 3120

Thanks for the help

73 kc2vrw dwayne

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 30, 2011 7:59 PM
Subject: RE: [pfr3_group] winding T2

Hi Dwayne,
  1 I use 15 inches, and if I have a need to wrap around my finger to "feel" it better, I start with 17 inches, and have a good bit to trim off.
  2 The Secondary, is wound between the two end turns of the primary... or as an extension of windings after the primary is wound, with a 1 in loop between the two.
So it is a long primary, then a space on the core, and a continuation of winding of the secondary, then stop.
 3. Did I miss anything?
Have a great day building... it is a whole lot better than about any other day I can think of.... 'cept maybe being on the air.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: kc2vrw@...
Date: Tue, 30 Aug 2011 23:42:16 +0000
Subject: [pfr3_group] winding T2

1 how DO I WIND t2 what length wire do I use ?

2 IS THE PRIMARY WINDING WOUND OVER THE SECONDARY IN THE MIDDLE

THANKS FOR ANY HELP

73 DWAYNE

3121. RE: [pfr3_group] thanks

Yahoo group: pfr3_group
Date: 2011-09-02 14:00:39 UTC
From: Dale Putnam
Topic: 3116 Message: 3121

You bet Dwayne, it's a fun build, if you have any more questions, feel free to ask,
Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: kc2vrw@...
Date: Fri, 2 Sep 2011 05:41:39 -0700
Subject: [pfr3_group] thanks

Thanks for the help

73 kc2vrw dwayne

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, August 30, 2011 7:59 PM
Subject: RE: [pfr3_group] winding T2

Hi Dwayne,
1 I use 15 inches, and if I have a need to wrap around my finger to "feel" it better, I start with 17 inches, and have a good bit to trim off.
2 The Secondary, is wound between the two end turns of the primary... or as an extension of windings after the primary is wound, with a 1 in loop between the two.
So it is a long primary, then a space on the core, and a continuation of winding of the secondary, then stop.
3. Did I miss anything?
Have a great day building... it is a whole lot better than about any other day I can think of.... 'cept maybe being on the air.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: kc2vrw@...
Date: Tue, 30 Aug 2011 23:42:16 +0000
Subject: [pfr3_group] winding T2

1 how DO I WIND t2 what length wire do I use ?

2 IS THE PRIMARY WINDING WOUND OVER THE SECONDARY IN THE MIDDLE

THANKS FOR ANY HELP

73 DWAYNE

3122. Re: Storing a memory

Yahoo group: pfr3_group
Date: 2011-09-02 16:07:56 UTC
From: k6mgo@verizon.net
Topic: 3095 Message: 3122

Thanks for the suggestion, Mike, however, just tried it twice, and I got the same gibberish stored in memory, as I did hear play in "test" mode.

I guess I need a new chip, from Steve when he gets back.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "ad1os808" <bb1300@...> wrote:
>
> http://groups.yahoo.com/group/pfr3_group/message/2326
>
> This post and a few around it describe my experience with the "memory gibberesh".
> Mike AD1OS
>
> --- In pfr3_group@yahoogroups.com, "k6mgo@" <k6mgo@> wrote:
> >
> > Just discovered a problem with my PFR3A.
> >
> > Went to store a "CQ" call into memory, and it started out alright, but, by the "de and my call" it added a bunch of extra characters.
> >
> > Tried about 4-5 times, with same results.
> >
> > What's the fix for this?
> >
> > 73, Bill, k6mgo
> >
>

3123. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-04 12:19:57 UTC
From: lahagar1@aol.com
Topic: 3074 Message: 3123

Hi Guys,

Here is another antenna for PFR-3A -- "Lambda" antenna has a short homebrew feeder. It requires no soldering and works well on all three bands.

http://www.youtube.com/user/NG9D#p/u/12/VXo0XucRpt0

73,
Lynn
NG9D

3124. Re: "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-05 01:06:31 UTC
From: k6mgo@verizon.net
Topic: 3074 Message: 3124

Thanks for a very well done and informative video, Lynn. I don't have a nice big back yard like yours, nor do I have any tall trees like you do, but, just might build this antenna and keep it in my box of stuff for the PFR3.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, lahagar1@... wrote:
>
>
> Hi Guys,
>
> Here is another antenna for PFR-3A -- "Lambda" antenna has a short homebrew feeder. It requires no soldering and works well on all three bands.
>
> http://www.youtube.com/user/NG9D#p/u/12/VXo0XucRpt0
>
> 73,
> Lynn
> NG9D
>

3125. Re: "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-05 04:57:19 UTC
From: Grant
Topic: 3074 Message: 3125

Great antenna Lynn, and another superb video. I do love watching all you put up! I will definitely make one and use it as my main antenna for this fine little rig.

Grant VK4JAZ

3126. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-05 14:22:10 UTC
From: Steve
Topic: 3074 Message: 3126

Interesting idea.... could this be done with "zip" style lamp cord,
split and trimmed to length?

Steve
aa8af

3127. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-05 14:30:56 UTC
From: Ed - K9EW
Topic: 3074 Message: 3127

Hi Lynn,

Is the Lambda antenna your idea, or something you saw?

Did you model it, or was it an empirical development?

It looks a lot like an Off-Center Fed Dipole, fed with a 10-foot
transmission line that has a wide range of possible impedances that
transforms the antenna impedance to something the PFR-3 can match.

Can you tell us more about how the antenna was developed?

tnx es 73,
ed - k9ew

On Sun, Sep 4, 2011 at 7:19 AM, <lahagar1@aol.com> wrote:

> **
>
>
> *Hi Guys,*
> **
> *Here is another antenna for PFR-3A -- **"Lambda" antenna has a* *short
> homebrew feeder. It requires no soldering and works well on all three
> bands. *
> **
> *http://www.youtube.com/user/NG9D#p/u/12/VXo0XucRpt0*<http://www.youtube.com/user/NG9D#p
/u/12/VXo0XucRpt0>
> **
> *73,*
> *Lynn*
> *NG9D*
>
>
>

3128. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-05 14:39:26 UTC
From: Ed - K9EW
Topic: 3074 Message: 3128

I don't see why not. My first thought was to use a 50-foot roll of Radio Shack #18 speaker wire. Both are somewhat lossy with no control over impedance, but no worse than individual insulated wires taped together, and perhaps a bit easier to deploy. You'd need a ty-wrap at the end of the "transmission line" to keep it from "unzipping".

73,
ed - k9ew

On Mon, Sep 5, 2011 at 9:22 AM, Steve <lawresh@...> wrote:

> **
>
>
> Interesting idea.... could this be done with "zip" style lamp cord,
> split and trimmed to length?
>
> Steve
> aa8af
>
>
>

3129. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-05 15:46:37 UTC
From: lahagar1@aol.com
Topic: 3074 Message: 3129

Hi Ed,

This is my third purpose built PFR-3A antenna and is basically just an experiment to see if I could add a bit of feedline (10') to the previous antenna I used that was (apparently) very efficient. The old antenna was the 34 end fed wire with 15 ft counterpoise on ground. The "Lambda" antenna is just the same 34+15=49 ft antenna with a 10 foot parallel wire feedling (say 100 to 120 ohm) feedline added that allows the feed point to either stay on the ground or be hoisted up to give the counterpoise a bit of elevation. (It works either way.)

Yes, I think of this like an OCF antenna too. In round numbers, the 49 ft conductor is 0.7wave, 0.5 wave or 0.35 wave depending on band 20/30/40 meters and the feed is set at about 30% of the total conductor length. I do understand, but am still studying, the impedance mismatch and radiation from feedline. Unequal currents are likely flowing in the feedline and it is likely radiating as part of the system. But it seems the BLT works, and antenna is efficient enough to make contacts at 5 W power level. I am still trying different configurations - Thomas Edison style. No computer modeling yet.

Oh, yes the zip cord would work I think. My wire is the stuff they sell in 500 ft spools for underground dog fence. 20 Ga, solid, HDPE insulation, UV resistant. I also used this wire for 300 ft loop. It is cheap, light and durable. (You might note a little flat black paint on part of the wire, left over from earlier stealth antenna experiment.)

73
de Lynn/ NG9D

-----Original Message-----
From: Ed - K9EW <k9ew57@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Sep 5, 2011 9:30 am
Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

Hi Lynn,

Is the Lambda antenna your idea, or something you saw?

Did you model it, or was it an empirical development?

It looks a lot like an Off-Center Fed Dipole, fed with a 10-foot transmission line that has a wide range of possible impedances that transforms the antenna impedance to something the PFR-3 can match.

Can you tell us more about how the antenna was developed?

tnx es 73,
ed - k9ew

On Sun, Sep 4, 2011 at 7:19 AM, <lahagar1@...> wrote:

Hi Guys,

Here is another antenna for PFR-3A -- "Lambda" antenna has a short homebrew feeder. It requires no soldering and works well on all three bands.

http://www.youtube.com/user/NG9D#p/u/12/VXo0XucRpt0

73,
Lynn
NG9D

=

3130. Re: [pfr3_group] Re: Storing a memory

Yahoo group: pfr3_group
Date: 2011-09-05 17:01:42 UTC
From: Steven Weber
Topic: 3095 Message: 3130

Bill,

The keyer memory problem was fixed some time ago, so if you just recently bought the kit, the firmware is not the problem.

The original problem was with the display update interupt which could randomly corrupt the reading of the EEPROM data when sending the message from memory. Depending on the length of the message and the code speed, the memory would only glitch on occasion. Which was why the problem was not noticed for a while. The problem ONLY occured after the message was stored and then sent from eeprom memory.

If the characters are not being sent properly in the review part of the procedure, I am sorry to say the problem is with your sending. The processor relies on close to ideal spacing between elements to determine when a character has been completed or when a word space is to be inserted. Many people run thier code elements together with insufficent pause between letter element groups and this is what causes the gibberish to be stored.

> Thanks for the suggestion, Mike, however, just tried it twice, and I got
> the same gibberish stored in memory, as I did hear play in "test" mode.
>
> I guess I need a new chip, from Steve when he gets back.

3131. Re: Storing a memory

Yahoo group: pfr3_group
Date: 2011-09-05 19:36:50 UTC
From: k6mgo@verizon.net
Topic: 3095 Message: 3131

You are 100% correct, Steve, I had to try about 4-5 times, but, finally sent it the way the keyer likes, and now it sends a good 3X2 CQ.

My PFR3A is now complete and working FB. What a nice little rig. One of these days I'm going to have to put it aside, and start using my K3 again.:)

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> Bill,
>
> The keyer memory problem was fixed some time ago, so if you just recently
> bought the kit, the firmware is not the problem.
>
> The original problem was with the display update interupt which could
> randomly corrupt the reading of the EEPROM data when sending the message
> from memory. Depending on the length of the message and the code speed, the
> memory would only glitch on occasion. Which was why the problem was not
> noticed for a while. The problem ONLY occured after the message was stored
> and then sent from eeprom memory.
>
> If the characters are not being sent properly in the review part of the
> procedure, I am sorry to say the problem is with your sending. The processor
> relies on close to ideal spacing between elements to determine when a
> character has been completed or when a word space is to be inserted. Many
> people run thier code elements together with insufficent pause between
> letter element groups and this is what causes the gibberish to be stored.
>
>
> > Thanks for the suggestion, Mike, however, just tried it twice, and I got
> > the same gibberish stored in memory, as I did hear play in "test" mode.
> >
> > I guess I need a new chip, from Steve when he gets back.
>

3132. Re: [pfr3_group] Re: "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-05 20:09:25 UTC
From: f6ddv
Topic: 3074 Message: 3132

Hello
I find this really good antenna solution
I think the operation will always be better than a coaxial cable, since the pfr3 a release planned for this it must be used because
73s
jp F6DDV
----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Monday, September 05, 2011 3:06 AM
Subject: [pfr3_group] Re: "Lambda" Antenna for PFR-3

Thanks for a very well done and informative video, Lynn. I don't have a nice big back yard like yours, nor do I have any tall trees like you do, but, just might build this antenna and keep it in my box of stuff for the PFR3.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, lahagar1@... wrote:
>
>
> Hi Guys,
>
> Here is another antenna for PFR-3A -- "Lambda" antenna has a short homebrew feeder. It requires no soldering and works well on all three bands.
>
> http://www.youtube.com/user/NG9D#p/u/12/VXo0XucRpt0
>
> 73,
> Lynn
> NG9D
>

3133. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-05 21:53:02 UTC
From: Steve Ellington
Topic: 3074 Message: 3133

I did an EZNEC model of this antenna. With the cp horizontal at 8', the patterns were similar on all 3 bands being mostly omni directional but with a higher angle lobe favoring the "counterpoise".
Certainly the short side of the antenna radiates just as well as the long side since it's acting as the return circuit for RF. Most of the losses will occur from the cp especially if it's laying on the ground!

Here's an idea: Add at least one more cp in the opposite direction. Voila...you now have a vertical with 2 radials. Assuming that they cancel each other to some extent, your efficiency should improve and radiation angle should be lower.
4 radials would be slightly better but getting a bit complicated to support. Of course I'm referring to elevated radials.
Sounds like a fun project using a field strength meter across the yard and the other radial with an alligator clip on the end.

I found my PFR3a can drive my 100w Palomar amp to about 80 watts today. Needless to say, signal reports improved greatly! I used a tuner on the amps output to help keep things clean.

73 Steve N4LQ
----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Monday, September 05, 2011 11:46 AM
Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

Hi Ed,

This is my third purpose built PFR-3A antenna and is basically just an experiment to see if I could add a bit of feedline (10') to the previous antenna I used that was (apparently) very efficient. The old antenna was the 34 end fed wire with 15 ft counterpoise on ground. The "Lambda" antenna is just the same 34+15=49 ft antenna with a 10 foot parallel wire feedling (say 100 to 120 ohm) feedline added that allows the feed point to either stay on the ground or be hoisted up to give the counterpoise a bit of elevation. (It works either way.)

Yes, I think of this like an OCF antenna too. In round numbers, the 49 ft conductor is 0.7wave, 0.5 wave or 0.35 wave depending on band 20/30/40 meters and the feed is set at about 30% of the total conductor length. I do understand, but am still studying, the impedance mismatch and radiation from feedline. Unequal currents are likely flowing in the feedline and it is likely radiating as part of the system. But it seems the BLT works, and antenna is efficient enough to make contacts at 5 W power level. I am still trying different configurations - Thomas Edison style. No computer modeling yet.

Oh, yes the zip cord would work I think. My wire is the stuff they sell in 500 ft spools for underground dog fence. 20 Ga, solid, HDPE insulation, UV resistant. I also used this wire for 300 ft loop. It is cheap, light and durable. (You might note a little flat black

paint on part of the wire, left over from earlier stealth antenna experiment.)

73
de Lynn/ NG9D

-----Original Message-----
From: Ed - K9EW <k9ew57@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Sep 5, 2011 9:30 am
Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

Hi Lynn,

Is the Lambda antenna your idea, or something you saw?

Did you model it, or was it an empirical development?

It looks a lot like an Off-Center Fed Dipole, fed with a 10-foot transmission line that has a wide range of possible impedances that transforms the antenna impedance to something the PFR-3 can match.

Can you tell us more about how the antenna was developed?

tnx es 73,
ed - k9ew

On Sun, Sep 4, 2011 at 7:19 AM, <lahagar1@...> wrote:

Hi Guys,

Here is another antenna for PFR-3A -- "Lambda" antenna has a short homebrew feeder. It requires no soldering and works well on all three bands.

http://www.youtube.com/user/NG9D#p/u/12/VXo0XucRpt0

73,
Lynn
NG9D

3134. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-06 02:43:54 UTC
From: lahagar1@aol.com
Topic: 3074 Message: 3134

Steve,

Thanks for the antenna modeling info!

Here are notes I took in the backyard on Friday: I tested the antenna with three different feed point elevations, each also with a different configuration of the Counterpoise (CP), i.e. the short 15 ft bottom element : (1) First with feed point at ground level and CP resting on ground in a straight line (part of feed line on ground too), then (2) feed point elevated 8 feet (2.4m) above ground with CP vertical and L-shaped with last 7 ft (2.1m) of CP resting on ground, and (3) finally with feed point 10 feet (3m) above ground with CP sloping at an angle ending at 3 feet (1 m) above ground. In this configuration, I sat under the shade tree for about an hour chatting with George K9WWT on 40 m short skip. (4) I also tested the antenna in a fourth configuration, in with the CP elevated 6.7 ft (2m) and parallel to the ground surface - however I did not include those results because I used a metal pole to support the bottom element which likely affected the tuning since I could not find a match on 14MHz. I will have to repeat that part of the experiment with plastic or wood supports.

I included rough settings of the "Tune" and "Load" knobs, but realize the setting tolerance is so narrow this might be useful only as a general guide. I also added notes in table corresponding to configuration of antenna (height of feed point and position of the short element) that was used in the 20, 30 and 40m recordings shown on the YouTube video.

TUNING NOTES FOR HENDRICKS PFR-3A and “λ-ANTENNA”: This antenna is the 34’ end fed and 15’ counterpoise with the addition of a 10’ parallel wire feed line.

NOTE, LOCAL SURROUNDINGS SIGNIFICANTLY AFFECT TUNING; THEREFORE BLT SETTINGS ARE ONLY APPROXIMATE. AND POSITION OF DIAL INDICATORS VARIES PER UNIT. FIELD ERECTED ANTENNAS WILL ALL DIFFER; THIS IS JUST A RECORD OF ONE SPECIFIC INSTALLATION. TEST DONE WITH LEAVES ON TREE AND GROUND IN FAIRLY DRY CONDITION. HIGHLY CONDUCTIVE NORTHERN ILLINOIS SOIL. RESULTS WILL VARY.

CONNECT TOP WIRE TO RED TERMINAL, BOTTOM WIRE TO BLACK TERMINAL. ANTENNA SWITCH TO BALANCED LINE. SELECT BLT. WITH CARE, IT WAS POSSIBLE TO OBTAIN SWR MATCH AND COMPLETELY DARKENED LED ON ALL BANDS WITH ALL THREE FEED POINT CONFIGURATIONS. TUNING TAKES SOME REAL PRECISION, UNLESS NOTED THAT TUNING IS “EASY”.

FEED POINT
HEIGHT, FT (m)

POSITION OF CP (BOTTOM 15' WIRE)

40 m BAND,

30 m BAND

20 m BAND

0

FLAT ON GROUND

LO-Z
LOAD
TUNE
Note: Easy tuning.

HI-Z
LOAD
TUNE
Note: Precise tuning required. (Recorded K3XI QSO, Stephens City, VA: 894 km; RST 559)

LO-Z
LOAD “1 o’clock”
TUNE “3 o’clock”
Note: Touchy - very precise tuning needed. (Recorded KF5LC QSO
Conroe, TX: 1498 km; RST 599)

8 (2.4)

8 FT VERTICAL AND BOTTOM 7 FT FLAT ON GROUND , L -SHAPE

LO-Z
LOAD “11 o’clock”
TUNE “10 o’clock

HI-Z
LOAD “1 o’clock”
TUNE “2 o’clock

LO-Z
LOAD “2 o’clock
TUNE”3 o’clock

10 (3)

ANGLED FROM FEED POINT, END ELEVATED 3 FT ABOVE GROUND. (FORMS ~ 30° ANGLE wrt EARTH)
Note: See photos.

LO-Z
LOAD “1 o’clock”
TUNE “10 o’clock
NOTE: Easy tuning. Excellent hour rag chew with K9WWT, Merriville, IN: (recorded K8CPA QSO
Near Detroit, MI: 418 km; strong signal.)

HI-Z
LOAD “1 o’clock
TUNE “2 o’clock
Note: Easy tuning.

LO-Z
LOAD “2 o’clock
TUNE “2 o’clock

73 de NG9D 9/11

TUNING NOTES FOR HENDRICKS PFR-3A and “λ-ANTENNA”: This antenna is the 34’ end fed and 15’ counterpoise with the addition of a 10’ parallel wire feed line.

NOTE, LOCAL SURROUNDINGS SIGNIFICANTLY AFFECT TUNING; THEREFORE BLT SETTINGS ARE ONLY APPROXIMATE. AND POSITION OF DIAL INDICATORS VARIES PER UNIT. FIELD ERECTED ANTENNAS WILL ALL DIFFER; THIS IS JUST A RECORD OF ONE SPECIFIC INSTALLATION. TEST DONE WITH LEAVES ON TREE AND GROUND IN FAIRLY DRY CONDITION. HIGHLY CONDUCTIVE NORTHERN ILLINOIS SOIL. RESULTS WILL VARY.

CONNECT TOP WIRE TO RED TERMINAL, BOTTOM WIRE TO BLACK TERMINAL. ANTENNA SWITCH TO BALANCED LINE. SELECT BLT. WITH CARE, IT WAS POSSIBLE TO OBTAIN SWR MATCH AND COMPLETELY DARKENED LED ON ALL BANDS WITH ALL THREE FEED POINT CONFIGURATIONS. TUNING TAKES SOME REAL PRECISION, UNLESS NOTED THAT TUNING IS “EASY”.

FEED POINT
HEIGHT, FT (m)

POSITION OF CP (BOTTOM 15' WIRE)

40 m BAND,

30 m BAND

20 m BAND

0

FLAT ON GROUND

LO-Z
LOAD
TUNE
Note: Easy tuning.

HI-Z
LOAD
TUNE
Note: Precise tuning required. (Recorded K3XI QSO, Stephens City, VA: 894 km; RST 559)

LO-Z
LOAD “1 o’clock”
TUNE “3 o’clock”
Note: Touchy - very precise tuning needed. (Recorded KF5LC QSO
Conroe, TX: 1498 km; RST 599)

8 (2.4)

8 FT VERTICAL AND BOTTOM 7 FT FLAT ON GROUND , L -SHAPE

LO-Z
LOAD “11 o’clock”
TUNE “10 o’clock

HI-Z
LOAD “1 o’clock”
TUNE “2 o’clock

LO-Z
LOAD “2 o’clock
TUNE”3 o’clock

10 (3)

ANGLED FROM FEED POINT, END ELEVATED 3 FT ABOVE GROUND. (FORMS ~ 30° ANGLE wrt EARTH)
Note: See photos.

LO-Z
LOAD “1 o’clock”
TUNE “10 o’clock
NOTE: Easy tuning. Excellent hour rag chew with K9WWT, Merriville, IN: (recorded K8CPA QSO Near Detroit, MI: 418 km; strong signal.)

HI-Z
LOAD “1 o’clock
TUNE “2 o’clock
Note: Easy tuning.

LO-Z
LOAD “2 o’clock
TUNE “2 o’clock

73 de NG9D 9/11

-----Original Message-----
From: Steve Ellington <n4lq@carolina.rr.com>
To: pfr3_group@yahoogroups.com
Sent: Mon, Sep 5, 2011 4:53 pm
Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

☐
I did an EZNEC model of this antenna. With the cp horizontal at 8', the patterns were similar on all 3 bands being mostly omni directional but with a higher angle lobe favoring the "counterpoise".
Certainly the short side of the antenna radiates just as well as the long side since it's acting as the return circuit for RF. Most of the losses will occur from the cp especially if it's laying on the ground!

Here's an idea: Add at least one more cp in the opposite direction. Voila...you now have a vertical with 2 radials. Assuming that they cancel each other to some extent, your efficiency should improve and radiation angle should be lower.
4 radials would be slightly better but getting a bit complicated to support. Of course I'm referring to elevated radials.
Sounds like a fun project using a field strength meter across the yard and the other radial with an alligator clip on the end.

I found my PFR3a can drive my 100w Palomar amp to about 80 watts today. Needless to say, signal reports improved greatly! I used a tuner on the amps output to help keep things clean.

73 Steve N4LQ

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Monday, September 05, 2011 11:46 AM
Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

Hi Ed,

This is my third purpose built PFR-3A antenna and is basically just an experiment to see if I could add a bit of feedline (10') to the previous antenna I used that was (apparently) very efficient. The old antenna was the 34 end fed wire with 15 ft counterpoise on ground. The "Lambda" antenna is just the same 34+15=49 ft antenna with a 10 foot parallel wire feedling (say 100 to 120 ohm) feedline added that allows the feed point to either stay on the ground or be hoisted up to give the counterpoise a bit of elevation. (It works either way.)

Yes, I think of this like an OCF antenna too. In round numbers, the 49 ft conductor is 0.7wave, 0.5 wave or 0.35 wave depending on band 20/30/40 meters and the feed is set at about 30% of the total conductor length. I do understand, but am still studying, the impedance mismatch and radiation from feedline. Unequal currents are likely flowing in the feedline and it is likely radiating as part of the system. But it seems the BLT works, and antenna is efficient enough to make contacts at 5 W power level. I am still trying different configurations - Thomas Edison style. No computer modeling yet.

Oh, yes the zip cord would work I think. My wire is the stuff they sell in 500 ft spools for underground dog fence. 20 Ga, solid, HDPE insulation, UV resistant. I also used this wire for 300 ft loop. It is cheap, light and durable. (You might note a little flat black paint on part of the wire, left over from earlier stealth antenna experiment.)

73
de Lynn/ NG9D

-----Original Message-----
From: Ed - K9EW <k9ew57@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Sep 5, 2011 9:30 am
Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

Hi Lynn,

Is the Lambda antenna your idea, or something you saw?

Did you model it, or was it an empirical development?

It looks a lot like an Off-Center Fed Dipole, fed with a 10-foot transmission line that has a wide range of possible impedances that transforms the antenna impedance to something the PFR-3 can match.

Can you tell us more about how the antenna was developed?

tnx es 73,
ed - k9ew

On Sun, Sep 4, 2011 at 7:19 AM, <lahagar1@aol.com> wrote:

Hi Guys,

Here is another antenna for PFR-3A -- "Lambda" antenna has a short homebrew feeder. It requires no soldering and works well on all three bands.

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NG9D

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73,
Lynn
NG9D

3135. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-06 13:12:18 UTC
From: Ed - K9EW
Topic: 3074 Message: 3135

>
> This has been a great discussion of the PFR-3 Lambda antenna. Lynn has
> devoted a lot of time to its development, and Steve's EZNEC analysis
> provides us with a good description of the operation of the antenna.
>

> Note that - whether you call it an Off-Center Fed Dipole, or an
> Off-Center Fed Sloper, or a Vertical with one (or two) counterpoises - the
> radiation pattern is essentially that of a vertical... more or less
> omni-directional. Lynn's Tuning Chart is a good reference for the impedance
> matching settings. It's definitely an easy antenna to take along, and easy
> to deploy.
>

Thanks for posting this Lynn. This is what makes these reflectors so
valuable.

73,
ed - k9ew

> MARKETPLACE
> A bad score is 598. A bad idea is not checking yours, at
> freecreditscore.com.<http://global.ard.yahoo.com/SIG=15ojkg10u/M=791726.14847541.14590405.10835568/D=groups/S=1705063108:MKP1/Y=YAHOO/EXP=1315284246/L=16fcb5e0-d832-11e0-8c6d-1343133bddc3/B=jah8Ptj8fXY-/J=1315277046680401/K=nFyrDpPGLsABxa.6HwLhUg/A=6449876/R=0/SIG=130kfcsn4/*http://www.freecreditscore.com/dni/default.aspx?SiteVersionID=997&sc=671020&bcd=YGROUPS_Bad598>
> ------------------------------
>
> Stay on top of your group activity without leaving the page you're on - Get
> the Yahoo! Toolbar now.<http://global.ard.yahoo.com/SIG=15oj9nhl8/M=493064.14543979.14562481.13298430/D=groups/S=1705063108:MKP1/Y=YAHOO/EXP=1315284246/L=16fcb5e0-d832-11e0-8c6d-1343133bddc3/B=jqh8Ptj8fXY-/J=1315277046680401/K=nFyrDpPGLsABxa.6HwLhUg/A=6060255/R=0/SIG=1194m4keh/*http://us.toolbar.yahoo.com/?.cpdl=grpj>
> [image: Yahoo! Groups]<http://groups.yahoo.com/;_ylc=X3oDMTJldGhybHFpBF9TAzk3NDc2NTkwBGdycElkAzIyNDExNzc2BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTMxNTI3NzA0Ng-->
> Switch to: Text-Only<pfr3_group-traditional@yahoogroups.com?subject=Change+Delivery+Format:+Traditional>,
> Daily Digest<pfr3_group-digest@yahoogroups.com?subject=Email+Delivery:+Digest>•
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> .
>
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>

3136. Question for Lynn, NG9D

Yahoo group: pfr3_group
Date: 2011-09-06 21:56:41 UTC
From: k6mgo@verizon.net
Topic: 3136 Message: 3136

Hi Lynn, from watching your video's, it appears you are using the PFR3 with internal batteries. Was wondering what batteries you use, and how much power out you get.

Reason I ask is, I know if I get NiMH cells, they only have 1.2V per cell, which is 9.6V for the eight of them. If I use AA dry cells, I can get 1.5V per cell or 12V for the eight. Which is what I'm doing now. However that is a tad expensive, and not very "green".

I can operate my PFR3, from a 12V, 5 Ah SLA battery I have,but I really like the idea of using it self-contained.

With the 12V SLA, I get 5.0 watts out on 40m, 4.9 watts out on 30m and about 4.7 watts out on 20m. And with the AA dry cells, I get almost the same power out, within a few tenths from fresh cells.

Just curious, as to what you are doing?

Tnx. & 73

Bill, k6mgo

3137. Re: [pfr3_group] Question for Lynn, NG9D

Yahoo group: pfr3_group
Date: 2011-09-07 01:08:07 UTC
From: lahagar1@aol.com
Topic: 3136 Message: 3137

Hi Bill,

Yes, I agree the rechargeable internal batteries are the way to go. Light and less items to carry. I use Energizer 2300 mA-hr Nickel Metal Hydride AA batteries for the PFR 3A. The 8-AA internal batteries seem to out-last me. I keep a spare set of 8-AA charged up and change them periodically. I have been changing them about every other week lately, so if they are good for several hundred charge cycles they are going to last a long time, and much better than alkalines wrt cost and our ecology I think.

I have a couple of 4xAA Energizer re-chargers with battery compartment that slides in and AC plug that folds on a hinge so they become 3x3.5x1.25" that are compact for travelling. These particular chargers charge very fast compared to my old charger. I don't know if the rapid charging is more harmful to the batteries, but it sure is convenient. I can recharge same day, with old charger I had to charge overnight.

For power output, I only checked that on a T1202 which is also a kit. In retrospect, I recall that when I built the T1202 I calibrated it based on the power output meter on the IC 703. I don't claim it is very precise, and so the 5W I measured on the PFR 3A with the internal batteries might have been off somewhat. Anyway, the power output was about the same on all three bands and I am having an absolute blast with it!

73,
Lynn
NG9D

-----Original Message-----
From: k6mgo@verizon.net <k6mgo@...>
To: pfr3_group@yahoogroups.com
Sent: Tue, Sep 6, 2011 4:56 pm
Subject: [pfr3_group] Question for Lynn, NG9D

Hi Lynn, from watching your video's, it appears you are using the PFR3 with internal batteries. Was wondering what batteries you use, and how much power out you get.

Reason I ask is, I know if I get NiMH cells, they only have 1.2V per cell, which is 9.6V for the eight of them. If I use AA dry cells, I can get 1.5V per cell or 12V for the eight. Which is what I'm doing now. However that is a tad expensive, and not very "green".

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Just curious, as to what you are doing?

Tnx. & 73

Bill, k6mgo

3138. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-07 21:28:37 UTC
From: f6ddv
Topic: 3074 Message: 3138

Good evening everyone
This is the principle of the most interesting antenna for QRP expeditions I've seen in months.
Do you think the power 1 / 3 of the total length is best for the impedance and the possibility for 20m 30m and 40m?
Do I understand that the feeder being twisted a little is better than a line with a parallel cable for speaker?
73s
F6DDV

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Monday, September 05, 2011 5:46 PM
Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

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de Lynn/ NG9D

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To: pfr3_group@yahoogroups.com
Sent: Mon, Sep 5, 2011 9:30 am
Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

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NG9D

3139. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-08 01:51:47 UTC
From: lahagar1@aol.com
Topic: 3074 Message: 3139

Hi JP,

Feeding at 33% or 30% from the bottom probably doesn't matter, since the BLT has wide range and difference is small. So say ~15m overall length antenna, fed off-center about 4.5 to 5m from bottom end. Maybe 3m transmission line could be extended a bit, depends how hight the antenna can be positioned. Thanks for the idea, I will try it!

I used semi-twisted pair line to also feed the 50 ft (~15m) doublet / inverted V and it worked fine with the PFR-3A too. That antenna also tuned on all three bands. I have not tried zip cord. All three PFR -3 antennas I have tried so far use an antenna element overall length of roughly 50 feet (~15m) total. Each of the antennas can be tuned to flat SWR (dark LED indicator) on the PFR-3A on all three bands, 40, 30 and 20 meters. The parameters I have varied with these antennas and progression of testing so far is:

Antenna test number

1

2A

2B

3A

3B

3C

Total length of antenna conductor, approximate

15 m

15. m

15. m

15 m

15 m

15 m

Feed point location from end

30%

50%

50%

30%

30%

30%

Height of feedpoint

0

4m

4m

0

2.4m

3m

Transmission line length, semi-twisted pair; 20 ga.

0

15m
excess wound up
loosely

15m
stretched out

3m

3m

3m

Position of antenna elements

10.4m vertical,
4.6m flat on ground (counterpoise)

~horizontal, semi invert-V

~inverted-V
also ant. & feedline formed triangle guys for mast

10.4m ~vertical,
4.6m on ground

10.4m+2.4m =12.8m ~vertical,
2.2m flat on ground

10.4m ~vertical,
4.6m sloping with end ~1m above ground

Type

vertical

doublet

doublet

λ-antenna

λ-antenna

λ-antenna

73,

Lynn/NG9D

-----Original Message-----
From: f6ddv <f6ddv@...>
To: pfr3_group@yahoogroups.com
Sent: Wed, Sep 7, 2011 4:28 pm
Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

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From: lahagar1@...
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3140. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-09 16:15:15 UTC
From: f6ddv
Topic: 3074 Message: 3140

It's a good job Lynn
I think seriously about changing my antenna Levy which is fed to the center, because I think that this mode can give better results
in multi - band and that the impedance can be better than the center line for the descent parallel.
The impedance is quite high on some bands with a power center.
I know that the currents will not be out of phase, but you just have to do the right thing at the bottom with processors with coils or torroids
or binoculars, maybe there will be nothing to change and it works better ...
73s
J Paul F6DDV

----- Original Message -----
From: lahagar1@...
To: pfr3_group@yahoogroups.com
Sent: Thursday, September 08, 2011 3:51 AM
Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

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Antenna test number 1 2A 2B 3A 3B 3C
Total length of antenna conductor, approximate 15 m 15. m 15. m 15 m 15 m 15 m
Feed point location from end 30% 50% 50% 30% 30% 30%
Height of feedpoint 0 4m 4m 0 2.4m 3m
Transmission line length, semi-twisted pair; 20 ga. 0 15m
excess wound up
loosely 15m
stretched out 3m 3m 3m
Position of antenna elements 10.4m vertical,
4.6m flat on ground (counterpoise) ~horizontal, semi invert-V
~inverted-V
also ant. & feedline formed triangle guys for mast 10.4m ~vertical,
4.6m on ground 10.4m+2.4m =12.8m ~vertical,
2.2m flat on ground 10.4m ~vertical,

4.6m sloping with end ~1m above ground
Type vertical doublet doublet λ-antenna λ-antenna λ-antenna

73,

Lynn/NG9D

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Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

Hi Ed,

This is my third purpose built PFR-3A antenna and is basically just an experiment to see if I could add a bit of feedline (10') to the previous antenna I used that was (apparently) very efficient. The old antenna was the 34 end fed wire with 15 ft counterpoise on ground. The "Lambda" antenna is just the same 34+15=49 ft antenna with a 10 foot parallel wire feedling (say 100 to 120 ohm) feedline added that allows the feed point to either stay on the ground or be hoisted up to give the counterpoise a bit of elevation. (It works either way.)

Yes, I think of this like an OCF antenna too. In round numbers, the 49 ft conductor is 0.7wave, 0.5 wave or 0.35 wave depending on band 20/30/40 meters and the feed is set at about 30% of the total conductor length. I do understand, but am still studying, the impedance mismatch and radiation from feedline. Unequal currents are likely flowing in the feedline and it is likely radiating as part of the system. But it seems the BLT works, and antenna is efficient enough to make contacts at 5 W power level. I am still trying different configurations - Thomas Edison style. No computer modeling yet.

Oh, yes the zip cord would work I think. My wire is the stuff they sell in 500 ft spools for underground dog fence. 20 Ga, solid, HDPE insulation, UV resistant. I also used this wire for 300 ft loop. It is cheap, light and durable. (You might note a little flat black paint on part of the wire, left over from earlier stealth antenna experiment.)

73
de Lynn/ NG9D

-----Original Message-----
From: Ed - K9EW <k9ew57@...>
To: pfr3_group@yahoogroups.com
Sent: Mon, Sep 5, 2011 9:30 am
Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

Hi Lynn,

Is the Lambda antenna your idea, or something you saw?

Did you model it, or was it an empirical development?

It looks a lot like an Off-Center Fed Dipole, fed with a 10-foot transmission line that has a wide range of possible impedances that transforms the antenna impedance to something the PFR-3 can match.

Can you tell us more about how the antenna was developed?

tnx es 73,
ed - k9ew

On Sun, Sep 4, 2011 at 7:19 AM, <lahagar1@...> wrote:

Hi Guys,

Here is another antenna for PFR-3A -- "Lambda" antenna has a short homebrew feeder. It requires no soldering and works well on all three bands.

http://www.youtube.com/user/NG9D#p/u/12/VXo0XucRpt0

73,
Lynn
NG9D

3141. Using PFR with a Straight Key

Yahoo group: pfr3_group
Date: 2011-09-13 16:05:30 UTC
From: Stan ae0sl
Topic: 3141 Message: 3141

I am considering buying a PFR3 for portable QRP operation. Can you disable the keyer to use a straight key or bug for SKCC operation?

3142. RE: [pfr3_group] Using PFR with a Straight Key

Yahoo group: pfr3_group
Date: 2011-09-13 16:11:01 UTC
From: Dale Putnam
Topic: 3141 Message: 3142

Yes, all you need do is plug in a key with a mono plug. The keyer is disabled, and the radio responds to a manual key, just fine.Good luck,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: ae0sl@radioham.org
Date: Tue, 13 Sep 2011 16:05:30 +0000
Subject: [pfr3_group] Using PFR with a Straight Key

I am considering buying a PFR3 for portable QRP operation. Can you disable the keyer to use a straight key or bug for SKCC operation?

3143. Re: Using PFR with a Straight Key

Yahoo group: pfr3_group
Date: 2011-09-13 19:40:48 UTC
From: Stan ae0sl
Topic: 3141 Message: 3143

Also, is the key jack a 1/8" stereo jack or a 1/4" stereo jack. The parts list just says "stereo jacks". I assume it is 1/8", but I hate to assume anything.

--- In pfr3_group@yahoogroups.com, "Stan ae0sl" <ae0sl@...> wrote:
>
> I am considering buying a PFR3 for portable QRP operation. Can you disable the keyer to use a straight key or bug for SKCC operation?
>

3144. Re: [pfr3_group] Using PFR with a Straight Key

Yahoo group: pfr3_group
Date: 2011-09-13 20:26:31 UTC
From: f6ddv
Topic: 3141 Message: 3144

Yes Stan
if a mono jacq is used , vhen you put in work, the pfr3 can run in simple key condition, no problem, the soft is ok for this
73s
jean paul F6DDV
----- Original Message -----
From: Stan ae0sl
To: pfr3_group@yahoogroups.com
Sent: Tuesday, September 13, 2011 6:05 PM
Subject: [pfr3_group] Using PFR with a Straight Key

I am considering buying a PFR3 for portable QRP operation. Can you disable the keyer to use a straight key or bug for SKCC operation?

3145. Re: [pfr3_group] Re: Using PFR with a Straight Key

Yahoo group: pfr3_group
Date: 2011-09-13 20:29:16 UTC
From: Steve Smith
Topic: 3141 Message: 3145

They are actually 3.5 mm which is .137", "stereo" (3-conductor) jacks.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Stan ae0sl" <ae0sl@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Using PFR with a Straight Key
Date: Tue, 13 Sep 2011 19:40:48 -0000

Also, is the key jack a 1/8" stereo jack or a 1/4" stereo jack. The parts list just says "stereo jacks". I assume it is 1/8", but I hate to assume anything.

3146. RE: [pfr3_group] Re: Using PFR with a Straight Key

Yahoo group: pfr3_group
Date: 2011-09-13 22:10:27 UTC
From: Dale Putnam
Topic: 3141 Message: 3146

The jack is an 1/8 in stereo jack, and if you want to use a straight key, you must use a mono plug, then turn the power on to allow the keyer to be diasabled in the PFR3.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: ae0sl@...
Date: Tue, 13 Sep 2011 19:40:48 +0000
Subject: [pfr3_group] Re: Using PFR with a Straight Key

Also, is the key jack a 1/8" stereo jack or a 1/4" stereo jack. The parts list just says "stereo jacks". I assume it is 1/8", but I hate to assume anything.

--- In pfr3_group@yahoogroups.com, "Stan ae0sl" <ae0sl@...> wrote:

>

> I am considering buying a PFR3 for portable QRP operation. Can you disable the keyer to use a straight key or bug for SKCC operation?

>

3147. Re: Using PFR with a Straight Key

Yahoo group: pfr3_group
Date: 2011-09-13 22:24:04 UTC
From: sigcom1
Topic: 3141 Message: 3147

Or use a "stereo" plug with the 'ring' and 'sleeve' terminals connected together. With that setup the straight key will also work fine in a "mono" jack.

73.......Steve Smith WB6TNL

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> The jack is an 1/8 in stereo jack, and if you want to use a straight key, you must use a mono plug, then turn the power on to allow the keyer to be diasabled in the PFR3.

3148. Use of Balance Tuner with PFR3

Yahoo group: pfr3_group
Date: 2011-09-14 03:27:11 UTC
From: Stan ae0sl
Topic: 3148 Message: 3148

I am in the planning stages of fielding a PFR3, so pardon my questions.

I have a 70' dipole fed with ladder line that I have previously used for portable operation with some QRO rigs. How effective is the tuner built into the PFR3? If I connect the ladder line directly to rig, should I expect it to be able to make a good match with this antenna on all three bands?

3149. Re: [pfr3_group] Use of Balance Tuner with PFR3

Yahoo group: pfr3_group
Date: 2011-09-14 04:09:21 UTC
From: Steve Smith
Topic: 3148 Message: 3149

Hi Stan,

That all depends upon your definition of "effective". If you mean wide range, can transform practically any load to 50 Ohms resistive over a wide range of frequencies, then no, it's not effective. However, it wasn't designed to do that.

The tuner in the PFR-3 is based upon the NorCal "BLT" tuner designed by Charlie "The Tuner" Lofgren, W6JJZ which is a modification of his Z-Match design. The typical range the BLT can transform to 50 Ohms is from about 25 to 500 Ohms, more or less depending upon what reactance appears at the radio end of the antenna feedline. It had to fit inside the PFR-3 and transform a reasonable range of impedance over 3 bands using either balanced feeders, end-fed wires or coaxial cable fed antennas. And for that it does a more than satisfactory job.

Will it work with the antenna you describe? That all depends upon what the impedance is at your antenna's feedpoint and the length of your feeder at a particular frequency of interest.

The resulting performance is more dependent upon things like antenna height above ground, configuration (Vertical, horizontal doublet, L, V, sloper, etc.), surrounding objects, feedline loss and so on. There are things that you can do to any antenna to 'make it play' with the PFR3A.

I would suggest simply setting up your antenna in a field-like environment and see how it performs. Be forwarned that the tuner in the PFR3 is touchy to adjust. This is typical of Z-match tuners in general, not a fault of the PFR3.

Best of luck with your little yellow box.

73.......Steve Smith WB6TNL

3150. RE: [pfr3_group] Use of Balance Tuner with PFR3

Yahoo group: pfr3_group
Date: 2011-09-14 04:15:14 UTC
From: Jerry Haigwood
Topic: 3148 Message: 3150
Attachments: 2 described; binary payloads are missing from this source WARC

Steve,

A very nice explanation to a complex subject!

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steve Smith
Sent: Tuesday, September 13, 2011 11:09 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Use of Balance Tuner with PFR3

Hi Stan,

That all depends upon your definition of "effective". If you mean wide range, can transform practically any load to 50 Ohms resistive over a wide range of frequencies, then no, it's not effective. However, it wasn't designed to do that.

The tuner in the PFR-3 is based upon the NorCal "BLT" tuner designed by Charlie "The Tuner" Lofgren, W6JJZ which is a modification of his Z-Match design. The typical range the BLT can transform to 50 Ohms is from about 25 to 500 Ohms, more or less depending upon what reactance appears at the radio end of the antenna feedline. It had to fit inside the PFR-3 and transform a reasonable range of impedance over 3 bands using either balanced feeders, end-fed wires or coaxial cable fed antennas. And for that it does a more than satisfactory job.

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The resulting performance is more dependent upon things like antenna height above ground, configuration (Vertical, horizontal doublet, L, V, sloper, etc.), surrounding objects, feedline loss and so on. There are things that you can do to any antenna to 'make it play' with the PFR3A.

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Best of luck with your little yellow box.

73.......Steve Smith WB6TNL

3151. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-14 11:16:20 UTC
From: lahagar1@aol.com
Topic: 3074 Message: 3151

Ed,

Thank you. I like your description of the Lambda Antenna: "Off-Center Fed Dipole, or an Off-Center Fed Sloper, or a Vertical with one (or two) counterpoises - the radiation pattern is essentially that of a vertical."

I was thinking about the tuning of this antenna with the PFR-3A BLT. It works great on 40m, but I admit feeling a bit like a "safe-cracker" on 30m and 20m. Once tuned however, the BLT worked fine.

However, I was curious why this antenna tuned the way it did with the BLT, so decided to try the "Lambda" antenna with external L-Network tuners and various transceivers.

Conclusion: The L-tuner works well matching the "Lambda" antenna to HF rigs. Summarized in 7 minute video, here are the results for a home-brew L-tuner used with PFR-3A and Ten Tec T1300s, and an MFJ 16010 tuner used with ICOM 703:

http://www.youtube.com/user/NG9D?feature=mhee#p/u/12/zGkC321Cwl8

73,
Lynn
NG9D

-----Original Message-----
From: Ed - K9EW <k9ew57@gmail.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Sep 6, 2011 8:12 am
Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3

This has been a great discussion of the PFR-3 Lambda antenna. Lynn has devoted a lot of time to its development, and Steve's EZNEC analysis provides us with a good description of the operation of the antenna.

Note that - whether you call it an Off-Center Fed Dipole, or an Off-Center Fed Sloper, or a Vertical with one (or two) counterpoises - the radiation pattern is essentially that of a vertical... more or less omni-directional. Lynn's Tuning Chart is a good reference for the impedance matching settings. It's definitely an easy antenna to take along, and easy to deploy.

Thanks for posting this Lynn. This is what makes these reflectors so valuable.

73,
ed - k9ew

MARKETPLACE

A bad score is 598. A bad idea is not checking yours, at freecreditscore.com.

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.

3152. experiment with different power supplies.

Yahoo group: pfr3_group
Date: 2011-09-14 21:35:22 UTC
From: k6mgo@verizon.net
Topic: 3152 Message: 3152

I have been very curious as to the effect of different power sources had on power output from my PFR3, so I ran some tests and here are the results I got.

Power output, with unit on 12V, 5 AH SLA battery. PO measured by measuring rectified voltage across 50 ohm dummy load and calculating power output by standard formula's.

40m= 4.6 watts
30m= 4.8 watts
20m= 4.6 watts

Power output, with unit using 8, Duracell copper top dry cells, @1.5V ea. Note, batteries were used over an hour, not new. so read 11.67V with Receiver on.

40m= 3.8 watts
30m= 4.0 watts
20m= 3.8 watts

Now I didn't have any rechargeable cells available, so I adjusted my MFJ power supply to 9.6 volts out, and took measurements with that.

40m= 2.8 watts
30m= 2.1 watts
20m= 2.8 watts

So, you can see that even fully charged NiMH batteries would not equal what I'm getting from AA dry cells that have been used for a while.

Next, I was wondering what the drop across the battery holder is under full load. I'm sure this can vary a lot, and more so when the holder gets older. Mine is new.

My measurement might not be strictly Kosher here, because rather than measure each cell and add them to get the voltage of all 8 cells, I measured one cell and multiplied by "8" to get the before holder voltage. But, I'm figuring"it's close enough for government work".

PFR3 running on internal AA dry cells, into a dummy load, voltage at unit is 10.78V and calculated as above, across batteries, 11.04, when transmitting into dummy load, so looks like the holder is only dropping 260mv which is not bad, and still giving better voltage to the unit than rechargeable cells would.

Hope this helps or is of interest to a few of you.

73, Bill, k6mgo

3153. Re: experiment with different power supplies.

Yahoo group: pfr3_group
Date: 2011-09-14 22:48:07 UTC
From: Grant
Topic: 3152 Message: 3153

Hi Bill, I have also tried two different power supplies and received 'interesting' results. When using a regulated 13.8V PS with five diodes in the positive lead to drop the voltage to about 12.2V, I get just about 5W out on all bands, as read by the power meter on my MFJ-941E. I then bought a variable DC power supply, an ATTEN APS1502D (0-15V, 2A) I now get about 9W out on all bands as read by the same power meter. I have checked the output voltage with a DVM which reads 11.96V (as opposed to the 12V on the PS digital readout). Anyway, I have a great qso with the rig in this power configuration with a Russian station. Coming from VKland, I was thrilled. He gave me a 559 too.

3154. Re: [pfr3_group] "Lambda" Antenna for PFR-3

Yahoo group: pfr3_group
Date: 2011-09-14 23:53:37 UTC
From: Ed - K9EW
Topic: 3074 Message: 3154

Nice video, Lynn. It looks like the L-Network is much easier to tune than
the one in the PFR-3, is that the case?
If so, the "safe-cracker" tuning method must be the result of making the
impedance matching network a dual-purpose (balanced / unbalanced) network
that will handle both high and low impedance loads.

Your L-C matching network might turn into a useful mod for the PFR-3. While
the PFR-3 *will* match a variety of balanced and unbalanced loads, there
have always been remarks about how touchy the tuning is. You may have found
the solution for unbalanced loads.

73,
ed - k9ew

On Wed, Sep 14, 2011 at 6:16 AM, <lahagar1@...> wrote:

> **
>
>
> Ed,
>
> Thank you. I like your description of the Lambda Antenna: "Off-Center Fed
> Dipole, or an Off-Center Fed Sloper, or a Vertical with one (or two)
> counterpoises - the radiation pattern is essentially that of a vertical."
>
> I was thinking about the tuning of this antenna with the PFR-3A BLT. It
> works great on 40m, but I admit feeling a bit like a "safe-cracker" on 30m
> and 20m. Once tuned however, the BLT worked fine.
>
> However, I was curious why this antenna tuned the way it did with the BLT,
> so decided to try the "Lambda" antenna with external L-Network tuners and
> various transceivers.
>
> Conclusion: The L-tuner works well matching the "Lambda" antenna to HF
> rigs. Summarized in 7 minute video, here are the results for a home-brew
> L-tuner used with PFR-3A and Ten Tec T1300s, and an MFJ 16010 tuner used
> with ICOM 703:
>
> http://www.youtube.com/user/NG9D?feature=mhee#p/u/12/zGkC321Cwl8
>
>
> 73,
> Lynn
> NG9D
>
> -----Original Message-----

> From: Ed - K9EW <k9ew57@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Tue, Sep 6, 2011 8:12 am
> Subject: Re: [pfr3_group] "Lambda" Antenna for PFR-3
>
>
>
>> This has been a great discussion of the PFR-3 Lambda antenna. Lynn has
>> devoted a lot of time to its development, and Steve's EZNEC analysis
>> provides us with a good description of the operation of the antenna.
>>
>
>
>> Note that - whether you call it an Off-Center Fed Dipole, or an
>> Off-Center Fed Sloper, or a Vertical with one (or two) counterpoises - the
>> radiation pattern is essentially that of a vertical... more or less
>> omni-directional. Lynn's Tuning Chart is a good reference for the impedance
>> matching settings. It's definitely an easy antenna to take along, and easy
>> to deploy.
>>
>
> Thanks for posting this Lynn. This is what makes these reflectors so
> valuable.
>
> 73,
> ed - k9ew
>
>
>> MARKETPLACE
>> A bad score is 598. A bad idea is not checking yours, at
>> freecreditscore.com.<http://global.ard.yahoo.com/SIG=15ojkg10u/M=791726.14847541.14590405.10835568/D=groups/S=1705063108:MKP1/Y=YAHOO/EXP=1315284246/L=16fcb5e0-d832-11e0-8c6d-1343133bddc3/B=jah8Ptj8fXY-/J=1315277046680401/K=nFyrDpPGLsABxa.6HwLhUg/A=6449876/R=0/SIG=130kfcsn4/*http://www.freecreditscore.com/dni/default.aspx?SiteVersionID=997&sc=671020&bcd=YGROUPS_Bad598>
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3155. Case thumb screws...a question...

Yahoo group: pfr3_group
Date: 2011-09-18 04:20:16 UTC
From: John Farmer
Topic: 3155 Message: 3155

Hi All,

I've been lurking here for quite while reading all your informative posts and today, I've just started building my PFR3. Smoke test at the end of build part 1 has gone OK, so it's on with the rest.

The kit was missing the decal sheet and both the red and black binding posts had damaged threads. But other that those minor issues, the kit was complete. Doug is sending out replacements.

I have a question about the black thumbscrews that hold the case together. I'm going to try to source some extras and don't know their details. I'm guessing they're an imperial size, but I'm not sure. Anyone know the size of these?

Looking forward to moving on with part 2.

73,
John
VK7JB

3156. Re: Case thumb screws...a question...

Yahoo group: pfr3_group
Date: 2011-09-18 22:43:33 UTC
From: Grant
Topic: 3155 Message: 3156

Hi John, are they not quarter inch, 4-40 screws?

I have used the ones that came with the kit and they work fb. So too does the rig, I might add. Great performer. I recently had a qso with a Russian station. He couldn't believe I was only 5W on 20m.

Regards
Grant VK4JAZ

3157. Re: Case thumb screws...a question...

Yahoo group: pfr3_group
Date: 2011-09-19 08:18:24 UTC
From: John Farmer
Topic: 3155 Message: 3157

Hi Grant,

Well, in fact - I think you might be right! :) I was after a few spares to add to the kit for the day when I lose one or two. It's certain that will happen, so I wanted to be prepared. Anyway, it's all sorted out.

The PFR3 build is progressing well so far. I'm having a lot of fun. I love building kits. I built a Weber Dualbander a couple of years ago and that was a great little rig too. I love the audio on Steve's rigs. My CW skills are not flash, but I'm improving and this will make sure I unplug the mic for a while and get working some CW QRP to make the most of these sunspots we're having!

73,
John
VK7JB
--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
>
> Hi John, are they not quarter inch, 4-40 screws?
>
> I have used the ones that came with the kit and they work fb. So too does the rig, I might add. Great performer. I recently had a qso with a Russian station. He couldn't believe I was only 5W on 20m.
>
> Regards
> Grant VK4JAZ
>

3158. C17 position in Group 2 mods- instructions and schematic differ...

Yahoo group: pfr3_group
Date: 2011-09-19 12:11:16 UTC
From: John Farmer
Topic: 3158 Message: 3158

Hi All,

I'm doing the Group 2 mods, p 9 of the manual, which eliminate the display noise from the receiver audio.

In step 2 of these mods, the instructions and the photo on that page describe installation of a 470pf disc cap between pins 3 & 4 of U3 on the bottom of the board. This is designated C17.

Problem is, when I look at the schematic, C17 is shown between pin 5 of U3 and ground, which is pin 4.

So the instructions and the schematic describe different placement of this cap.

So...which is correct, I'm wondering? What did Steve intend?

Thanks for any advice,

John
VK7JB

3159. Re: C17 position in Group 2 mods- instructions and schematic differ...

Yahoo group: pfr3_group
Date: 2011-09-19 12:57:07 UTC
From: John Farmer
Topic: 3158 Message: 3159

Answering my own question here - sorry!

I had a careful look at the board. I think the intention of C17 is to bypass R7, just as R6 is bypassed. So, that would mean that the pin numbers on the schematic are incorrect, but the instructions on page 9 are indeed correct.

I think that's right? I hope I'll hear if I'm not. :)

John
VK7JB
--- In pfr3_group@...m, "John Farmer" <zendoc@...> wrote:
>
> Hi All,
>
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>
> In step 2 of these mods, the instructions and the photo on that page describe installation of a 470pf disc cap between pins 3 & 4 of U3 on the bottom of the board. This is designated C17.
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>
> So the instructions and the schematic describe different placement of this cap.
>
> So...which is correct, I'm wondering? What did Steve intend?
>
> Thanks for any advice,
>
> John
> VK7JB
>

3160. RE: [pfr3_group] Re: C17 position in Group 2 mods- instructions and schematic differ...

Yahoo group: pfr3_group
Date: 2011-09-19 13:34:25 UTC
From: Dale Putnam
Topic: 3158 Message: 3160

Hi John, That is correct. The written instructions are correct. The schematic needs correcting.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: zendoc@...
Date: Mon, 19 Sep 2011 12:57:07 +0000
Subject: [pfr3_group] Re: C17 position in Group 2 mods- instructions and schematic differ...

Answering my own question here - sorry!

I had a careful look at the board. I think the intention of C17 is to bypass R7, just as R6 is bypassed. So, that would mean that the pin numbers on the schematic are incorrect, but the instructions on page 9 are indeed correct.

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John

VK7JB

--- In pfr3_group@yahoogroups.com, "John Farmer" <zendoc@...> wrote:

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> Hi All,

>

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> In step 2 of these mods, the instructions and the photo on that page describe installation of a 470pf disc cap between pins 3 & 4 of U3 on the bottom of the board. This is designated C17.

>

> Problem is, when I look at the schematic, C17 is shown between pin 5 of U3 and ground, which is pin 4.

>

> So the instructions and the schematic describe different placement of this cap.

>

> So...which is correct, I'm wondering? What did Steve intend?

>

> Thanks for any advice,

>

> John

> VK7JB

>

3161. Re: Case thumb screws...a question...

Yahoo group: pfr3_group
Date: 2011-09-19 14:22:22 UTC
From: Ren
Topic: 3155 Message: 3161

They are 4-40 screws.
Ren
KG4BAS

--- In pfr3_group@yahoogroups.com, "John Farmer" <zendoc@...> wrote:
>
> Hi All,
>
> I've been lurking here for quite while reading all your informative posts and today, I've just started building my PFR3. Smoke test at the end of build part 1 has gone OK, so it's on with the rest.
>
> The kit was missing the decal sheet and both the red and black binding posts had damaged threads. But other that those minor issues, the kit was complete. Doug is sending out replacements.
>
> I have a question about the black thumbscrews that hold the case together. I'm going to try to source some extras and don't know their details. I'm guessing they're an imperial size, but I'm not sure. Anyone know the size of these?
>
> Looking forward to moving on with part 2.
>
> 73,
> John
> VK7JB
>

3162. Re: C17 position in Group 2 mods- instructions and schematic differ...

Yahoo group: pfr3_group
Date: 2011-09-19 21:41:51 UTC
From: John Farmer
Topic: 3158 Message: 3162

Thanks for confirming that Dale. I could see that once I traced the circuit on the board.

John
VK7JB

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi John, That is correct. The written instructions are correct. The schematic needs correcting.
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: zendoc@...
> Date: Mon, 19 Sep 2011 12:57:07 +0000
> Subject: [pfr3_group] Re: C17 position in Group 2 mods- instructions and schematic differ...
>
>
>

>
>
>
> Answering my own question here - sorry!
>
>
>
> I had a careful look at the board. I think the intention of C17 is to bypass R7, just as R6 is bypassed. So, that would mean that the pin numbers on the schematic are incorrect, but the instructions on page 9 are indeed correct.
>
>
>
> I think that's right? I hope I'll hear if I'm not. :)
>
>
>
> John
>
> VK7JB
>
> --- In pfr3_group@yahoogroups.com, "John Farmer" <zendoc@> wrote:
>
> >
>
> > Hi All,
>
> >
>
> > I'm doing the Group 2 mods, p 9 of the manual, which eliminate the display noise from the receiver audio.
>
> >
>
> > In step 2 of these mods, the instructions and the photo on that page describe installation of a 470pf disc cap between pins 3 & 4 of U3 on the bottom of the board. This is designated C17.
>
> >
>
> > Problem is, when I look at the schematic, C17 is shown between pin 5 of U3 and ground, which is pin 4.
>
> >
>
> > So the instructions and the schematic describe different placement of this cap.
>
> >
>
> > So...which is correct, I'm wondering? What did Steve intend?

>
> >
>
> > Thanks for any advice,
>
> >
>
> > John
>
> > VK7JB
>
> >
>

3163. Re: Case thumb screws...a question...

Yahoo group: pfr3_group
Date: 2011-09-19 23:22:17 UTC
From: Grant
Topic: 3155 Message: 3163

Hi John,

You can read about my experiences with building the PFR-3 on my blog
http://vk4jaz.wordpress.com/

I also have a DC40A, one of Steve's and it has to be one of my favourite arp rigs. Great receive sound. I am soon to make a new enclosure for it.

Regards
Grant
VK4JAZ
--- In pfr3_group@yahoogroups.com, "John Farmer" <zendoc@...> wrote:
>
>
> Hi Grant,
>
> Well, in fact - I think you might be right! :) I was after a few spares to add to the kit for the day when I lose one or two. It's certain that will happen, so I wanted to be prepared. Anyway, it's all sorted out.
>
> The PFR3 build is progressing well so far. I'm having a lot of fun. I love building kits. I built a Weber Dualbander a couple of years ago and that was a great little rig too. I love the audio on Steve's rigs. My CW skills are not flash, but I'm improving and this will make sure I unplug the mic for a while and get working some CW QRP to make the most of these sunspots we're having!
>
> 73,
> John
> VK7JB
> --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> >
> >
> > Hi John, are they not quarter inch, 4-40 screws?
> >
> > I have used the ones that came with the kit and they work fb. So too does the rig, I might add. Great performer. I recently had a qso with a Russian station. He couldn't believe I was only 5W on 20m.
> >
> > Regards
> > Grant VK4JAZ
> >
>

3164. Fox extravaganza

Yahoo group: pfr3_group
Date: 2011-09-20 00:42:36 UTC
From: Dale Putnam
Topic: 3164 Message: 3164

With the solar numbers so high, and the soft breezes through the flores cent colors, the committee has negotiated with the Game Warden, making a wonderful deal for each of us, Hounds and Foxii, Fox Hunt entrodinaires that we are!! With no snow to hinder and not a hint of cold.... Well not much, the faint sound of falling leaves is about to be drowned by the pounding of many furry feet in hot pursuit of this summer's seasoned foxii fleetingly bounding down the trails of the 20 acre wood.

Now the straight (really) info:
Next Thursday, with the edges blurred a bit to allow a little more wiggle room, promptly starting at 0100z or 7pm MT whichever occurs first, all of this summer's season of Foxii will be found by the diligent and deserving Hounds, when that occurs and a pelt is awarded in the form of a proper exchange of rst, state, name, and output pwr. There were 20 seasoned Foxii and a few that have been resting up (the "spare" Foxii) so there will be plenty of Foxii to grab pelts from. After the phat gal screeches, we will find interesting and funny stories floating along in the digistream aka the qfoz reflector.
Questions?? Ask, please, it is easier that way.
And the Score keeper says the foxii may post their logs, but he won't be scoring them.

Happy Hunting, and Good Luck to all and to all many many pelts,

http://www.qrpfoxhunt.org
Have a great day,
Dale - WC7S

3165. Balanced Line Tuner

Yahoo group: pfr3_group
Date: 2011-09-20 02:00:55 UTC
From: Stan ae0sl
Topic: 3165 Message: 3165

Are the Tune mode and the BLT only for use with balanced feed line antennas or they also used with coax fed antennas? I found the document confusing regarding their use.

In any case, the little yellow box seems to be doing a fine job feeding my center-fed zepp.

3166. Audio amp white noise hiss

Yahoo group: pfr3_group
Date: 2011-09-21 03:54:33 UTC
From: John Farmer
Topic: 3166 Message: 3166

Hello Group,

I'm progressing with my PFR3 and would like to share a tip in case it's helpful to anyone.

I have sensitive, well preserved high frequency hearing and one of the difficulties this causes is that I can easily hear high frequency white noise hiss, a common features of many audio amps, including the LM386. I don't like it because it's fatiguing, detracts from aesthetically pleasing audio and degrades S/N for weak signal listening. Some amps are better than others, but when I was testing the PFR3 receiver, I was surprised that the white noise in my unit was quite obtrusive. In fact, very obtrusive. Using my several sets of earphones, it was present with them all and clearly heard with the AF gain closed right back and antenna disconnected. Just the usual white noise hiss.

My usual "fix" for this is to use either a low pass audio filter on the headphone line, or to add some resistance in series with the headphones. I tried a "headphone attenuator" in line with the phones connected to the PFR3, added some resistance that way and, happily, the hiss disappeared.

But I was puzzled, because I also have a DualBander designed by Steve and that little rig is distinguished by superb audio through phones and not one bit of white noise hiss. The reason I was attracted to the PFR3 was because of the audio of the WDB and my recollection was that the design of the audio stages around the LM386 in both rigs was identical. So I got out the schematics again and compared them and I found that there is a difference - the Dualbander has a 270ohm resistor wired in series with the headphone AF line. The PRF3 doesn't.

So, with a little minor surgery to the PFR3 board and a single resistor, the PFR3 hiss is eliminated and the audio is every bit as easy to listen to as the DualBander.

I experimented with different values of resistor, listening for the effect on the amp white noise and noting the trade off against reduced AF gain resolving a 1uV signal from my signal generator. Somewhere between 180 and 270 ohms seemed optimal, so I used a 220ohm resistor. The signal gain is still sufficient: I can easily hear the 1uV (-107dbm) signal in a normal room with the AF gain control open 2/3.

Perhaps this will help someone else with sensitive high frequency hearing enjoy their PFR3 even more.

73,

John
VK7JB

3167. Alignment steps = a question...

Yahoo group: pfr3_group
Date: 2011-09-21 07:25:57 UTC
From: John Farmer
Topic: 3167 Message: 3167

Hello again - hoping someone might help with a question about the calibration procedure:

If I don't have an oscilloscope, is there a method of doing the IF offset adjustment another way, or do I just accept the defaults?

I've calibrated the ref frequency (step 1) against my K3, which I know is well calibrated to WWV within a couple of hz, and I have no trouble doing the BFO adjustment(step 3) by ear, it's just the second step I'm wondering about.

Thanks in advance for any tips.

John
VK7JB

3168. RE: [pfr3_group] Alignment steps = a question...

Yahoo group: pfr3_group
Date: 2011-09-21 12:23:29 UTC
From: Dale Putnam
Topic: 3167 Message: 3168

Hi John, You could use your ac meter, to measure the audio out, and peak it, or use your ear and count the steps. I admit, I haven't tried either, yet.Simply hadn't thought about it. Have a great day,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: zendoc@...
Date: Wed, 21 Sep 2011 07:25:57 +0000
Subject: [pfr3_group] Alignment steps = a question...

Hello again - hoping someone might help with a question about the calibration procedure:

If I don't have an oscilloscope, is there a method of doing the IF offset adjustment another way, or do I just accept the defaults?

I've calibrated the ref frequency (step 1) against my K3, which I know is well calibrated to WWV within a couple of hz, and I have no trouble doing the BFO adjustment(step 3) by ear, it's just the second step I'm wondering about.

Thanks in advance for any tips.

John

VK7JB

3169. FOX - EXTRAVA-TMW

Yahoo group: pfr3_group
Date: 2011-09-21 12:59:16 UTC
From: Dale Putnam
Topic: 3169 Message: 3169

With the solar numbers so high, and the soft breezes through the flores cent colors, the committee has negotiated with the Game Warden, making a wonderful deal for each of us, Hounds and Foxii, Fox Hunt entrodinaires that we are!! With no snow to hinder and not a hint of cold.... Well not much, the faint sound of falling leaves is about to be drowned by the pounding of many furry feet in hot pursuit of this summer's seasoned foxii fleetingly bounding down the trails of the 20 acre wood.

Now the straight (really) info:
Next Thursday, with the edges blurred a bit to allow a little more wiggle room, promptly starting at 0100z or 7pm MT whichever occurs first, all of this summer's season of Foxii will be found by the diligent and deserving Hounds, when that occurs and a pelt is awarded in the form of a proper exchange of rst, state, name, and output pwr. There were 20 seasoned Foxii and a few that have been resting up (the "spare" Foxii) so there will be plenty of Foxii to grab pelts from. After the phat gal screeches, we will find interesting and funny stories floating along in the digistream aka the qfoz reflector.
Questions?? Ask, please, it is easier that way.
And the Score keeper says the foxii may post their logs, but he won't be scoring them.

Happy Hunting, and Good Luck to all and to all many many pelts,

http://www.qrpfoxhunt.org

--... ...--
Dale - WC7S in Wy

3170. Alignment using Soundcard Oscilloscope & wrong toroid for L7...

Yahoo group: pfr3_group
Date: 2011-09-21 13:52:10 UTC
From: John Farmer
Topic: 3167 Message: 3170

Thanks Dale. Well, I found a great program online called Soundcard Oscilloscope. I hooked the AF out of the PFR3 to the computer soundcard, ran the program and did the IF alignment that way. Piece of cake! :) The program is free for private (non-commerical) use and was very intuitive to use.

On another topic, I finished the transmitter section of the build tonight and discovered that both the gray toroids supplied with my kit were FT37-61's and not FT37-43's. I usually use a program called Mini Ring Core Calculator to calculate the ballpark expected inductance of a toroid I'm winding and then check it before I install the toroid.(The same program also allows you to calculate wire length for the number of turns required - very handy!).

8 turns on an FT37-43 toroid should give around 20uH inductance, but when I checked after winding it, it measured only 3.5uH. A quick calculation shows you'd expect around 3.5uH for 8 turns on an FT37-61. I checked the other gray toroid in the kit and that was the same: an FT37-61. Fortunately, I have a supply of FT37-43's on hand here and substituted one of those - winding 8 turns on that gave me the expected 20uH and I used that for L7.

I'm not sure what the practical significance would be of having L7 with an inductance of 3.5uH rather than 20uH, but I'm mentioning this only in case it is relevant to others who are about to wind L7.

On with the LPF stage now...

73,
John
VK7JB

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi John, You could use your ac meter, to measure the audio out, and peak it, or use your ear and count the steps. I admit, I haven't tried either, yet.Simply hadn't thought about it. Have a great day,
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: zendoc@...
> Date: Wed, 21 Sep 2011 07:25:57 +0000
> Subject: [pfr3_group] Alignment steps = a question...
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>
> Hello again - hoping someone might help with a question about the calibration procedure:
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>
>
> If I don't have an oscilloscope, is there a method of doing the IF offset adjustment another way, or do I just accept the defaults?
>
>
>
> I've calibrated the ref frequency (step 1) against my K3, which I know is well calibrated to WWV within a couple of hz, and I have no trouble doing the BFO adjustment(step 3) by ear, it's just the second step I'm wondering about.
>
>
>
> Thanks in advance for any tips.
>
>
>
> John
>
> VK7JB
>

3171. FOX -TRAVAGANZA....

Yahoo group: pfr3_group
Date: 2011-09-21 15:20:43 UTC
From: Dale Putnam
Topic: 3171 Message: 3171

To clarify, on the 22nd of Aug... local. or 0100z the 23rd of Aug... the Foxtravaganza will begin. AND... there will be all the FOXII, and the committee that will be calling CQ FOX... somewhere near 14.060, but NOT within the regular hunts boundaries of +/- 10 khz. They may spread out more.. so don't stop tuning just because the dial says so. AND.. there may be some club calls included... PLEASE NOTE.. club calls are NOT included in the regularseason hunts, this is an unscored event, and therefore club calls will be allowed. The scorekeeper will not budge, so don't try it. He is a stickler for just dropping club calls from the logs and someone loses a pelt. The run starts at 0100z and is over at the phat lady squeal at 0230z on the 23 of Aug. OR make it 7pm til 8:30pm the 22nd of Aug, Mountain Time. Yes, we will be running qrp. Yes, the standard exchange is necessary. Yes, the Foxii (and committee) will be posting their logs on the QFOX reflector only Please! Sssoooooo... Y'all come, Y'hear?? Let's have a blast, and remember... it is all for fun. This is the list of Foxii... (includes committee) 1 KT5E Jay CO 2 K9JWV Jim UT
3 K5DI Karl NM 4 K4BAI John GA
5 AA4XX Paul NC 6 NK6A Don CA
7 KD5KXF Mike TX 8 K2ZN Al NY
9 W0EA TJ IA 10 WC7S Dale WY
11 AA4XX Paul NC 12 K2ZN Al NY
13 K5DI Karl NM 14 K9JWV Jim UT
15 KT5E Jay CO 16 NK6A Don CA
17 KD5KXF Mike TX 18 K4BAI John GA
19 W0EA TJ IA 20 WC7S Dale WY N1FN ET CO
WA4ILO Jimmy CO
N9AW Jerry WI Questions? Please ask now... k?Have a great day,

--... ...--
Dale - WC7S in Wyhttp:///www.qrpfoxhunt.org

3172. RE: FOX -TRAVAGANZA....

Yahoo group: pfr3_group
Date: 2011-09-21 15:25:54 UTC
From: Dale Putnam
Topic: 3171 Message: 3172

SEPTEMBER>>>>..... Can I have some more coffee over here, PLEASE?

--... ...--
Dale - WC7S in Wy
From: daleputnam@...
To: qfox@yahoogroups.com; qrp-l@...; at_sprint@yahoogroups.com; pfr3_group@yahoogroups.com
Subject: FOX -TRAVAGANZA....
Date: Wed, 21 Sep 2011 09:20:43 -0600

To clarify, on the 22nd of Aug... local. or 0100z the 23rd of Aug... the Foxtravaganza will begin. AND...
there will be all the FOXII, and the committee that will be calling CQ FOX... somewhere near 14.060, but NOT
within the regular hunts boundaries of +/- 10 khz. They may spread out more.. so don't stop tuning just because the
dial says so. AND.. there may be some club calls included... PLEASE NOTE.. club calls are NOT included in the regular
season hunts, this is an unscored event, and therefore club calls will be allowed. The scorekeeper will not budge, so
don't try it. He is a stickler for just dropping club calls from the logs and someone loses a pelt.
The run starts at 0100z and is over at the phat lady squeal at 0230z on the 23 of Aug. OR make it 7pm til 8:30pm the 22nd of Aug, Mountain Time.

Yes, we will be running qrp. Yes, the standard exchange is necessary. Yes, the Foxii (and committee) will be posting their logs on the QFOX reflector only Please!
Sssoooooo... Y'all come, Y'hear??

Let's have a blast, and remember... it is all for fun.

This is the list of Foxii... (includes committee)

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3 K5DI Karl NM 4 K4BAI John GA
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7 KD5KXF Mike TX 8 K2ZN Al NY
9 W0EA TJ IA 10 WC7S Dale WY
11 AA4XX Paul NC 12 K2ZN Al NY
13 K5DI Karl NM 14 K9JWV Jim UT
15 KT5E Jay CO 16 NK6A Don CA
17 KD5KXF Mike TX 18 K4BAI John GA
19 W0EA TJ IA 20 WC7S Dale WY
N1FN ET CO
WA4ILO Jimmy CO
N9AW Jerry WI

Questions? Please ask now... k?
Have a great day,

--... ...--
Dale - WC7S in Wy
http:///www.qrpfoxhunt.org

3173. Re: [pfr3_group] Alignment using Soundcard Oscilloscope & wrong toroid for L7...

Yahoo group: pfr3_group
Date: 2011-09-21 18:56:32 UTC
From: Steve Smith
Topic: 3167 Message: 3173

Hi John,

Searching for "Soundcard Oscilloscope" returns multiple different results.

Could you provide a link to the particular software 'scope application you used?

Thanks for the report on the wrong toroid cores. Unfortunately, that could be a 'show-stopper' for some builders.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "John Farmer" <zendoc@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Alignment using Soundcard Oscilloscope & wrong toroid for L7...
Date: Wed, 21 Sep 2011 13:52:10 -0000

Thanks Dale. Well, I found a great program online called Soundcard Oscilloscope. I hooked the AF out of the PFR3 to the computer soundcard, ran the program and did the IF alignment that way. Piece of cake! :) The program is free for private (non-commerical) use and was very intuitive to use.

3174. Re: Audio amp white noise hiss

Yahoo group: pfr3_group
Date: 2011-09-21 20:46:15 UTC
From: Grant
Topic: 3166 Message: 3174

Fascinating John. Thanks for this. I normally have tinnitus (from a misspent youth) so I guess I am used to 'filtering' out noise without even being aware of it.

Regards
Grant VK4JAZ

--- In pfr3_group@yahoogroups.com, "John Farmer" <zendoc@...> wrote:
>
> Hello Group,
>
> I'm progressing with my PFR3 and would like to share a tip in case it's helpful to anyone.
>
> I have sensitive, well preserved high frequency hearing and one of the difficulties this causes is that I can easily hear high frequency white noise hiss, a common features of many audio amps, including the LM386. I don't like it because it's fatiguing, detracts from aesthetically pleasing audio and degrades S/N for weak signal listening. Some amps are better than others, but when I was testing the PFR3 receiver, I was surprised that the white noise in my unit was quite obtrusive. In fact, very obtrusive. Using my several sets of earphones, it was present with them all and clearly heard with the AF gain closed right back and antenna disconnected. Just the usual white noise hiss.
>
> My usual "fix" for this is to use either a low pass audio filter on the headphone line, or to add some resistance in series with the headphones. I tried a "headphone attenuator" in line with the phones connected to the PFR3, added some resistance that way and, happily, the hiss disappeared.
>
> But I was puzzled, because I also have a DualBander designed by Steve and that little rig is distinguished by superb audio through phones and not one bit of white noise hiss. The reason I was attracted to the PFR3 was because of the audio of the WDB and my recollection was that the design of the audio stages around the LM386 in both rigs was identical. So I got out the schematics again and compared them and I found that there is a difference - the Dualbander has a 270ohm resistor wired in series with the headphone AF line. The PRF3 doesn't.
>
> So, with a little minor surgery to the PFR3 board and a single resistor, the PFR3 hiss is eliminated and the audio is every bit as easy to listen to as the DualBander.
>
> I experimented with different values of resistor, listening for the effect on the amp white noise and noting the trade off against reduced AF gain resolving a 1uV signal from my signal generator. Somewhere between 180 and 270 ohms seemed optimal, so I used a 220ohm resistor. The signal gain is still sufficient: I can easily hear the 1uV (-107dbm) signal in a normal room with the AF gain control open 2/3.
>
> Perhaps this will help someone else with sensitive high frequency hearing enjoy their

PFR3 even more.
>
> 73,
>
> John
> VK7JB
>

3175. Power output

Yahoo group: pfr3_group
Date: 2011-09-21 20:51:52 UTC
From: Grant
Topic: 3175 Message: 3175

I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?

3176. Re: [pfr3_group] Power output

Yahoo group: pfr3_group
Date: 2011-09-21 22:20:05 UTC
From: Steve Smith
Topic: 3175 Message: 3176

What is your power input?

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Power output
Date: Wed, 21 Sep 2011 20:51:52 -0000

I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?

3177. Re: Alignment using Soundcard Oscilloscope & wrong toroid for L7...

Yahoo group: pfr3_group
Date: 2011-09-21 22:58:13 UTC
From: John Farmer
Topic: 3167 Message: 3177

Hi Steve,

Sorry, I should have given the details of the Soundcard Oscilloscope.
I found it here: http://www.zeitnitz.de/Christian/scope_en?mid=1022

There are a lot of clever features to play with, but it made doing the IF adjustment very simple using just the most basic oscilloscope function. The digital frequency counter is handy too. No interface required, of course, just plug from the AF out of the PF3 to the MIC plug of the laptop. It's free for private use, but supportable by donation.

About the toroids: Yes. They looked like all gray FT37's do, they were just the wrong mix and if I hadn't checked the inductance of the finished toroid, I'd have been none the wiser. I'm not sure what the significance would be of the error for that RFC. L7 is interesting. If you look at the design of the Weber DualBander (same transmitter architecture as the PFR3) that particular RFC has 15 turns(65uH) in the Dualbander, and 8 turns (20uH) in the PRF3. That leads me to think that the inductance of this RFC is not super critical in this design, but still there must be a minimal level of inductance required to do the job at the lowest frequency of operation and you'll get to that level lot sooner with only 8 turns on an 61 ferrite mix!

73,

John
VK7JB

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi John,
>
> Searching for "Soundcard Oscilloscope" returns multiple different results.
>
> Could you provide a link to the particular software 'scope application you used?
>
> Thanks for the report on the wrong toroid cores. Unfortunately, that could be a
'show-stopper' for some builders.
>

3178. Re: [pfr3_group] Power output

Yahoo group: pfr3_group
Date: 2011-09-21 23:14:26 UTC
From: Matt Maguire
Topic: 3175 Message: 3178

Are you measuring into a dummy load? Remember, if you are measuring into a mismatched load, the power readings on the meter will be misleading.

/Matt VK2ACL

On 22/09/2011, at 6:51 AM, Grant wrote:

> I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

3179. Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-21 23:24:09 UTC
From: John Farmer
Topic: 3175 Message: 3179

Hi Grant,

Hmmm.. I'm suspicious of nearly all power meters, especially when the specs of even the best units on the amateur market quote an accuracy of 5-10% of full scale deflection - and that's in a recently calibrated meter. The Bird series quote 5% FSD, if I'm not mistaken.

I now check all my unexpected power readings by measuring RF voltage across an accurate 50 ohm dummy load and then doing the maths.
When I started doing that, I got some interesting surprises and in the process learnt a lot about the information my power meters were giving me.

There are several ways you could measure RF voltage, and I'm not here to promote, but Elecraft produces a great little dummy load and peak-reading RF probe combined, good up to 20W or so. Because it's an integrated unit, you simply attach the leads of your DC voltmeter to measure your RF voltage across the load directly. It's one the most used bits of equipment in my shack.

Let us know what you find out in your investigations.

John
VK7JB

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
> I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?
>

3180. RE: [pfr3_group] Power output

Yahoo group: pfr3_group
Date: 2011-09-21 23:29:56 UTC
From: Jerry Haigwood
Topic: 3175 Message: 3180

The easiest way to measure power is with a 'scope. Hook a 50 ohm load across the final and measure the sine wave output. For 5 watts, you should see 45V P-P. You will need a 50MHz or greater 'scope for measuring 20 meters. Since 'scopes are calibrated devices, your accuracy should be very good - better than 5%.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Matt Maguire
Sent: Wednesday, September 21, 2011 6:14 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Power output

Are you measuring into a dummy load? Remember, if you are measuring into a mismatched load, the power readings on the meter will be misleading.

/Matt VK2ACL

On 22/09/2011, at 6:51 AM, Grant wrote:

> I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?
>
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> Yahoo! Groups Links
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3181. Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-22 04:10:23 UTC
From: Grant
Topic: 3175 Message: 3181

Steve, I am inputting 12V DC.

Grant.

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> What is your power input?
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "Grant" <grantmcduling@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Power output
> Date: Wed, 21 Sep 2011 20:51:52 -0000
>
> I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?
>

3182. Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-22 04:11:03 UTC
From: Grant
Topic: 3175 Message: 3182

Yes, into a 50 ohm dummy load.

Grant
--- In pfr3_group@yahoogroups.com, Matt Maguire <vk2acl@...> wrote:
>
> Are you measuring into a dummy load? Remember, if you are measuring into a mismatched load, the power readings on the meter will be misleading.
>
> /Matt VK2ACL
>
> On 22/09/2011, at 6:51 AM, Grant wrote:
>
> > I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?
> >
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> > Yahoo! Groups Links
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>

3183. Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-22 04:14:12 UTC
From: Grant
Topic: 3175 Message: 3183

thanks Jerry, I have an old Trio scope but not sure if it is greater than 50mHz. I suspect it is around the 25mHz mark though but will check.

Grant

--- In pfr3_group@yahoogroups.com, "Jerry Haigwood" <jerry@...> wrote:
>
> The easiest way to measure power is with a 'scope. Hook a 50 ohm load
> across the final and measure the sine wave output. For 5 watts, you should
> see 45V P-P. You will need a 50MHz or greater 'scope for measuring 20
> meters. Since 'scopes are calibrated devices, your accuracy should be very
> good - better than 5%.
>
> Jerry W5JH
>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On
> Behalf Of Matt Maguire
> Sent: Wednesday, September 21, 2011 6:14 PM
> To: pfr3_group@yahoogroups.com
> Subject: Re: [pfr3_group] Power output
>
>
>
>
>
>
> Are you measuring into a dummy load? Remember, if you are measuring into a
> mismatched load, the power readings on the meter will be misleading.
>
> /Matt VK2ACL
>
> On 22/09/2011, at 6:51 AM, Grant wrote:
>
> > I am now finding my rig is putting out about 10W on all bands, and I
> haven't fiddled with anything. Strange. This was measured on my MFJ-941E.
> All my other arp rigs read as they should, so it's a little baffling. Not
> that I'm complaining. Any ideas?
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> > Yahoo! Groups Links
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3184. Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-22 04:17:09 UTC
From: Grant
Topic: 3175 Message: 3184

Dale, I have just re-read the readings to determine the current drawn on key down and it's pretty much 650mA on all three bands. The power meter (MFJ) indicates around 8W out.

Regards
Grant

--- In pfr3_group@...m, "Grant" <grantmcduling@...> wrote:
>
> I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?
>

3185. RE: [qfox] RE: FOX -TRAVAGANZA....

Yahoo group: pfr3_group
Date: 2011-09-22 13:58:05 UTC
From: Dale Putnam
Topic: 3185 Message: 3185

Now where did the correction go? It may be August there, but it, unfortunately is September here... shoot, it was 36 for a low this morning... that put a light touch of frost on the punkin.So.. wether it is August or September.. ... It is a good day for a FOXHUNT ... TODAY!!

--... ...--
Dale - WC7S in Wy
PS.. I've had three cups of coffee this morning.. From: slundgren@...
To: qfox@yahoogroups.com; qrp-l@...; at_sprint@yahoogroups.com;
pfr3_group@yahoogroups.com; daleputnam@...
Subject: Re: [qfox] RE: FOX -TRAVAGANZA....
Date: Thu, 22 Sep 2011 09:47:05 -0400

This proves it. He thinks it's August still. Dale Putnam has been smokin' jimson weed.
KØZK

From: Dale Putnam
Sent: Wednesday, September 21, 2011 11:25 AM
To: qfox@yahoogroups.com ; qrp-l@... ; AT
Sprint ; pfr3_group@yahoogroups.com
Subject: [qfox] RE: FOX -TRAVAGANZA....

SEPTEMBER>>>>........

Can I have some more
coffee over here, PLEASE?

--... ...-- Dale - WC7S in Wy

From: daleputnam@...
To:
qfox@yahoogroups.com; qrp-l@...; at_sprint@yahoogroups.com; pfr3_group@yahoogroups.com
Subject:
FOX -TRAVAGANZA....
Date: Wed, 21 Sep 2011 09:20:43 -0600

To clarify, on the 22nd of Aug... local. or 0100z the 23rd
of Aug... the Foxtravaganza will begin. AND...
there will be all the FOXII,
and the committee that will be calling CQ FOX... somewhere near 14.060, but NOT

within the regular hunts boundaries of +/- 10 khz. They may spread out
more.. so don't stop tuning just because the
dial says so. AND.. there may
be some club calls included... PLEASE NOTE.. club calls are NOT included in the
regular

season hunts, this is an unscored event, and therefore club calls
will be allowed. The scorekeeper will not budge, so
don't try it. He is a
stickler for just dropping club calls from the logs and someone loses a pelt.

The run starts at 0100z and is over at the phat lady squeal at 0230z on the
23 of Aug. OR make it 7pm til 8:30pm the 22nd of Aug, Mountain
Time.

Yes, we will be running qrp. Yes, the standard
exchange is necessary. Yes, the Foxii (and committee) will be posting their logs
on the QFOX reflector only Please!
Sssoooooo... Y'all come,
Y'hear??

Let's have a blast, and remember... it is all for
fun.

This is the list of Foxii... (includes
committee)

1 KT5E Jay CO
2 K9JWV Jim UT
3 K5DI Karl NM
4 K4BAI John GA
5 AA4XX Paul NC
6 NK6A Don CA
7 KD5KXF Mike TX
8 K2ZN Al NY
9 W0EA TJ IA
10 WC7S Dale WY
11 AA4XX Paul NC
12 K2ZN Al NY
13 K5DI Karl NM
14 K9JWV Jim UT
15 KT5E Jay CO
16 NK6A Don CA
17 KD5KXF Mike TX 18 K4BAI John GA
19 W0EA TJ IA
20 WC7S Dale WY
N1FN ET CO

WA4ILO Jimmy CO
N9AW Jerry WI

Questions?
Please ask now... k?
Have a great day,

--... ...-- Dale - WC7S in
Wy
http:///www.qrpfoxhunt.org

3186. Re: [pfr3_group] Re: Alignment using Soundcard Oscilloscope & wrong to roid for L7...

Yahoo group: pfr3_group
Date: 2011-09-22 15:47:42 UTC
From: Steve Smith
Topic: 3186 Message: 3186

Hi John and thanks for that link.

For me, nothing beats a 'Tek' :-) however I 'Elmer' a few guys via the Internet and sometimes it would be good for them to be able to look at simple audio waveforms when I'm trying to explain how things work. I've looked at a few of the soundcard based 'scopes out there but hadn't narrowed down the choices.

I don't remember anyone ever mentioning using a PC 'scope to align the PFR3. That's a great idea.

Best of luck with your magic Yellow Box.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "John Farmer" <zendoc@....au>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Alignment using Soundcard Oscilloscope & wrong toroid for L7...
Date: Wed, 21 Sep 2011 22:58:13 -0000

Hi Steve,

Sorry, I should have given the details of the Soundcard Oscilloscope.
I found it here: http://www.zeitnitz.de/Christian/scope_en?mid=1022

There are a lot of clever features to play with, but it made doing the IF adjustment very simple using just the most basic oscilloscope function. The digital frequency counter is handy too. No interface required, of course, just plug from the AF out of the PF3 to the MIC plug of the laptop. It's free for private use, but supportable by donation.

About the toroids: Yes. They looked like all gray FT37's do, they were just the wrong mix and if I hadn't checked the inductance of the finished toroid, I'd have been none the wiser. I'm not sure what the significance would be of the error for that RFC. L7 is interesting. If you look at the design of the Weber DualBander (same transmitter architecture as the PFR3) that particular RFC has 15 turns(65uH) in the Dualbander, and 8 turns (20uH) in the PRF3. That leads me to think that the inductance of this RFC is not super critical in this design, but still there must be a minimal level of inductance required to do the job at the lowest frequency of operation and you'll get to that level lot sooner with only 8 turns on an 61 ferrite mix!

73,

John
VK7JB

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi John,
>
> Searching for "Soundcard Oscilloscope" returns multiple different results.
>
> Could you provide a link to the particular software 'scope application you used?
>
> Thanks for the report on the wrong toroid cores. Unfortunately, that could be a
'show-stopper' for some builders.
>

Yahoo! Groups Links

3187. Re: [pfr3_group] Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-22 16:05:11 UTC
From: Steve Smith
Topic: 3175 Message: 3187

Hi Grant,

Well, that's about 7.8 Watts gross power -input- power and you can't have more power output than you're consuming.

From that measurement I would say your PFR3 is working fine but something's awry with the measurements. I'd right away jump on the accuracy of the MFJ but you say other QRP rigs you own measure in the ballpark so we can probably rule that out.

I'd suggest going with a properly calibrated RF Probe for the measurements. See N5ESE's web page for information on how to build and calibrate. http://n5ese.com/rfprobe1.htm

Best of luck.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@....au>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Power output
Date: Thu, 22 Sep 2011 04:17:09 -0000

Dale, I have just re-read the readings to determine the current drawn on key down and it's pretty much 650mA on all three bands. The power meter (MFJ) indicates around 8W out.

Regards
Grant

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
> I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?
>

Yahoo! Groups Links

3188. RE: [pfr3_group] Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-22 16:17:31 UTC
From: Dale Putnam
Topic: 3175 Message: 3188

IF one accepts the meter is reading what it thinks is accurate, then the meter must be seeing more power than what is being developed in the tx, and sent down the cable, to the dummy load. The only way I know of more voltage (read power by meter) can be developed is by an increase in swr. Then the meter is reading not only what is developed by the tx, it also is reading, and adding, the reading of reflected voltage from the load. Since the load is a known, and tested resistor, the only other place to look is the connectivity between the meter and the load. Now, the reflected is somewhere in the neighborhood of being 3 watts added to the approximate 7 watts being developed... rough math applied, that comes to be a ratio of about 50%. IF the dummy reflects 50%, then the meter would read about what it is reading, or 10 watts. So, what would reflect 50% power? Maybe a bad connector, maybe a missing shield, maybe a semishorted cable? How to find it? Take the dummy directly to the meter, take the meter directly to the tx.... with hard connectors, no coax, or at the very least, way different coax than what has been there. Note, in this phase, it would be best to continue to start working onhe connections from the dummy toward the tx. Just some thoughts, Have a great day, --... ...--Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Thu, 22 Sep 2011 16:05:11 +0000
Subject: Re: [pfr3_group] Re: Power output

Hi Grant,

Well, that's about 7.8 Watts gross power -input- power and you can't have more power output than you're consuming.

From that measurement I would say your PFR3 is working fine but something's awry with the measurements. I'd right away jump on the accuracy of the MFJ but you say other QRP rigs you own measure in the ballpark so we can probably rule that out.

I'd suggest going with a properly calibrated RF Probe for the measurements. See N5ESE's web page for information on how to build and calibrate. http://n5ese.com/rfprobe1.htm

Best of luck.

73.......Steve Smith WB6TNL

---------- Original Message ----------

From: "Grant" <grantmcduling@...>

To: pfr3_group@yahoogroups.com

Subject: [pfr3_group] Re: Power output

Date: Thu, 22 Sep 2011 04:17:09 -0000

Dale, I have just re-read the readings to determine the current drawn on key down and it's pretty much 650mA on all three bands. The power meter (MFJ) indicates around 8W out.

Regards

Grant

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:

>

> I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?

>

Yahoo! Groups Links

3189. RE: [pfr3_group] Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-22 16:32:37 UTC
From: Jerry Haigwood
Topic: 3175 Message: 3189

Dale,

Steve has a good idea. Change the measuring equipment altogether. I usually believe my TEK 'scope before anything else. I have several small dummy loads so I can try different ones. I also have a new Telepost LP-100A wattmeter which can read from 50 milliwatts to 3000 watts with an accuracy of < 5%. Of course you can buy 2 PFR-3s for the cost of the LP-100A. ;-)

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Thursday, September 22, 2011 11:18 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: Power output

IF one accepts the meter is reading what it thinks is accurate, then the meter must be seeing more power than what is being developed in the tx, and sent down the cable, to the dummy load.
The only way I know of more voltage (read power by meter) can be developed is by an increase in swr. Then the meter is reading not only what is developed by the tx, it also is reading, and adding, the reading of reflected voltage from the load. Since the load is a known, and tested resistor, the only other place to look is the connectivity between the meter and the load. Now, the reflected is somewhere in the neighborhood of being 3 watts added to the approximate 7 watts being developed... rough math applied, that comes to be a ratio of about 50%. IF the dummy reflects 50%, then the meter would read about what it is reading, or 10 watts. So, what would reflect 50% power? Maybe a bad connector, maybe a missing shield, maybe a semishorted cable?
How to find it? Take the dummy directly to the meter, take the meter directly to the tx.... with hard connectors, no coax, or at the very least, way different coax than what has been there. Note, in this phase, it would be best to continue to start working onhe connections from the dummy toward the tx.
Just some thoughts,

Have a great day,
--... ...--
Dale - WC7S in Wy

_____

To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Thu, 22 Sep 2011 16:05:11 +0000
Subject: Re: [pfr3_group] Re: Power output

Hi Grant,

Well, that's about 7.8 Watts gross power -input- power and you can't have more power output than you're consuming.

From that measurement I would say your PFR3 is working fine but something's awry with the measurements. I'd right away jump on the accuracy of the MFJ but you say other QRP rigs you own measure in the ballpark so we can probably rule that out.

I'd suggest going with a properly calibrated RF Probe for the measurements. See N5ESE's web page for information on how to build and calibrate. http://n5ese.com/rfprobe1.htm

Best of luck.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...
<mailto:grantmcduling%40yahoo.com.au> >
To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
Subject: [pfr3_group] Re: Power output
Date: Thu, 22 Sep 2011 04:17:09 -0000

Dale, I have just re-read the readings to determine the current drawn on key down and it's pretty much 650mA on all three bands. The power meter (MFJ) indicates around 8W out.

Regards
Grant

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , "Grant" <grantmcduling@...> wrote:
>
> I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?
>

Yahoo! Groups Links

3190. RE: [pfr3_group] Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-22 19:21:57 UTC
From: Dale Putnam
Topic: 3175 Message: 3190

That works too. OR, take the tx to an antenna, and use the BLT to tune with... compare the current and voltages, if an external tuner is available, insert meter, use external tuner, and measure there.
Some way or other, there will be an answer.

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jerry@...
Date: Thu, 22 Sep 2011 11:32:37 -0500
Subject: RE: [pfr3_group] Re: Power output

Dale,
Steve has a good idea. Change the measuring equipment altogether. I usually believe my TEK ‘scope before anything else. I have several small dummy loads so I can try different ones. I also have a new Telepost LP-100A wattmeter which can read from 50 milliwatts to 3000 watts with an accuracy of < 5%. Of course you can buy 2 PFR-3s for the cost of the LP-100A. ;-)Jerry W5JH From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Thursday, September 22, 2011 11:18 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: Power output IF one accepts the meter is reading what it thinks is accurate, then the meter must be seeing more power than what is being developed in the tx, and sent down the cable, to the dummy load.
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How to find it? Take the dummy directly to the meter, take the meter directly to the tx.... with hard connectors, no coax, or at the very least, way different coax than what has been there. Note, in this phase, it would be best to continue to start working onhe connections from the dummy toward the tx.
Just some thoughts,

Have a great day,
--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sigcom@...

Date: Thu, 22 Sep 2011 16:05:11 +0000
Subject: Re: [pfr3_group] Re: Power output

Hi Grant,

Well, that's about 7.8 Watts gross power -input- power and you can't have more power output than you're consuming.

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I'd suggest going with a properly calibrated RF Probe for the measurements. See N5ESE's web page for information on how to build and calibrate. http://n5ese.com/rfprobe1.htm

Best of luck.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Power output
Date: Thu, 22 Sep 2011 04:17:09 -0000

Dale, I have just re-read the readings to determine the current drawn on key down and it's pretty much 650mA on all three bands. The power meter (MFJ) indicates around 8W out.

Regards
Grant

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
> I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?
>

Yahoo! Groups Links

3191. Antenna question

Yahoo group: pfr3_group
Date: 2011-09-22 20:17:32 UTC
From: k6mgo@verizon.net
Topic: 3191 Message: 3191

I remember years ago, reading about Dave Gauding, NF0R's St. Louis Vertical on the old NorCal website, and wonder if anyone has ever tried it with the BLT of the PFR3 for tuning ease and ability?

If it works the way they said it did, it seems like a good match for the PFR3.

Just wondering.

73,

Bill,k6mgo

3192. Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-23 06:12:11 UTC
From: Grant
Topic: 3175 Message: 3192

An update. I have replaced the connecting cables, and changed to another SWR/Power meter and still got the same high power reading, about 10W. Then I installed new AA batteries to see if that would make the difference (I have been using a regulated 12V PS) and no change. So next I will build myself a low power rf meter and see if that produces something different. I'll report back in due course.

3193. Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-23 07:41:04 UTC
From: John Farmer
Topic: 3175 Message: 3193

Hi Grant,

I don't want to harp on here, but rather than making up another meter, I'd just put together a peak reading RF probe and measure the RF voltage across a good 50 ohm dummy load. Better still, can you borrow an oscilloscope and measure the RF voltage that way, as one of the other guys on the list suggested? Problem is, if you make up another RF Power meter, how are you going to calibrate that accurately without some way of measuring RF voltage?

Much more reliable to measure the RF voltage across a dummy load and do the maths. That's how I calibrate all my power meters here. The only exception in my LP100A. It's one of the very few RF Power meters I trust and it came to me very expertly calibrated by Larry. It gives me the same answers as my dummy load and RF probe, so I believe it now :). Can you sense my inherent distrust of power meters? <grin>

Just my 2c worth!

Keep us in the loop.

73,
John
VK7JB
--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
>
>
> An update. I have replaced the connecting cables, and changed to another SWR/Power meter and still got the same high power reading, about 10W. Then I installed new AA batteries to see if that would make the difference (I have been using a regulated 12V PS) and no change. So next I will build myself a low power rf meter and see if that produces something different. I'll report back in due course.
>

3194. Re: [pfr3_group] Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-23 09:01:45 UTC
From: f6ddv
Topic: 3175 Message: 3194

Hello Grant
I read your message and responses
Sure there is a problem in the power measurement,
the current consumed by your pfr3 seems normal, but your power meter is not good for these little power or dummy load or a problem with the measuring line.
Many power meters are well, and if there is a bit of ROS is a disaster for the measurement.
I think you have a friend who go to a dummy load and a power meter for low power, and you can properly adjust your pfr3.
I am fortunate to have an old bird for years and a 10 W probe 2-30 MHz, it allowed me to set a WM-2 I installed a kit, and I modified with BNC sockets and coaxial cables with Teflon rigid core and shorter connections, the measure is now good for 5 mW to 10 W in 3 ranges of measurements, even though it rises up on VHF if the assembly is made with care.
A power meter for low power and a good dummy load is required for assembly and then you better go to a club or a friend that to this, otherwise we may not be happy with his work.
have a good day
see you soon
jean paul F6DDV

----- Original Message -----
From: Jerry Haigwood
To: pfr3_group@yahoogroups.com
Sent: Thursday, September 22, 2011 6:32 PM
Subject: RE: [pfr3_group] Re: Power output

Dale,

Steve has a good idea. Change the measuring equipment altogether. I usually believe my TEK 'scope before anything else. I have several small dummy loads so I can try different ones. I also have a new Telepost LP-100A wattmeter which can read from 50 milliwatts to 3000 watts with an accuracy of < 5%. Of course you can buy 2 PFR-3s for the cost of the LP-100A. ;-)

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Thursday, September 22, 2011 11:18 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: Power output

IF one accepts the meter is reading what it thinks is accurate, then the meter must be seeing more power than what is being developed in the tx, and sent down the cable, to the dummy load.
The only way I know of more voltage (read power by meter) can be developed is by an increase in swr. Then the meter is reading not only what is developed by the tx, it also is reading, and adding, the reading of reflected voltage from the load. Since the load is a

known, and tested resistor, the only other place to look is the connectivity between the meter and the load. Now, the reflected is somewhere in the neighborhood of being 3 watts added to the approximate 7 watts being developed... rough math applied, that comes to be a ratio of about 50%. IF the dummy reflects 50%, then the meter would read about what it is reading, or 10 watts. So, what would reflect 50% power? Maybe a bad connector, maybe a missing shield, maybe a semishorted cable?
How to find it? Take the dummy directly to the meter, take the meter directly to the tx.... with hard connectors, no coax, or at the very least, way different coax than what has been there. Note, in this phase, it would be best to continue to start working onhe connections from the dummy toward the tx.
Just some thoughts,

Have a great day,
--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Thu, 22 Sep 2011 16:05:11 +0000
Subject: Re: [pfr3_group] Re: Power output

Hi Grant,

Well, that's about 7.8 Watts gross power -input- power and you can't have more power output than you're consuming.

From that measurement I would say your PFR3 is working fine but something's awry with the measurements. I'd right away jump on the accuracy of the MFJ but you say other QRP rigs you own measure in the ballpark so we can probably rule that out.

I'd suggest going with a properly calibrated RF Probe for the measurements. See N5ESE's web page for information on how to build and calibrate. http://n5ese.com/rfprobe1.htm

Best of luck.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...m.au>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Power output
Date: Thu, 22 Sep 2011 04:17:09 -0000

Dale, I have just re-read the readings to determine the current drawn on key down and it's pretty much 650mA on all three bands. The power meter (MFJ) indicates around 8W out.

Regards
Grant

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
> I am now finding my rig is putting out about 10W on all bands, and I haven't fiddled with

anything. Strange. This was measured on my MFJ-941E. All my other arp rigs read as they should, so it's a little baffling. Not that I'm complaining. Any ideas?
>

Yahoo! Groups Links

3195. Re: [pfr3_group] Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-23 22:15:32 UTC
From: Steven Weber
Topic: 3175 Message: 3195

12V in @ .650 A = 7.8 watts, so no way can you meter read 8 and be right!
The power output is likely around the 5 watts it should be and the MFJ is
way off, which they usually are at low power readings.

Steve KD1JV

> Dale, I have just re-read the readings to determine the current drawn on
> key down and it's pretty much 650mA on all three bands. The power meter
> (MFJ) indicates around 8W out.
>

3196. Re: [pfr3_group] Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-23 23:59:03 UTC
From: Steve Smith
Topic: 3175 Message: 3196

Except that Grant said, "All my other arp rigs read as they should" (I'm sure 'arp' is a typo). What would explain that? Maybe his other rigs aren't 5 Watt rigs and his MFJ reads high?

Be that as it may, trying to read QRP levels on a 941E is 'iffy' because that's -way- down on the 30 Watt meter scale.

Grant, are you using a known good 50 Ohm dummy load?

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Steven Weber" <steve.kd1jv@...>
To: <pfr3_group@yahoogroups.com>
Subject: Re: [pfr3_group] Re: Power output
Date: Fri, 23 Sep 2011 18:15:32 -0400

12V in @ .650 A = 7.8 watts, so no way can you meter read 8 and be right!
The power output is likely around the 5 watts it should be and the MFJ is
way off, which they usually are at low power readings.

Steve KD1JV

3197. Re: Power output

Yahoo group: pfr3_group
Date: 2011-09-25 08:37:22 UTC
From: Grant
Topic: 3175 Message: 3197

Thanks Steve, I am ordering the Hendricks dummy load and will then get a better handle on the actual power.

Regards
Grant
--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> 12V in @ .650 A = 7.8 watts, so no way can you meter read 8 and be right!
> The power output is likely around the 5 watts it should be and the MFJ is
> way off, which they usually are at low power readings.
>
> Steve KD1JV
>
> > Dale, I have just re-read the readings to determine the current drawn on
> > key down and it's pretty much 650mA on all three bands. The power meter
> > (MFJ) indicates around 8W out.
> >
>

3198. PFR3 completed and thanks to ON6WJ for the toroid trick..

Yahoo group: pfr3_group
Date: 2011-09-25 13:40:50 UTC
From: John Farmer
Topic: 3198 Message: 3198

Hello Group,

Just to say I've completed my PFR3 and it's working FB. I'm waiting on some hardware from Doug and then I'll box it up.

I have 5.1W out on all 3 bands after a little tweaking of the toroid turn spacing. Thanks to ON6WJ for his posting and photo from 2008 about the relative spacing on the turns on each of the toroids for the 3 bands. It worked a treat. Initially I was getting about 3.9W out on 20 and 30m, but adjusting the spacing as ON6WJ describes gave me 5W on all bands. It's not as simple as widening the spacing of the toroids to increase power out. You need to increase the spacing on one and reduce it on the other to raise the power output. Great tip. I would not have worked that out myself. In fact, I've only ever been able to get 3.5W out on 20m on my Weber Dualbander, no matter how I fiddled trying to widen the spacing of the windings on the 20m toroids on that rig. Tonight I went back to it and used the same trick now I have 5W out on 20m on the Dualbander too. I'm very happy.

Now I need to get on the air and use my little yellow box. Fun.

73,
John
VK7JB

3199. PFR-3 Baby Black Widow Paddle

Yahoo group: pfr3_group
Date: 2011-09-26 02:08:25 UTC
From: Stan ae0sl
Topic: 3199 Message: 3199

Have any of you built and used the Baby Black Widow keyer paddles for the PFR-3? I like the look of it, but I have not found anyone with personal experience with that paddle. The eham reviews were great, but there were very few of them.

Thanks for any information you can share.

3200. Re: PFR-3 Baby Black Widow Paddle

Yahoo group: pfr3_group
Date: 2011-09-26 08:45:55 UTC
From: Grant
Topic: 3199 Message: 3200

Hi Stan,
I have the other version of the key, the W5JH Black Widow S/N 913. It is also a nice paddle but I do find the adjustment screws need to be reset every now and then; they tend not to stay where I like them.

Regards
Grant

--- In pfr3_group@yahoogroups.com, "Stan ae0sl" <ae0sl@...> wrote:
>
> Have any of you built and used the Baby Black Widow keyer paddles for the PFR-3? I like the look of it, but I have not found anyone with personal experience with that paddle. The eham reviews were great, but there were very few of them.
>
> Thanks for any information you can share.
>

3201. Re: [pfr3_group] PFR-3 Baby Black Widow Paddle

Yahoo group: pfr3_group
Date: 2011-09-26 08:46:45 UTC
From: CT1BWW Portuguese Amateur Radio Station
Topic: 3199 Message: 3201

Hi

My experience is with small Black Widow Paddle, from Jerry, W5JH.. and "
I Love it!" ...small and very nice piece (I'm susing on my portable field
operations).

I like so much this paddle that I decide to purchase a PFR3 Black Widow
Paddle from Jerry, W5JH (i didn't received yet !) . I think you will
not regret.

73s frm Marq ...ct1bww

> Have any of you built and used the Baby Black Widow keyer paddles for the
> PFR-3? I like the look of it, but I have not found anyone with personal
> experience with that paddle. The eham reviews were great, but there were
> very few of them.
>
> Thanks for any information you can share.
>
>
>

73s frm Marq...ct1 "bravo willy willy"
Portuguese Amateur Radio Station
"We are what we comunicate!"
http://www.ct1bww.com
http://www.qsl.net/ct1bww

3202. My most interesting qso to date

Yahoo group: pfr3_group
Date: 2011-09-26 22:54:48 UTC
From: Grant
Topic: 3202 Message: 3202

Last night I had a wonderfully satisfying qso with my PFR 3. It was a qrp-qrp qso with RA1AIF/MM, who is the captain of a container ship that was sailing in the South China Sea. This little rig rocks.

Grant VK4JAZ

3203. Re: My most interesting qso to date

Yahoo group: pfr3_group
Date: 2011-09-27 00:39:49 UTC
From: John Farmer
Topic: 3202 Message: 3203

Hi Grant - that's a great QSO and even better QRP to QRP! What antenna are you using with your PRF3?

John
VK7JB

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
> Last night I had a wonderfully satisfying qso with my PFR 3. It was a qrp-qrp qso with RA1AIF/MM, who is the captain of a container ship that was sailing in the South China Sea. This little rig rocks.
>
> Grant VK4JAZ
>

3204. Re: [pfr3_group] My most interesting qso to date

Yahoo group: pfr3_group
Date: 2011-09-27 01:06:14 UTC
From: ny6p01@gmail.com
Topic: 3202 Message: 3204

On Mon, Sep 26, 2011 at 10:54:48PM -0000, Grant wrote:

> Last night I had a wonderfully satisfying qso with my PFR 3. It was a
> qrp-qrp qso with RA1AIF/MM, who is the captain of a container ship that
> was sailing in the South China Sea. This little rig rocks.
>
> Grant VK4JAZ

I remember a few years back there was a JM4/MM station that was aboard a
cargo ship in the South Pacific who used to boom into Southern California.
It's hard to beat an ocean QTH!

Terry

3205. Re: My most interesting qso to date

Yahoo group: pfr3_group
Date: 2011-09-27 02:41:47 UTC
From: Grant
Topic: 3202 Message: 3205

G5RV tuned with an MFJ-941E

Grant VK4JAZ
--- In pfr3_group@...m, "John Farmer" <zendoc@...> wrote:
>
> Hi Grant - that's a great QSO and even better QRP to QRP! What antenna are you using with your PRF3?
>
> John
> VK7JB
>
> --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> >
> > Last night I had a wonderfully satisfying qso with my PFR 3. It was a qrp-qrp qso with RA1AIF/MM, who is the captain of a container ship that was sailing in the South China Sea. This little rig rocks.
> >
> > Grant VK4JAZ
> >
>

3206. Re: [pfr3_group] My most interesting qso to date

Yahoo group: pfr3_group
Date: 2011-09-27 02:50:15 UTC
From: Steve Smith
Topic: 3202 Message: 3206

That is because the PFR3 has heap good QRP mojo. ;-)

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] My most interesting qso to date
Date: Mon, 26 Sep 2011 22:54:48 -0000

Last night I had a wonderfully satisfying qso with my PFR 3. It was a qrp-qrp qso with RA1AIF/MM, who is the captain of a container ship that was sailing in the South China Sea. This little rig rocks.

Grant VK4JAZ

3207. Re: PFR-3 Baby Black Widow Paddle

Yahoo group: pfr3_group
Date: 2011-09-27 21:37:33 UTC
From: James Anderson
Topic: 3199 Message: 3207

Just got a BBW from Gerry and love it. Very nice "feel" and "touch". Assembly easy and all works well. Get one you'll like it and it works well with the PFR-3

73 Jim Anderson
AC0OW

3208. Re: PFR-3 Baby Black Widow Paddle

Yahoo group: pfr3_group
Date: 2011-09-28 15:11:16 UTC
From: Stan ae0sl
Topic: 3199 Message: 3208

I just ordered the BBW. Gerry said he is discontinuing them and is down to 3 units.

--- In pfr3_group@yahoogroups.com, James Anderson <ars.ac0ow@...> wrote:
>
> Just got a BBW from Gerry and love it. Very nice "feel" and "touch". Assembly easy and all works well. Get one you'll like it and it works well with the PFR-3
>
> 73 Jim Anderson
> AC0OW
>

3209. Re: [pfr3_group] Re: PFR-3 Baby Black Widow Paddle

Yahoo group: pfr3_group
Date: 2011-09-28 15:18:53 UTC
From: CT1BWW Portuguese Amateur Radio Station
Topic: 3199 Message: 3209

Hi
I was lucky to be one of the last " 3 "!
Here my coments to Jerry W5JH:
" You don't have idea how much i like your paddle!
Very said that you give up on business :("
73s Marq ct1bww

> I just ordered the BBW. Gerry said he is discontinuing them and is down
> to 3 units.
>
> --- In pfr3_group@yahoogroups.com, James Anderson <ars.ac0ow@...> wrote:
>>
>> Just got a BBW from Gerry and love it. Very nice "feel" and "touch".
>> Assembly easy and all works well. Get one you'll like it and it works
>> well with the PFR-3
>>
>> 73 Jim Anderson
>> AC0OW
>>
>
>
>

73s frm Marq...ct1 "bravo willy willy"
Portuguese Amateur Radio Station
"We are what we comunicate!"
http://www.ct1bww.com
http://www.qsl.net/ct1bww

3210. Power Dropped

Yahoo group: pfr3_group
Date: 2011-09-28 23:01:32 UTC
From: Stan ae0sl
Topic: 3210 Message: 3210

I have been using my PFR-3 every day for a few weeks (and loving it), but it seems to have developed a problem today. This morning, it was working fine on 20m with a power output right at 5 watts. This afternoon, the power output appears to be around 1 watt. It wiggles the power meter, but not by much. I have been using the same 12v external power supply at all times. I just switched to 40m, and it has the same low power output.

Do any of you have an idea what might cause this and how I could resolve the problem? Do you know what I might have done wrong to cause the problem? I had not been changing bands before the problem appeared, so that was not the cause. I had been switching the antenna between two rigs though.

Unfortunately, I bought this unit assembled because my eyes are not good for soldering any more. I am sure that will complicate the cure.

Thank you for any help you can provide.

3211. Re: [pfr3_group] Power Dropped

Yahoo group: pfr3_group
Date: 2011-09-28 23:29:08 UTC
From: Steve Smith
Topic: 3210 Message: 3211

Hi Stan,

Do you accidentally have the Tune - Operate switch in Tune? That would drop the power by about 1/2.

High VSWR or transmitting into an open could cause damage.

How much current is drawn on transmit? If it is considerably less than the current specified in the manual then I would suspect one of the output transistors has croaked. If the current is near rated then look for problems between the transistors and the antenna connectors. Also check D7 to see if it is leaky/shorted.

Best of luck troubleshooting.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Stan ae0sl" <ae0sl@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Power Dropped
Date: Wed, 28 Sep 2011 23:01:32 -0000

I have been using my PFR-3 every day for a few weeks (and loving it), but it seems to have developed a problem today. This morning, it was working fine on 20m with a power output right at 5 watts. This afternoon, the power output appears to be around 1 watt. It wiggles the power meter, but not by much. I have been using the same 12v external power supply at all times. I just switched to 40m, and it has the same low power output.

Do any of you have an idea what might cause this and how I could resolve the problem? Do you know what I might have done wrong to cause the problem? I had not been changing bands before the problem appeared, so that was not the cause. I had been switching the antenna between two rigs though.

Unfortunately, I bought this unit assembled because my eyes are not good for soldering any more. I am sure that will complicate the cure.

Thank you for any help you can provide.

Yahoo! Groups Links

3212. Re: Power Dropped

Yahoo group: pfr3_group
Date: 2011-09-28 23:46:09 UTC
From: Stan ae0sl
Topic: 3210 Message: 3212

I suspect that I could have transmitted with very high SWR as I was switching the antenna between rigs. I don't know that I did that, but it seems the best fit with what was going on from an operating point of view. I may have to try replacing output transistors. I may have to see if I can find an Elmer to help with repairs.

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Stan,
>
> Do you accidentally have the Tune - Operate switch in Tune? That would drop the power by about 1/2.
>
> High VSWR or transmitting into an open could cause damage.
>
> How much current is drawn on transmit? If it is considerably less than the current specified in the manual then I would suspect one of the output transistors has croaked. If the current is near rated then look for problems between the transistors and the antenna connectors. Also check D7 to see if it is leaky/shorted.
>
> Best of luck troubleshooting.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "Stan ae0sl" <ae0sl@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Power Dropped
> Date: Wed, 28 Sep 2011 23:01:32 -0000
>
> I have been using my PFR-3 every day for a few weeks (and loving it), but it seems to have developed a problem today. This morning, it was working fine on 20m with a power output right at 5 watts. This afternoon, the power output appears to be around 1 watt. It wiggles the power meter, but not by much. I have been using the same 12v external power supply at all times. I just switched to 40m, and it has the same low power output.
>
> Do any of you have an idea what might cause this and how I could resolve the problem? Do you know what I might have done wrong to cause the problem? I had not been changing bands before the problem appeared, so that was not the cause. I had been switching the antenna between two rigs though.
>
> Unfortunately, I bought this unit assembled because my eyes are not good for soldering any more. I am sure that will complicate the cure.
>
> Thank you for any help you can provide.
>

>
>
> ---
>
> Yahoo! Groups Links
>

3213. Re: Power Dropped

Yahoo group: pfr3_group
Date: 2011-09-29 00:17:34 UTC
From: Grant
Topic: 3210 Message: 3213

Stan, A similar thing happened to me (but on 30m only) and it turned out the the one torroid (it was the 30m one) had a wire that worked loose. I opened up the enclosure and tested the connections to the torroids for continuity and found this to be the case. I resoldered and that fixed it.

Since then, I have had the opposite happen. I now get 10W out on all bands as read on my power meter, This is an ongoing thread and I have ordered a dummy load/power meter kit from Doug Hendricks and will get to the bottom of this when the kit arrives.

Regards
Grant
VK4JAZ

3214. RE: [pfr3_group] Power Dropped

Yahoo group: pfr3_group
Date: 2011-09-29 00:34:28 UTC
From: Jerry Haigwood
Topic: 3210 Message: 3214

Steve,

Most Class E transmitters work OK into a high impedance. However, unless there is some way to limit the current, a low impedance or short will take out the MOSFETs real fast! I am not sure if Steve included any current limiting in the PFR-3.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steve Smith
Sent: Wednesday, September 28, 2011 6:29 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Power Dropped

Hi Stan,

Do you accidentally have the Tune - Operate switch in Tune? That would drop the power by about 1/2.

High VSWR or transmitting into an open could cause damage.

How much current is drawn on transmit? If it is considerably less than the current specified in the manual then I would suspect one of the output transistors has croaked. If the current is near rated then look for problems between the transistors and the antenna connectors. Also check D7 to see if it is leaky/shorted.

Best of luck troubleshooting.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Stan ae0sl" <ae0sl@... <mailto:ae0sl%40radioham.org> >
To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
Subject: [pfr3_group] Power Dropped
Date: Wed, 28 Sep 2011 23:01:32 -0000

I have been using my PFR-3 every day for a few weeks (and loving it), but it seems to have developed a problem today. This morning, it was working fine on 20m with a power output right at 5 watts. This afternoon, the power output appears to be around 1 watt. It wiggles the power meter, but not by much. I have been using the same 12v external power supply at all times. I just switched to 40m, and it has the same low power output.

Do any of you have an idea what might cause this and how I could resolve the problem? Do you know what I might have done wrong to cause the problem? I had not been changing bands before the problem appeared, so that was not the

cause. I had been switching the antenna between two rigs though.

Unfortunately, I bought this unit assembled because my eyes are not good for soldering any more. I am sure that will complicate the cure.

Thank you for any help you can provide.

Yahoo! Groups Links

3215. RE: [pfr3_group] Power Dropped

Yahoo group: pfr3_group
Date: 2011-09-29 01:51:56 UTC
From: Steve Smith
Topic: 3210 Message: 3215

Hi Jerry,

If that is the case then I wonder why Steve put a 47 Volt Zener from Drain to ground? Even though the transmitter uses MOSFETs in the output, I'm not certain that it operates Class 'E'. I suppose we'll have to wait and see what Steve says.

73.......Steve Smith WB6TNL

3216. Re: PFR-3 Baby Black Widow Paddle

Yahoo group: pfr3_group
Date: 2011-09-29 01:55:57 UTC
From: Grant
Topic: 3199 Message: 3216

Check out this fb video on the BBW. http://www.youtube.com/watch?v=Yq8hYtP2q_U

Grant VK4JAZ
--- In pfr3_group@yahoogroups.com, "CT1BWW Portuguese Amateur Radio Station" <ct1bww@...>
wrote:
>
> Hi
> I was lucky to be one of the last " 3 "!
> Here my coments to Jerry W5JH:
> " You don't have idea how much i like your paddle!
> Very said that you give up on business :("
> 73s Marq ct1bww
>
>
>
>
> > I just ordered the BBW. Gerry said he is discontinuing them and is down
> > to 3 units.
> >
> > --- In pfr3_group@yahoogroups.com, James Anderson <ars.ac0ow@> wrote:
> >>
> >> Just got a BBW from Gerry and love it. Very nice "feel" and "touch".
> >> Assembly easy and all works well. Get one you'll like it and it works
> >> well with the PFR-3
> >>
> >> 73 Jim Anderson
> >> AC0OW
> >>
> >
> >
> >
>
>
> 73s frm Marq...ct1 "bravo willy willy"
> Portuguese Amateur Radio Station
> "We are what we comunicate!"
> http://www.ct1bww.com
> http://www.qsl.net/ct1bww
>

3217. RE: [pfr3_group] Power Dropped

Yahoo group: pfr3_group
Date: 2011-09-29 02:47:10 UTC
From: Jerry Haigwood
Topic: 3210 Message: 3217

Hi Steve,

I suppose if you were to work into a capacitive load, you could get some big time spikes. Mr. Weber probably added the zener to protect against that scenario. I am not sure if he is using Class E but the BS-170 MOSFETs don't do well in linear mode. With the switch mode of Class E, they don't have to dissipate much power. If he is driving the BS-170s with a square wave, then it is Class E. When you drive a high impedance load with the BS-170, you basically just get less current than at 50 ohms. However, as the impedance goes down, somewhere around 1.5-2.5Amps, the MOSFETs give up the smoke. ;-) The good thing is that they are very low cost. They are so low cost that it does not make economical sense to add protection for them. They cost a lot less than the protection would cost (adding $2 worth of parts to protect a 10 cent device don't make any sense). ;-)

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steve Smith
Sent: Wednesday, September 28, 2011 8:52 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Power Dropped

Hi Jerry,

If that is the case then I wonder why Steve put a 47 Volt Zener from Drain to ground? Even though the transmitter uses MOSFETs in the output, I'm not certain that it operates Class 'E'. I suppose we'll have to wait and see what Steve says.

73.......Steve Smith WB6TNL

3218. Antenna for QRP Portable

Yahoo group: pfr3_group
Date: 2011-10-02 03:22:52 UTC
From: Stan ae0sl
Topic: 3218 Message: 3218

I am looking for suggestions and/or success stories for antennas that can be paired with the PFR-3 for portable operation in parks, etc.

I am leaning toward a simple single-band resonant dipole fed directly with ladder line directly or through a 4:1 balun. I hate to limit the rig to one band per antenna, but I don't want to make the BLT work too hard either.

Those of you who take this little yellow box on the road, please let me know what kind of antenna do you use? Do you take a battery-powered QRP SWR meter or do you just rely on the SWR bridge in the unit? Do you use any sort of multi-band antenna?

Thanks for any information you can share.

3219. Re: [pfr3_group] Antenna for QRP Portable

Yahoo group: pfr3_group
Date: 2011-10-02 03:34:57 UTC
From: Larry Makoski
Topic: 3218 Message: 3219

Stan,

I take two wires - one cut to 67 feet and the other to 34 feet. The 67 footer goes up a tree and get connected to the red terminal and the 34 footer lays on the ground and gets connected to the black terminal.

http://www.njqrp.org/n2cxantennas/halfer/halfer.html

It tunes up beautifully with the PFR3A's built in tuner no sweat! And it works on 40 and 20 meters very, very nicely. I used this set up for Flight of the Bumblebees in July and did very well. I was very happy with it. The beauty of it is that you really only need one tree - not two like you need for hanging a doublet or dipole.

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

3220. RE: [pfr3_group] Antenna for QRP Portable

Yahoo group: pfr3_group
Date: 2011-10-02 03:44:29 UTC
From: Jerry Haigwood
Topic: 3218 Message: 3220

Stan,

A 44ft center fed doublet is a popular antenna that works pretty well on 40, 30, and 20. On 40 meters it is shorter than a ½ wave dipole but the tuner should handle it ok. On 30 meters it is real close to a ½ dipole and the tuner again will load it. On 20 meters it is long but will tune up. You may need to experiment with the length of the ladder line. The ladder line will be transforming the impedance of the antenna to something else. You should be able to find a length that the tuner likes on all bands. I have used a slightly longer antenna with good success. I have used a 53 ft long antenna fed with ladder line. It will work much like the 44 ft model but maybe a bit easier to tune. It is best to stay away from a 67 ft dipole since it will be hard to tune on 20 meters. Something resonant on 30 meters would work OK. Instead of the 44 ft doublet, you can make 46.5 ft long and be resonant on 30 meters. When you are using ladder line, it is not necessary to use a resonant antenna. Any of the sizes from 44 ft to 53 ft will work well when fed with ladder line.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Stan ae0sl
Sent: Saturday, October 01, 2011 10:23 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Antenna for QRP Portable

I am looking for suggestions and/or success stories for antennas that can be paired with the PFR-3 for portable operation in parks, etc.

I am leaning toward a simple single-band resonant dipole fed directly with ladder line directly or through a 4:1 balun. I hate to limit the rig to one band per antenna, but I don't want to make the BLT work too hard either.

Those of you who take this little yellow box on the road, please let me know what kind of antenna do you use? Do you take a battery-powered QRP SWR meter or do you just rely on the SWR bridge in the unit? Do you use any sort of multi-band antenna?

Thanks for any information you can share.

3221. RE: [pfr3_group] Antenna for QRP Portable

Yahoo group: pfr3_group
Date: 2011-10-02 03:58:48 UTC
From: N. A. Monllor
Topic: 3218 Message: 3221

Hi Stan,

I use a 34' piece of 20 ga. Wire connected to the red post and put up vertically with a 20' Crappie pole that's been inserted into 8ft. of PVC buried into the ground and a 15 foot piece of wire as a counterpoise connected to the ground post.

I tune in all three bands. It takes me less than three minutes from the time I open the back of my van to the time I'm on the air.

Check out Lynn's (NG9D <http://www.youtube.com/user/NG9D>) video of the setup I'm talking about, that's where I saw it and it impressed the heck out of me.

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Stan ae0sl
Sent: Saturday, October 01, 2011 11:23 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Antenna for QRP Portable

I am looking for suggestions and/or success stories for antennas that can be paired with the PFR-3 for portable operation in parks, etc.

I am leaning toward a simple single-band resonant dipole fed directly with ladder line directly or through a 4:1 balun. I hate to limit the rig to one band per antenna, but I don't want to make the BLT work too hard either.

Those of you who take this little yellow box on the road, please let me know what kind of antenna do you use? Do you take a battery-powered QRP SWR meter or do you just rely on the SWR bridge in the unit? Do you use any sort of multi-band antenna?

Thanks for any information you can share.

3222. Re: Antenna for QRP Portable

Yahoo group: pfr3_group
Date: 2011-10-02 04:01:01 UTC
From: Stan ae0sl
Topic: 3218 Message: 3222

You must set tha up as a sloper with the counterpoise directly under the sloper half-wave rather than as an inverted-L. I will have to try that configuration. The simplicity of an antenna up a single tree is attractive.

3223. RE: [pfr3_group] Antenna for QRP Portable

Yahoo group: pfr3_group
Date: 2011-10-02 04:01:40 UTC
From: N. A. Monllor
Topic: 3218 Message: 3223

DUH!!!! Here's the link to the video

http://www.youtube.com/watch?v=3kWvXJ_5XgE
<http://www.youtube.com/watch?v=3kWvXJ_5XgE&feature=related>
&feature=related

Enjoy,

Ren

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Stan ae0sl
Sent: Saturday, October 01, 2011 11:23 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Antenna for QRP Portable

I am looking for suggestions and/or success stories for antennas that can be paired with the PFR-3 for portable operation in parks, etc.

I am leaning toward a simple single-band resonant dipole fed directly with ladder line directly or through a 4:1 balun. I hate to limit the rig to one band per antenna, but I don't want to make the BLT work too hard either.

Those of you who take this little yellow box on the road, please let me know what kind of antenna do you use? Do you take a battery-powered QRP SWR meter or do you just rely on the SWR bridge in the unit? Do you use any sort of multi-band antenna?

Thanks for any information you can share.

3224. Re: Antenna for QRP Portable

Yahoo group: pfr3_group
Date: 2011-10-02 15:53:49 UTC
From: ac0owinco
Topic: 3218 Message: 3224

I have tried the following and it seems to work well on all three bands. I use a only a single wire of 25 feet connected to the red terminal in an L configuration. That's it. This length is the longest I could make it without getting into high impedance trouble on 20 meters. The problem is getting a single small antenna to work well on both 20 and 30. This is a compromise but seems to work. The longer the better for 40M operation, otherwise the feed impedance is too low.

You will find the tuning VERY touchy with this antenna. I found the following PFR settings to work on my unit:
20M: T=L=2+, HiZ
30M: T=L=2, LowZ
40M: T=11, L=1+, HiZ

--73/72 JIm AC0OW

--- In pfr3_group@yahoogroups.com, "Stan ae0sl" <ae0sl@...> wrote:
>
> I am looking for suggestions and/or success stories for antennas that can be paired with the PFR-3 for portable operation in parks, etc.
>
> I am leaning toward a simple single-band resonant dipole fed directly with ladder line directly or through a 4:1 balun. I hate to limit the rig to one band per antenna, but I don't want to make the BLT work too hard either.
>
> Those of you who take this little yellow box on the road, please let me know what kind of antenna do you use? Do you take a battery-powered QRP SWR meter or do you just rely on the SWR bridge in the unit? Do you use any sort of multi-band antenna?
>
> Thanks for any information you can share.
>

3225. Re: [pfr3_group] Antenna for QRP Portable

Yahoo group: pfr3_group
Date: 2011-10-02 23:34:42 UTC
From: lahagar1@aol.com
Topic: 3218 Message: 3225

Hi Guys,

With no counterpoise, I just tested a 34 ft wire sloping up from my deck to a tree. The end of wire was 15 ft off the ground. The PFR-3A BLT loaded (Hi-Z) on all three bands with complete darkening of the LED SWR indicator. W4NSN, Gene in Atlanta (580 miles) reported RST 569 on 40 m.

Approximate dial positions (as hour hand on clock) for wire without CP:

band: load/tune,
40m: 1pm/11am,
30m: 1pm/2pm ,
20m: 2pm/3pm

73
Lynn
NG9D

-----Original Message-----
From: N. A. Monllor <nmonllor@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Oct 1, 2011 10:58 pm
Subject: RE: [pfr3_group] Antenna for QRP Portable

Hi Stan,
I use a 34’ piece of 20 ga. Wire connected to the red post and put up vertically with a 20’ Crappie pole that’s been inserted into 8ft. of PVC buried into the ground and a 15 foot piece of wire as a counterpoise connected to the ground post.
I tune in all three bands. It takes me less than three minutes from the time I open the back of my van to the time I’m on the air.
Check out Lynn’s (NG9D) video of the setup I’m talking about, that’s where I saw it and it impressed the heck out of me.
Ren
KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Stan ae0sl
Sent: Saturday, October 01, 2011 11:23 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Antenna for QRP Portable

I am looking for suggestions and/or success stories for antennas that can be pai red with the PFR-3 for portable operation in parks, etc.

I am leaning toward a simple single-band resonant dipole fed directly with ladder line directly or through a 4:1 balun. I hate to limit the rig to one band per antenna, but I don't want to make the BLT work too hard either.

Those of you who take this little yellow box on the road, please let me know what kind of antenna do you use? Do you take a battery-powered QRP SWR meter or do you just rely on the SWR bridge in the unit? Do you use any sort of multi-band antenna?

Thanks for any information you can share.

3226. Re: Antenna for QRP Portable

Yahoo group: pfr3_group
Date: 2011-10-03 02:33:03 UTC
From: Stan ae0sl
Topic: 3218 Message: 3226

NG9D:

Thanks for the info on the 34-ft sloper without a counterpoise. I will have to try this simple option. Do you believe that a CP would be needed if the sloper reached nearer to the ground, increasing coupling to the ground?

I am a little confused by the tuner settings that you listed. Does the "am" or "pm" simply indicate which side of the 6:00 position the dial is turned to? I assume you are not talking about a 24-hour clock.

--- In pfr3_group@yahoogroups.com, lahagar1@... wrote:
>
...
>
> Approximate dial positions (as hour hand on clock) for wire without CP:
>
> band: load/tune,
> 40m: 1pm/11am,
> 30m: 1pm/2pm ,
> 20m: 2pm/3pm
...

3227. Re: [pfr3_group] Re: Antenna for QRP Portable

Yahoo group: pfr3_group
Date: 2011-10-03 12:36:37 UTC
From: lahagar1@aol.com
Topic: 3218 Message: 3227

Hi Stan,

The positions, for my radio, middle setting of each cap is 12:00 "high" or straight up. Depends how one sets the capacitor shaft and set screw. So, with that setting 11:00 would be a bit Counter-Clock-Wise (to the left) and 1:00 would be a bit Clock-Wise (to the right). The 3pm setting is about full Clock-Wise, or about 90 degrees from the 12:00 setting.

As for position to ground, I have played with antenna heights and found that when I get close to the ground, the performance is really degraded, even if a match is obtained. One way to prove this is to listen to signals when lowering antenna to ground. Use a rig with a speaker and move the antenna around while listening. The average height of yesterdays antenna was less than ten feet. That position seems to maximize high angle radiation and good for regional work, but for distance I get better results with the wire erected more or less vertically*. Oh, I tried a six foot CP too, that tuned nearly the same as the wire without CP (dial settings changed slightly, but just as narrow tuning with a lot of trial and error tuning needed.)

For end fed antennas, you could also try an L-Network Tuner. They are simple and easy. Here is a commercial L-Net tuner with IC703:
http://www.youtube.com/user/NG9D?feature=mhee#p/u/51/JD-DjQuL7bk
Here is a breadboard HB L-Net tuner, used with an off-center fed sloper:
http://www.youtube.com/user/NG9D?feature=mhee#p/u/3/zGkC321Cwl8
And here is that sloper working on all 3 bands with the internal PFR-3 BLT and HB feeder:
http://www.youtube.com/user/NG9D?feature=mhee#p/u/2/VXo0XucRpt0
I think the doublet antenna is a good solution for the PFR3A BLT too: here is a 50 ft doublet with HB feedline:
http://www.youtube.com/user/NG9D?feature=mhee#p/u/1/qaUN9m2u1pQ

73,
Lynn
NG9D

*NB - Low antennas can work however. Do you know that steel beam in your basement that hold up your house? I attached a connection to that during one thunderstorm when I had my external antennas disconnected for safety, and with my basement beam managed to work Kieth WI0S, in Mound MN 360 miles away from me in Plainfield, IL -- using an Icom 703 at ten Watts. I have a feeling that basement antenna put virtually all radiation upward and zero radiation at a low angle.

-----Original Message-----
From: Stan ae0sl <ae0sl@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sun, Oct 2, 2011 9:33 pm
Subject: [pfr3_group] Re: Antenna for QRP Portable

NG9D:

Thanks for the info on the 34-ft sloper without a counterpoise. I will have to try this simple option. Do you believe that a CP would be needed if the sloper reached nearer to the ground, increasing coupling to the ground?

I am a little confused by the tuner settings that you listed. Does the "am" or "pm" simply indicate which side of the 6:00 position the dial is turned to? I assume you are not talking about a 24-hour clock.

--- In pfr3_group@yahoogroups.com, lahagar1@... wrote:
>
...
>
> Approximate dial positions (as hour hand on clock) for wire without CP:
>
> band: load/tune,
> 40m: 1pm/11am,
> 30m: 1pm/2pm ,
> 20m: 2pm/3pm
...

3228. Red, Black, Yellow screws ??

Yahoo group: pfr3_group
Date: 2011-10-03 22:14:00 UTC
From: Dale Putnam
Topic: 3228 Message: 3228

Too long ago, maybe a week or two, someone, maybe down under, asked for some screws, I have them, and now I have lost the address to mail them to,Please contact me.... off list, Thank you,

--... ...--

Dale - WC7S in Wy

3229. Re: Antenna for QRP Portable

Yahoo group: pfr3_group
Date: 2011-10-04 14:45:14 UTC
From: KB1PFL
Topic: 3218 Message: 3229

I.ve read that vietnam forward fire bases used to bury their antennas 18" under grond in bamboo for their GRC-109 15 watt CW radios.jimKB1PFL

NB - Low antennas can work however. Do you know that steel beam in your basement that hold up your house? I attached a connection to that during one thunderstorm when I had my external antennas disconnected for safety, and with my basement beam managed to work Kieth WI0S, in Mound MN 360 miles away from me in Plainfield, IL -- using an Icom 703 at ten Watts. I have a feeling that basement antenna put virtually all radiation upward and zero radiation at a low angle.

-----Original Message-----
From: Stan ae0sl <ae0sl@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sun, Oct 2, 2011 9:33 pm
Subject: [pfr3_group] Re: Antenna for QRP Portable

3230. Re: [pfr3_group] Re: Antenna for QRP Portable

Yahoo group: pfr3_group
Date: 2011-10-04 16:38:25 UTC
From: lahagar1@aol.com
Topic: 3218 Message: 3230

Yes, I saw that too! Incredible!!
http://militaryradio.com/spyradio/grc109.html
“The antennas were a target of Viet Cong raids, but for emergencies, they found that a longwire buried 18" underground in bamboo pipes could be used.”

NG9D . .

-----Original Message-----
From: KB1PFL <jrm1967@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Oct 4, 2011 9:45 am
Subject: [pfr3_group] Re: Antenna for QRP Portable

I.ve read that vietnam forward fire bases used to bury their antennas 18" under grond in bamboo for their GRC-109 15 watt CW radios.jimKB1PFL

NB - Low antennas can work however. Do you know that steel beam in your basement that hold up your house? I attached a connection to that during one thunderstorm when I had my external antennas disconnected for safety, and with my basement beam managed to work Kieth WI0S, in Mound MN 360 miles away from me in Plainfield, IL -- using an Icom 703 at ten Watts. I have a feeling that basement antenna put virtually all radiation upward and zero radiation at a low angle.

-----Original Message-----
From: Stan ae0sl <ae0sl@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sun, Oct 2, 2011 9:33 pm
Subject: [pfr3_group] Re: Antenna for QRP Portable

3231. (no subject)

Yahoo group: pfr3_group
Date: 2011-10-04 23:06:21 UTC
From: Kenneth Anderson
Topic: 3231 Message: 3231

..Sexual activity is your activity http://www.ustr.fr/com.friend.php?slink_friend_id=68a0

3232. SWR Bridge Use

Yahoo group: pfr3_group
Date: 2011-10-05 20:13:42 UTC
From: Stan ae0sl
Topic: 3232 Message: 3232

Ok, I need the "for dummies" version of instructions for using the SWR bridge. I rarely see any LED darkening that I can detect, and yet my QRO power meter is not showing even the slightest deflection of the reflected power needle when I have it attached to the PFR-3. Also, I am routinely getting signal reports of 569 and 579 on the PFR-3 from the shack even though it would appear that I am not getting the antenna tuned.

I have normally been using the PFR-3 from the shack connecting to a 200 ft. inverted vee. I usually tune the antenna with an external manual Palstar tuner while it is connected to my FT-950. Then I switch the antenna and pre-tuned Palstar tuner to the coax connection on the PFR-3 and attempt to fine tune with the BLT. I have seen spots where I could see the LED dim, but 95% of the time I can sweep the LOAD control *VERY* slowly stopping every 10 degrees or so, without seeing any dimming.

Today, I took the rig out with a sloper 34 foot wire and 15 foot counterpoise on the balance line connections, and I could not find a match with the BLT.

I believe that the problem is my technique with the tuner controls, but I don't know what I am doing wrong. I sweep very slowly with the load control looking for the slightest dimming. If I do not see that anywhere, I stop every 10 degrees and then slowly sweep the tune control at each stop. I usually sweep first on the Hi-Z setting and then repeat with the other.

Do you have any advice on how I should be adjusting these controls? I will need to get this matched well if I am going to be successful using the rig in the field.

Thanks for the help.

3233. Re: [pfr3_group] SWR Bridge Use

Yahoo group: pfr3_group
Date: 2011-10-05 20:44:57 UTC
From: Steve Smith
Topic: 3232 Message: 3233

Hi Stan,

Your technique sounds basically sound to me.

When connected to an antenna, do you hear band noise? If not, are you certain in that S11 is optioned to the coax connector position? I would suggest double-checking its proper operation using an Ohm meter.

Are you first'peaking' the internal tuner controls for highest band noise? That gets the internal tuner controls 'in the ballpark' after which you can do the fine tuning.

Since your Palstar is already adjust for a low impedance source, do you have the internal tuner optioned for low impedance (S10 "Low Z")?

Have you tried adjusting the internal tuner while using a 50 Ohm, non-reactive load at the PFR3 antenna port? If you cannot get a LED dim using that configuration, there's something seriously awry.

Once you get the hang of using the internal tuner, I'd recommend ditching the Palstar when using the PFR3 in the shack. 2 tuners is just more loss.

73.......Steve Smith WB6TNL

3234. Re: SWR Bridge Use

Yahoo group: pfr3_group
Date: 2011-10-05 21:38:29 UTC
From: Stan ae0sl
Topic: 3232 Message: 3234

Yes, I hear band noise or signals when attached to an antenna. What has me puzzled is that I do not hear differences in the level of the band noise or signals as I sweep the LOAD and TUNE caps. I have made lots of contacts with good reports using this odd two-tuner configuration, but it does seem wrong.

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Stan,
>
> Your technique sounds basically sound to me.
>
> When connected to an antenna, do you hear band noise? If not, are you certain in that S11 is optioned to the coax connector position? I would suggest double-checking its proper operation using an Ohm meter.
>
> Are you first'peaking' the internal tuner controls for highest band noise? That gets the internal tuner controls 'in the ballpark' after which you can do the fine tuning.
>
> Since your Palstar is already adjust for a low impedance source, do you have the internal tuner optioned for low impedance (S10 "Low Z")?
>
> Have you tried adjusting the internal tuner while using a 50 Ohm, non-reactive load at the PFR3 antenna port? If you cannot get a LED dim using that configuration, there's something seriously awry.
>
> Once you get the hang of using the internal tuner, I'd recommend ditching the Palstar when using the PFR3 in the shack. 2 tuners is just more loss.
>
> 73.......Steve Smith WB6TNL
>

3235. RE: [pfr3_group] Re: SWR Bridge Use

Yahoo group: pfr3_group
Date: 2011-10-05 22:11:03 UTC
From: Dale Putnam
Topic: 3232 Message: 3235

The front end gain of the rx, and the effect of the preselecter, covers much of the selectivity afforded by the tuner. If one listens very closely, the general peaking may be heard when the tuner controls are swept through their range. That will get into the ball park. The other note of interest is that the tuner usually has very sharp peaks and it slips through the peaking while using a rx, very very quickly, with most antennas. Overall, it sounds to me that all is well in the little yellow box. Yes, it does seem unnatural, to those of us that are used to tuning and tweaking for max. Most of that has all been done for us with the very smart design work already acomplished. Good Dxing, and have a great day,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: ae0sl@...
Date: Wed, 5 Oct 2011 21:38:29 +0000
Subject: [pfr3_group] Re: SWR Bridge Use

Yes, I hear band noise or signals when attached to an antenna. What has me puzzled is that I do not hear differences in the level of the band noise or signals as I sweep the LOAD and TUNE caps. I have made lots of contacts with good reports using this odd two-tuner configuration, but it does seem wrong.

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:

>

> Hi Stan,

>

> Your technique sounds basically sound to me.

>

> When connected to an antenna, do you hear band noise? If not, are you certain in that S11 is optioned to the coax connector position? I would suggest double-checking its proper operation using an Ohm meter.

>

> Are you first'peaking' the internal tuner controls for highest band noise? That gets the internal tuner controls 'in the ballpark' after which you can do the fine tuning.

>

> Since your Palstar is already adjust for a low impedance source, do you have the internal tuner optioned for low impedance (S10 "Low Z")?

>

> Have you tried adjusting the internal tuner while using a 50 Ohm, non-reactive load at the PFR3 antenna port? If you cannot get a LED dim using that configuration, there's something seriously awry.

>

> Once you get the hang of using the internal tuner, I'd recommend ditching the Palstar when using the PFR3 in the shack. 2 tuners is just more loss.

>

> 73.......Steve Smith WB6TNL

>

3236. Re: [pfr3_group] Re: SWR Bridge Use

Yahoo group: pfr3_group
Date: 2011-10-05 23:34:03 UTC
From: Steve Smith
Topic: 3232 Message: 3236

OK, Stan.

Guess that was a stupid question. Of course you can hear band noise, otherwise you wouldn't be able to make contacts, HA!

What about the rest of my questions? Especially the dummy load one.

Well, its not 'wrong' per se. You are starting out with a load that has worked for you. Just not very efficient on the long run. The best setup is no tuner and an antenna that presents a 50 Ohm load but that is seldom possible.

73.....Steve Smith

---------- Original Message ----------
From: "Stan ae0sl" <ae0sl@radioham.org>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: SWR Bridge Use
Date: Wed, 05 Oct 2011 21:38:29 -0000

Yes, I hear band noise or signals when attached to an antenna. What has me puzzled is that I do not hear differences in the level of the band noise or signals as I sweep the LOAD and TUNE caps. I have made lots of contacts with good reports using this odd two-tuner configuration, but it does seem wrong.

3237. Re: SWR Bridge Use

Yahoo group: pfr3_group
Date: 2011-10-06 01:04:36 UTC
From: Stan ae0sl
Topic: 3232 Message: 3237

I am going to have to borrow a dummy load from a friend and try balancing that with the BLT. I am also going to take yet another pass at balancing a pre-tuned antenna system. That should present a lo-Z load. I suspect that I am not being as patent with the knobs as I think I am. I am trying to peak the controls for highest band noise, but I frankly can not hear ANY changes in band noise level as I sweep the controls. Again, I am probably not being sufficiently patient as I turn the knobs.

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> OK, Stan.
>
> Guess that was a stupid question. Of course you can hear band noise, otherwise you wouldn't be able to make contacts, HA!
>
> What about the rest of my questions? Especially the dummy load one.
>
> Well, its not 'wrong' per se. You are starting out with a load that has worked for you. Just not very efficient on the long run. The best setup is no tuner and an antenna that presents a 50 Ohm load but that is seldom possible.
>
> 73.....Steve Smith
>
> ---------- Original Message ----------
> From: "Stan ae0sl" <ae0sl@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: SWR Bridge Use
> Date: Wed, 05 Oct 2011 21:38:29 -0000
>
> Yes, I hear band noise or signals when attached to an antenna. What has me puzzled is that I do not hear differences in the level of the band noise or signals as I sweep the LOAD and TUNE caps. I have made lots of contacts with good reports using this odd two-tuner configuration, but it does seem wrong.
>

3238. RE: [pfr3_group] Re: SWR Bridge Use

Yahoo group: pfr3_group
Date: 2011-10-06 01:25:37 UTC
From: Dale Putnam
Topic: 3232 Message: 3238

IF you use a 50 ohm resistor, or a standard dummy load, the tuner should be switched out of circuit. It isn't to be used with a low resistance. However, if you want to practice tuning into an open line or a high impedance load, you may try a CARBON resistor no larger than 1 watt.. but parallel 4 or 6 of them to make a 4 - 6 watt load. Using a 1 watt rating tends to omit the wirewound resistors. So, with 6 in parallel, you would need 6 ea. 3.3k resisters. (3.3k divided by 6 =
550 ohm)... (and I didn't use new math either, just my fingers, or was that calc?) Solder the ends together, and attach a short pair of wires, to reach the red and black terminals on the PFR3. Tune, SLOWLY thru and watch the led dip. No problem, right? (Not everything in this world has got to go 200 mph. Or the speed of light....really) However, once you get the hang of tuning, and... if you normally use the same high impedance antenna... pencil notes will make tuning up again, a whole lot faster. You can return to the same settings time after time, and quick checks will make it very fast to get on the air. Have a great day,
--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: ae0sl@radioham.org
Date: Thu, 6 Oct 2011 01:04:36 +0000
Subject: [pfr3_group] Re: SWR Bridge Use

I am going to have to borrow a dummy load from a friend and try balancing that with the BLT. I am also going to take yet another pass at balancing a pre-tuned antenna system. That should present a lo-Z load. I suspect that I am not being as patent with the knobs as I think I am. I am trying to peak the controls for highest band noise, but I frankly can not hear ANY changes in band noise level as I sweep the controls. Again, I am probably not being sufficiently patient as I turn the knobs.

--- In pfr3_group@...m, "Steve Smith" <sigcom@...> wrote:

>

> OK, Stan.

>

> Guess that was a stupid question. Of course you can hear band noise, otherwise you wouldn't be able to make contacts, HA!

>

> What about the rest of my questions? Especially the dummy load one.

>

> Well, its not 'wrong' per se. You are starting out with a load that has worked for you. Just not very efficient on the long run. The best setup is no tuner and an antenna that

presents a 50 Ohm load but that is seldom possible.

>

> 73.....Steve Smith

>

> ---------- Original Message ----------

> From: "Stan ae0sl" <ae0sl@...>

> To: pfr3_group@yahoogroups.com

> Subject: [pfr3_group] Re: SWR Bridge Use

> Date: Wed, 05 Oct 2011 21:38:29 -0000

>

> Yes, I hear band noise or signals when attached to an antenna. What has me puzzled is that I do not hear differences in the level of the band noise or signals as I sweep the LOAD and TUNE caps. I have made lots of contacts with good reports using this odd two-tuner configuration, but it does seem wrong.

>

3239. Re: [pfr3_group] Re: SWR Bridge Use

Yahoo group: pfr3_group
Date: 2011-10-06 02:55:31 UTC
From: Steve Smith
Topic: 3232 Message: 3239

OK, just make sure that the dummy load you borrow is a good one or it will not dim the lamp. Actually, it may dimly illuminate because the bridge resistors are 51 Ohms.

With S8 in "Tune", S9 in "Coax" and a 50 Ohm non-reactive load attached to the BNC jack the LED will extinguish. If it doesn't dim completely or at least considerable, there's something wrong in the bridge. section.

Another thing to try is to do the same thing except, instead of using a dummy load, connect your antenna through your Palstar to the BNC jack. Then try dimming the LED using the Palstar tuner controls. That will confirm proper operation of the bridge.

BTW, I agree w/ Dale; sounds like your PFR3 is, for the most part, working just fine.

It's worth mentioning again that most, if not all, Z-Match tuners can be finiky to adjust to the best setting that transforms the load to 50 Ohms. It's not a bad thing, just the nature of the beast.

73.......Steve Smith WB6TNL

3240. Re: SWR Bridge Use

Yahoo group: pfr3_group
Date: 2011-10-06 03:56:05 UTC
From: Stan ae0sl
Topic: 3232 Message: 3240

Uuuhhh *BLUSH* I looked at the schematic and figured out what I was doing wrong. It is amazing how much better the BLT works when you have the switches in the right position. Never mind!

3241. Re: [pfr3_group] Re: SWR Bridge Use

Yahoo group: pfr3_group
Date: 2011-10-06 15:14:09 UTC
From: Steve Smith
Topic: 3232 Message: 3241

Well, that's great news Stan! Have fun with the Yellow Box!

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Stan ae0sl" <ae0sl@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: SWR Bridge Use
Date: Thu, 06 Oct 2011 03:56:05 -0000

Uuuhhh *BLUSH* I looked at the schematic and figured out what I was doing wrong. It is amazing how much better the BLT works when you have the switches in the right position. Never mind!

3242. german users of PFR-3 here?

Yahoo group: pfr3_group
Date: 2011-10-07 12:31:56 UTC
From: Andreas
Topic: 3242 Message: 3242

Hello group,

new here and not yet received my kit.
And looking for german hams or german speaking hams that are use PFR-3??

Would be nice to get some information about using the rig here in middle europe with big stations on 40m in the evening, and so on.

So if there are users in Germany or around, speaking german - amessage or mail at DL1AKP@... would be nice.

73, Andy, DL1AKP

3243. Re: PFR-3 Baby Black Widow Paddle

Yahoo group: pfr3_group
Date: 2011-10-07 18:48:14 UTC
From: Manuel
Topic: 3199 Message: 3243

Hi Jerry
You make my lucky Day ;-)
I'm really happy to get my PFR-3 Black Widdow Paddle W5JH NR.155, and finally cpmplete my SOTA SETUP.
Tomorrow i will work for PREPARING Jamboree Scout Station but I will try to get free time to mount this KIT.
Thank's a lot for your support and help on promoting CW, DX and herlping on preserve the hobby.

Big 73s from Marq ...ct1bww

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
>
> Check out this fb video on the BBW. http://www.youtube.com/watch?v=Yq8hYtP2q_U
>
> Grant VK4JAZ
> --- In pfr3_group@yahoogroups.com, "CT1BWW Portuguese Amateur Radio Station" <ct1bww@> wrote:
> >
> > Hi
> > I was lucky to be one of the last " 3 "!
> > Here my coments to Jerry W5JH:
> > " You don't have idea how much i like your paddle!
> > Very said that you give up on business :("
> > 73s Marq ct1bww
> >
> >
> >
> >
> > > I just ordered the BBW. Gerry said he is discontinuing them and is down
> > > to 3 units.
> > >
> > > --- In pfr3_group@yahoogroups.com, James Anderson <ars.ac0ow@> wrote:
> > >>
> > >> Just got a BBW from Gerry and love it. Very nice "feel" and "touch".
> > >> Assembly easy and all works well. Get one you'll like it and it works
> > >> well with the PFR-3
> > >>
> > >> 73 Jim Anderson
> > >> AC0OW
> > >>
> > >
> > >
> > >

> >
> >
> > 73s frm Marq...ct1 "bravo willy willy"
> > Portuguese Amateur Radio Station
> > "We are what we comunicate!"
> > http://www.ct1bww.com
> > http://www.qsl.net/ct1bww
> >
>

3244. Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-08 10:11:10 UTC
From: John Farmer
Topic: 3244 Message: 3244

Hello All,

I finished my yellow box today and in the interests of honest appraisal and feedback, I just want to record my disappointment with the QC on the components of this kit.

When my kit arrived, it was missing the decal sheets, both binding post threads were damaged (they were unusable) and the red LED filter was creased and damaged. Not a big problem. Doug replaced the fautly parts and I continued the build while waiting for them to arrive.

So today I cut out the decals and started to apply them. Disaster. The decals broke into dozens of brittle little pieces after only a short soak. They were impossible to use. Even the smaller ones broke into multiple fragments as they were slid off the backing sheet. What a mess. I'm experienced using these decals (several previous kits went very smoothly) and I'm confident this disaster wasn't due to my technique.

So I have a yellow box at last, but with no decals. A disappointing finish to an otherwise nicely designed rig.

73,

John
VK7JB

3245. RE: [pfr3_group] Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-08 12:35:39 UTC
From: Paul Feltz
Topic: 3244 Message: 3245

John:
I have an early PFR-3 with the silk screened yellow box, no decals. I am very happy with it and how it looks. I often take it to a hamfest and leave on display as a discussion piece about QRP and the fine little radio but with a note attached; "not for sale!".

I would be willing to pay the additional cost for a silk screened chassis and end up with a product I can be proud of and proud to show. That alone makes the difference between radio or project you will not show to your friends or not. It will also go a long way to retain product value if for whatever reason you want to sell it. Seems like most other kit makers find a way to silkscreen rather than cheapen the product with a cheap decal. Raise the price as needed for silkscreen, pitch the decals. Anyone agree with me?

72, Paul WA0VDM
Brush, Colorado

To: pfr3_group@yahoogroups.com
From: zendoc@...
Date: Sat, 8 Oct 2011 10:11:10 +0000
Subject: [pfr3_group] Disappointed about the decals...

Hello All,

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73,

John
VK7JB

3246. RE: [pfr3_group] Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-08 13:12:13 UTC
From: Dale Putnam
Topic: 3244 Message: 3246

YES!! The early run of silkscreen does look and last a lot better than the decals, even with extra care and two coats of ClearCoat on the decals.Not knowing what the issues are for silkscreen, I can't say that I'd stand the cost of that, however, I do agree that the silkscreen MAKES the radio.

--... ...--
Dale - WC7S in Wyformerly WA0LRJ in Wray, Colorado
To: pfr3_group@yahoogroups.com
From: paulfeltz@...
Date: Sat, 8 Oct 2011 07:35:39 -0500
Subject: RE: [pfr3_group] Disappointed about the decals...

John:

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Brush, Colorado

To: pfr3_group@yahoogroups.com
From: zendoc@...
Date: Sat, 8 Oct 2011 10:11:10 +0000
Subject: [pfr3_group] Disappointed about the decals...

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and I'm confident this disaster wasn't due to my technique.

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73,

John
VK7JB

3247. RE: [pfr3_group] Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-08 13:59:41 UTC
From: Paul Feltz
Topic: 3244 Message: 3247

Dale:
Doug once told me the cost might go up about $35. I would be good with that for a product that LOOKS as good as it works. Without it, it gives the appearance of CHEAP. Perhaps on the smaller accessories, tuners, and etc. it would be OK for decals but not on the "main rig". So, $35 silk screen added on to a $35 accessory may not cut it marketing/pricing wise.

I do appreciate the line of products Doug has and the quality with exception to the silk screen issue. Perhaps I am just too picky on appearance.

72, Paul WA0VDM

To: pfr3_group@yahoogroups.com
From: daleputnam@...
Date: Sat, 8 Oct 2011 07:12:13 -0600
Subject: RE: [pfr3_group] Disappointed about the decals...

YES!! The early run of silkscreen does look and last a lot better than the decals, even with extra care and two coats of ClearCoat on the decals.
Not knowing what the issues are for silkscreen, I can't say that I'd stand the cost of that, however, I do agree that the silkscreen MAKES the radio.

--... ...-- Dale - WC7S in Wy
formerly WA0LRJ in Wray, Colorado

To: pfr3_group@yahoogroups.com
From: paulfeltz@hotmail.com
Date: Sat, 8 Oct 2011 07:35:39 -0500
Subject: RE: [pfr3_group] Disappointed about the decals...

John:
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72, Paul WA0VDM
Brush, Colorado

To: pfr3_group@yahoogroups.com
From: zendoc@...

Date: Sat, 8 Oct 2011 10:11:10 +0000
Subject: [pfr3_group] Disappointed about the decals...

Hello All,

I finished my yellow box today and in the interests of honest appraisal and feedback, I just want to record my disappointment with the QC on the components of this kit.

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So I have a yellow box at last, but with no decals. A disappointing finish to an otherwise nicely designed rig.

73,

John
VK7JB

3248. Re: [pfr3_group] Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-08 14:26:00 UTC
From: lahagar1@aol.com
Topic: 3244 Message: 3248

Paul,

If the decals were like mine (maybe not John's) they were standard decals similar to those used on scale model kits. Two sets were provided in case one might be damaged during installation. Yes, my initial reaction was that by eliminating the silk screening in favor of water-based decals could only result in a marginal cost reduction for Hendricks on a per unit basis that is probably less than the amount the kit builder spends buying a can of Krylon Acrylic Matte spray finish.

Also, the process of applying the decals itself, in my case, only added marginal enjoyment and feeling of accomplishment. It did remind me of happy times as a kid building model airplanes however, and so that was a plus. After I got over these amusing thoughts I found that the materials were good quality, the installation was easy and after the application of two light coats of Krylon the decals are permanently affixed and protected from wear. So, the result was labeling fit for the purpose with a sharp look.

I've shown the completed kit to other hams who routinely ask all kinds of questions about the building process, technical details and field performance. I don't recall anyone ever asking me about the labels and I doubt most of them would have even realized they were part of the homebuilding process until I told them. My PFR-3A gets cleaned with a wet cloth periodically to wipe away accumulated grime and this has no effect on the decals.

For those builders that grew up making model cars or airplanes, applying these decals probably seems like second nature. However I have a feeling that some folks assembling the PFR-3A have never assembled a scale model kit that required the application of this type of decal, and learning this technique takes a bit of practice. If there is anyone reading this string that would like to see what is involved labeling the PFR-3A, here is a short video clip:

http://www.youtube.com/user/NG9D?feature=mhee#p/u/40/lFtlSPw7GZA

I'll bet Hendricks would be more than happy to send replacement sets of decals to John, they have been very good to me responding to parts shortages. I wasn't going to reply to this, but then I thought someone might find the decal subject as a reason not to build this nice radio kit, and that would be a shame. The decals are fine.

73,
LYNN
NG9D

-----Original Message-----
From: Paul Feltz <paulfeltz@hotmail.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Oct 8, 2011 7:36 am
Subject: RE: [pfr3_group] Disappointed about the decals...

John:
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Brush, Colorado

To: pfr3_group@yahoogroups.com
From: zendoc@...
Date: Sat, 8 Oct 2011 10:11:10 +0000
Subject: [pfr3_group] Disappointed about the decals...

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73,

John
VK7JB

3249. RE: [pfr3_group] Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-08 14:26:27 UTC
From: Dale Putnam
Topic: 3244 Message: 3249

It would be nice to have an option to redo the front cover... with silkscreen, or order it that way, or with the decals. I know it is a tuff job to stay even with the changes folks make when the get something going then abruptly change gears,so I can appreciate all the extra effort that Doug has put into the little yellow box already. And if it were an option, the pricing wouldn't drive it outta the inexpensive marketplace either. And no.. not picky at all.. simply honest.Have a great day,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: paulfeltz@...
Date: Sat, 8 Oct 2011 08:59:41 -0500
Subject: RE: [pfr3_group] Disappointed about the decals...

Dale:

Doug once told me the cost might go up about $35. I would be good with that for a product that LOOKS as good as it works. Without it, it gives the appearance of CHEAP. Perhaps on the smaller accessories, tuners, and etc. it would be OK for decals but not on the "main rig". So, $35 silk screen added on to a $35 accessory may not cut it marketing/pricing wise.

I do appreciate the line of products Doug has and the quality with exception to the silk screen issue. Perhaps I am just too picky on appearance.

72, Paul WA0VDM

To: pfr3_group@yahoogroups.com
From: daleputnam@...
Date: Sat, 8 Oct 2011 07:12:13 -0600
Subject: RE: [pfr3_group] Disappointed about the decals...

YES!! The early run of silkscreen does look and last a lot better than the decals, even with extra care and two coats of ClearCoat on the decals.
Not knowing what the issues are for silkscreen, I can't say that I'd stand the cost of that, however, I do agree that the silkscreen MAKES the radio.

--... ...-- Dale - WC7S in Wy
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To: pfr3_group@yahoogroups.com
From: paulfeltz@...m
Date: Sat, 8 Oct 2011 07:35:39 -0500
Subject: RE: [pfr3_group] Disappointed about the decals...

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73,

John
VK7JB

3250. Re: Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-08 18:08:59 UTC
From: k6mgo@verizon.net
Topic: 3244 Message: 3250

I agree with you for the most part, Lynn, having made many model airplanes, and early radio kits, I've worked with decals many times before. I messed up a few of the decals, tearing them, but, for the most part, it went smoothly. Having two sets made it very nice.

However, I also would have been happy to pay a reasonable amount to get a silk screened case, just for the looks and quality it adds.

I watched your video, and got a kick out of you sending code to describe the steps to apply the decals, (hope you weren't using a keyboard, as the code was beautiful).

P.S. Just QNIed with my PFR3 to the QRP-WSN group for the Saturday morning net, and copied QRP stations from Utah to San Diego and east to Reno and Garderville NV. with my indoor antenna in the rafters of my garage. This was about the fourth time to QNI with the PFR3, (love this rig).

73, Bill, k6mgo

3251. Re: [pfr3_group] Re: Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-08 18:27:28 UTC
From: lahagar1@aol.com
Topic: 3244 Message: 3251

Bill - QSL. Yes, you caught me! A keyboard!! By the way, the keyboard keyer is also a kit that was sold by K1EL called K20. I have it tethered to a dedicated Dell QuiteKey keyboard and the junction box contains jacks for paddle and output to rig and a 9V battery. It is a superb kit, but I think K1EL is now offering more advanced models. If the new models are like that old K20, they are top notch and reasonably priced kits.

73 Lynn
NG9D

-----Original Message-----
From: k6mgo <k6mgo@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Oct 8, 2011 1:09 pm
Subject: [pfr3_group] Re: Disappointed about the decals...

I agree with you for the most part, Lynn, having made many model airplanes, and early radio kits, I've worked with decals many times before. I messed up a few of the decals, tearing them, but, for the most part, it went smoothly. Having two sets made it very nice.

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73, Bill, k6mgo

3252. Re: [pfr3_group] Re: Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-08 21:31:22 UTC
From: Thomas Whatley
Topic: 3244 Message: 3252

*Yes, K1EL has a much better keyboard kit called the K42. I use mine often
and retired the old one. Will gladly give it anyone who will pay postage.
T. Bone KI4FD
*

3253. Re: Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-08 22:27:13 UTC
From: John Farmer
Topic: 3244 Message: 3253

Paul, I agree. Considering how much time and attention to detail we all put into bringing these yellow boxes to life, I'd very happily pay $35 extra to make it a radio fit to be shown off.

I'm proud of the insides of my radio, but now have no labelling on the outside, so it looks VERY homegrown. I'm certainly not proud of the appearance of the outcome of my efforts.

Lynn, I value your comments, but as I said, I have some considerable experience in the application of model decals and I've also completed at least 5 of Doug's other kits which use them. The others have gone on fine. There was something amiss with both the sheets I was sent to replace those missing from the original kit. This will be the third "trip" back to Doug with QC issues on this kit. That's detracted from the building experience for me.

The other problem I've found with using decals on functional equipment is that they are NOT very durable. Those on my WeberDualBander are wearing off after 18 months of light use around the shack and despite several layers of Krylon to protect them. I don't imagine those on my Hendricks TennaDipper will last long either, because that unit will be in and out of my portable bag to earn its keep.

Perhaps Doug might reconsider a re-run of the silk-screened cases for the PFR-3? Word of mouth advertising depends on people being proud and wanting to show off their creations. We'd all be better off without decals on this rig - it is, afterall, the top of Doug's range.

In the meantime, I need some more decals. I'm off to send another email to Doug.

73,

John
VK7JB

--- In pfr3_group@yahoogroups.com, Paul Feltz <paulfeltz@...> wrote:
>
>
> Dale:
> Doug once told me the cost might go up about $35. I would be good with that for a product that LOOKS as good as it works. Without it, it gives the appearance of CHEAP. Perhaps on the smaller accessories, tuners, and etc. it would be OK for decals but not on the "main rig". So, $35 silk screen added on to a $35 accessory may not cut it marketing/pricing wise.
>
> I do appreciate the line of products Doug has and the quality with exception to the silk screen issue. Perhaps I am just too picky on appearance.
>
> 72, Paul WA0VDM
>
>

>
>
> To: pfr3_group@yahoogroups.com
> From: daleputnam@...
> Date: Sat, 8 Oct 2011 07:12:13 -0600
> Subject: RE: [pfr3_group] Disappointed about the decals...
>
>
>
>
>
>
>
> YES!! The early run of silkscreen does look and last a lot better than the decals, even with extra care and two coats of ClearCoat on the decals.
> Not knowing what the issues are for silkscreen, I can't say that I'd stand the cost of that, however, I do agree that the silkscreen MAKES the radio.
>
>
> --... ...-- Dale - WC7S in Wy
> formerly WA0LRJ in Wray, Colorado
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: paulfeltz@...
> Date: Sat, 8 Oct 2011 07:35:39 -0500
> Subject: RE: [pfr3_group] Disappointed about the decals...
>
>
>
>
>
>
> John:
> I have an early PFR-3 with the silk screened yellow box, no decals. I am very happy with it and how it looks. I often take it to a hamfest and leave on display as a discussion piece about QRP and the fine little radio but with a note attached; "not for sale!".
>
> I would be willing to pay the additional cost for a silk screened chassis and end up with a product I can be proud of and proud to show. That alone makes the difference between radio or project you will not show to your friends or not. It will also go a long way to retain product value if for whatever reason you want to sell it. Seems like most other kit makers find a way to silkscreen rather than cheapen the product with a cheap decal. Raise the price as needed for silkscreen, pitch the decals. Anyone agree with me?
>
> 72, Paul WA0VDM
> Brush, Colorado
>
>

>
>
> To: pfr3_group@yahoogroups.com
> From: zendoc@...
> Date: Sat, 8 Oct 2011 10:11:10 +0000
> Subject: [pfr3_group] Disappointed about the decals...
>
>
>
>
> Hello All,
>
> I finished my yellow box today and in the interests of honest appraisal and feedback, I just want to record my disappointment with the QC on the components of this kit.
>
> When my kit arrived, it was missing the decal sheets, both binding post threads were damaged (they were unusable) and the red LED filter was creased and damaged. Not a big problem. Doug replaced the fautly parts and I continued the build while waiting for them to arrive.
>
> So today I cut out the decals and started to apply them. Disaster. The decals broke into dozens of brittle little pieces after only a short soak. They were impossible to use. Even the smaller ones broke into multiple fragments as they were slid off the backing sheet. What a mess. I'm experienced using these decals (several previous kits went very smoothly) and I'm confident this disaster wasn't due to my technique.
>
> So I have a yellow box at last, but with no decals. A disappointing finish to an otherwise nicely designed rig.
>
> 73,
>
> John
> VK7JB
>

3254. Re: [pfr3_group] Re: Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-08 23:23:10 UTC
From: Larry Makoski
Topic: 3244 Message: 3254

John,

Did you ever consider making your own?

http://www.decalpaper.com/?gclid=CK7gofKc2qsCFd505QodHizsSQ

I used this stuff to make decals for my AA0ZZ keyer and they came out great! You can choose any font you want and design them anyway you want.

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

3255. Re: [pfr3_group] Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-09 09:30:54 UTC
From: David Wilcox
Topic: 3244 Message: 3255

I second the motion. Last night I pulled my PFR-3 out of storage and used it for a few hours..... mine was one of the first runs with the silk screened case. I have done a lot of water decal installation and would gladly pay a little more for a professional silk screened case. It really looks classy and even better than my best efforts with water decals. So,for any kit providers out there we hams can give up something else somewhere to pay the extra for a professional looking case. Skip the water decals.... please.

Dave K8WPE

From: Paul Feltz <paulfeltz@...>
To: pfr3_group@yahoogroups.com
Sent: Saturday, October 8, 2011 8:35 AM
Subject: RE: [pfr3_group] Disappointed about the decals...

John:
I have an early PFR-3 with the silk screened yellow box, no decals. I am very happy with it and how it looks. I often take it to a hamfest and leave on display as a discussion piece about QRP and the fine little radio but with a note attached; "not for sale!".

I would be willing to pay the additional cost for a silk screened chassis and end up with a product I can be proud of and proud to show. That alone makes the difference between radio or project you will not show to your friends or not. It will also go a long way to retain product value if for whatever reason you want to sell it. Seems like most other kit makers find a way to silkscreen rather than cheapen the product with a cheap decal. Raise the price as needed for silkscreen, pitch the decals. Anyone agree with me?

72, Paul WA0VDM
Brush, Colorado

To: pfr3_group@yahoogroups.com
From: zendoc@...
Date: Sat, 8 Oct 2011 10:11:10 +0000
Subject: [pfr3_group] Disappointed about the decals...

Hello All,

I finished my yellow box today and in the interests of honest appraisal and feedback, I just want to record my disappointment with the QC on the components of this kit.

When my kit arrived, it was missing the decal sheets, both binding post threads were damaged (they were unusable) and the red LED filter was creased and damaged. Not a big problem. Doug replaced the fautly parts and I continued the build while waiting for them to arrive.

So today I cut out the decals and started to apply them. Disaster. The decals broke into dozens of brittle little pieces after only a short soak. They were impossible to use. Even the smaller ones broke into multiple fragments as they were slid off the backing sheet. What a mess. I'm experienced using these decals (several previous kits went very smoothly) and I'm confident this disaster wasn't due to my technique.

So I have a yellow box at last, but with no decals. A disappointing finish to an otherwise nicely designed rig.

73,

John
VK7JB

3256. The case for kit decals versus silk screened ccase

Yahoo group: pfr3_group
Date: 2011-10-09 09:43:50 UTC
From: David Wilcox
Topic: 3256 Message: 3256

I second the motion. Last night I pulled my PFR-3 out of storage and used it for a few hours..... mine was one of the first runs with the silk screened case. I have done a lot of water decal installation and would gladly pay a little more for a professional silk screened case. It really looks classy and even better than my best efforts with water decals. So,for any kit providers out there we hams can give up something else somewhere to pay the extra for a professional looking case. Skip the water decals.... please.

Dave K8WPE

3257. Re:

Yahoo group: pfr3_group
Date: 2011-10-09 09:48:00 UTC
From: Kenneth Anderson
Topic: 3257 Message: 3257

.Let?s give up smoking! http://www.odenvoyage.ironie.org/com.friend.php?upage=41ga9

3258. Re: [pfr3_group] Disappointed about the decals...

Yahoo group: pfr3_group
Date: 2011-10-09 17:45:31 UTC
From: f6ddv
Topic: 3244 Message: 3258

Hello David
And good morning
I must say that I am somewhat agree with you, I like the finished work, and fortunately I had two kits, decals,
despite the two as I had to bring the two sides on two sheets of Decalcit broken, and I can say that it takes great care must be very quiet.
Maybe with a lot of practice it would be correct, but if you look closely, it's not really perfect, despite a good varnish, difficult to apply because you have to know varnished several times and it is also somewhat delicate.
I think I agreed to pay a little more expensive.
In the photos it is not the default, but the eye is clearly visible leaves Decalcit under the veneer.
Well, well, it's probably cheaper so do not be too difficult
73S
jean paul F6DDV
----- Original Message -----
From: David Wilcox
To: pfr3_group@...m
Sent: Sunday, October 09, 2011 11:30 AM
Subject: Re: [pfr3_group] Disappointed about the decals...

I second the motion. Last night I pulled my PFR-3 out of storage and used it for a few hours..... mine was one of the first runs with the silk screened case. I have done a lot of water decal installation and would gladly pay a little more for a professional silk screened case. It really looks classy and even better than my best efforts with water decals. So,for any kit providers out there we hams can give up something else somewhere to pay the extra for a professional looking case. Skip the water decals.... please.

Dave K8WPE

From: Paul Feltz <paulfeltz@...>
To: pfr3_group@yahoogroups.com
Sent: Saturday, October 8, 2011 8:35 AM
Subject: RE: [pfr3_group] Disappointed about the decals...

John:
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72, Paul WA0VDM
Brush, Colorado

To: pfr3_group@yahoogroups.com
From: zendoc@...
Date: Sat, 8 Oct 2011 10:11:10 +0000
Subject: [pfr3_group] Disappointed about the decals...

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So I have a yellow box at last, but with no decals. A disappointing finish to an otherwise nicely designed rig.

73,

John
VK7JB

3259. Re: The case for kit decals versus silk screened ccase

Yahoo group: pfr3_group
Date: 2011-10-10 03:56:27 UTC
From: Grant
Topic: 3256 Message: 3259

Funnily enough, my decals were OK. I must admit, I did mess up quite a few and thanked goodness for the second set. Overall, I enjoyed the process of applying them and spraying the enclosure. I think I eventually settled for about eight coats! How it lasts is another question. I am hoping it stands the ravages of time.

3260. Silk screening will return.

Yahoo group: pfr3_group
Date: 2011-10-10 14:17:30 UTC
From: Dan
Topic: 3260 Message: 3260

I have looked at all the little rigs and I have made my decisions to buy this one. However, I will wait until silk screening returns to the rig. I never was good with water labels. I would suggest that Doug try Nevada for a good price on silk screening. We have a real unemployment rate of 25 percent and I am sure he could find a good price here. Doug if you are interested I will do the leg work for you here in the Reno area.

I do think silk screening will return to the rig. It is just a matter of time until he finds the right silk screen provider. One that can provide a good service at a good rate with passion.

73, Dan KM6CQ

3261. Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-13 22:44:56 UTC
From: Grant
Topic: 3261 Message: 3261

Hi, Well my Hendricks Dummy Load kit has arrived and I have built it. Using it to measure the RF power output on the different bands and using the formula P = E square/ R, I get the following results (with input voltage 12V DC and dummy load of 50 ohms):

On 40m: E = 21 4V, P = 9.1592W
On 30m: E = 21.9V, P = 9.5922W
On 20m: E = 22.2V, P = 9.8568W

Now here's my challenge: Apart from the output being way higher than the 5W indicated in the specs, if I read off the E values on Doug Hendrick's chart (in the instructions for the dummy load kit and as supplied by Tony Parks KB9YIG, DC output of around 21V should be a power output of just over 4W. Then, if I use the formula as supplied by Elecraft in the instructions for their dummy load kit, and using the voltage I got for 40m, I get a power output of 18.4948W.

Most confusing, to say the least. By the way, the Elecraft formula is:

P = [921.4 x 1.414) + 0.15]squared / 50

Any ideas firstly on the different formulae, and secondly, do I need to readjust the windings of my torroids to bring the output readings down to the 5W mark?

Regards
Grant VK4JAZ

3262. RE: [pfr3_group] Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-13 23:02:45 UTC
From: Jerry Haigwood
Topic: 3261 Message: 3262

Grant,

I don☐t know what you are using to measure with but the best way is with a scope. Take the peak-to-peak voltage divided it by ½ and multiply by .707 to get RMS voltage. Square the voltage and divide by the impedance of the dummy load (50 ohms). If you are measuring the voltage across the dummy load with rectified and filtered RF using a DC meter, you would add the voltage drop (.6 or.7V), multiply the voltage by .707, square it and then divide by the impedance of the dummy load.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Grant
Sent: Thursday, October 13, 2011 5:45 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Measuring power output

Hi, Well my Hendricks Dummy Load kit has arrived and I have built it. Using it to measure the RF power output on the different bands and using the formula P = E square/ R, I get the following results (with input voltage 12V DC and dummy load of 50 ohms):

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Any ideas firstly on the different formulae, and secondly, do I need to readjust the windings of my torroids to bring the output readings down to the 5W mark?

Regards
Grant VK4JAZ

3263. Re: [pfr3_group] Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-13 23:01:46 UTC
From: Matt Maguire
Topic: 3261 Message: 3263

Remember, for AC signals like RF, the voltage is constantly changing, so when you measure AC voltage, it is important to specify how you are measuring it.
- peak-to-peak?
- peak?
- root-mean-square (RMS)?

This last one is what you need to use in the P=E^2/R formula. If you have one of the first two values, and the signal is sinusoidal (like it should be for a simple unmodulated carrier), it is easy to convert to RMS:
E[rms] = E[peak-to-peak]*2/sqrt(2)
E[rms] = E[peak] / sqrt(2)

This is probably the reason why you see different formulas: they probably have these conversions built into them. Also, if the signal is not sinusoidal (eg. like when you overdrive your transmitter), then the formulas may or may not be valid, depending on what assumptions were made in deriving the formula.

73,
Matt VK2ACL.

On 14/10/2011, at 9:44 AM, Grant wrote:

> Hi, Well my Hendricks Dummy Load kit has arrived and I have built it. Using it to measure the RF power output on the different bands and using the formula P = E square/ R, I get the following results (with input voltage 12V DC and dummy load of 50 ohms):
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> Most confusing, to say the least. By the way, the Elecraft formula is:
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> P = [921.4 x 1.414) + 0.15]squared / 50
>
> Any ideas firstly on the different formulae, and secondly, do I need to readjust the windings of my torroids to bring the output readings down to the 5W mark?
>
> Regards
> Grant VK4JAZ

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>
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
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3264. Re: [pfr3_group] Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-13 23:08:37 UTC
From: Matt Maguire
Topic: 3261 Message: 3264

Sorry, for peak-to-peak the conversion would be:
E[rms] = E[peak-to-peak] / (2*sqrt(2))

Haven't had my morning coffee yet! :-)

73,
Matt VK2ACL

On 14/10/2011, at 10:01 AM, Matt Maguire wrote:

> Remember, for AC signals like RF, the voltage is constantly changing, so when you measure AC voltage, it is important to specify how you are measuring it.
> - peak-to-peak?
> - peak?
> - root-mean-square (RMS)?
>
> This last one is what you need to use in the P=E^2/R formula. If you have one of the first two values, and the signal is sinusoidal (like it should be for a simple unmodulated carrier), it is easy to convert to RMS:
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> This is probably the reason why you see different formulas: they probably have these conversions built into them. Also, if the signal is not sinusoidal (eg. like when you overdrive your transmitter), then the formulas may or may not be valid, depending on what assumptions were made in deriving the formula.
>
> 73,
> Matt VK2ACL.
>
> On 14/10/2011, at 9:44 AM, Grant wrote:
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>> Regards
>> Grant VK4JAZ
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>>
>>
>> ------------------------------------
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>

3265. Re: [pfr3_group] Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-13 23:24:53 UTC
From: Steve Smith
Topic: 3261 Message: 3265

Short story: Use the chart. I'm certain Tony made certain it's accurate.

Long story: Yes, the formual is P=E^/R but you also need to convert from Peak-to-peak to RMS Volts. You do that by dividing the Voltage (E) by 1.414. In your case, for your 40 Meters measurement, 21.4/1.414=15.13 VRMS. 15.13^=228.98/50=4.58 Watts.

You can make your detector do the peak to RMS conversion for you by adding a divider resistor. You need to know the input resistance of your DVM.

Elecraft is measuring at the 'center-tap' of the load so the resulting voltage will be one half of what you would normall measure across a 50 Ohm load. The '+ 0.15' part of the equation compensates for the voltage drop across the diode. You can to the same thing with the Hendricks detector circcuit but my bet is that Tony Parks already took that into consideration when he generated the chart. You might drop him an email to confirm that.

Looks to me that your Little Yellow Box is working just fine!

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Measuring power output
Date: Thu, 13 Oct 2011 22:44:56 -0000

Hi, Well my Hendricks Dummy Load kit has arrived and I have built it. Using it to measure the RF power output on the different bands and using the formula P = E square/ R, I get the following results (with input voltage 12V DC and dummy load of 50 ohms):

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Most confusing, to say the least. By the way, the Elecraft formula is:

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Any ideas firstly on the different formulae, and secondly, do I need to readjust the windings of my torroids to bring the output readings down to the 5W mark?

Regards
Grant VK4JAZ

3266. Re: [pfr3_group] Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-13 23:35:12 UTC
From: Steve Smith
Topic: 3261 Message: 3266

I forgot to add a link:

"You can make your detector do the peak to RMS conversion for you by adding a divider resistor. You need to know the input resistance of your DVM." See: http://n5ese.com/rfprobe1.htm

Also, yes a 'scope is the best way to measure the p/out if it's properly calibrated and has proper probes. Sadly, few hams own a 'scope that meets that criteria. However, a simple diode detector can be quite accurate at power levels above 100 mW or so -if- it is built properly, the component values are closely measured (including the dummy load) and the meter used to take the voltage measurement is of known accuracy.

73.......Steve Smith WB6TNL

3267. Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-14 00:24:05 UTC
From: Grant
Topic: 3261 Message: 3267

Thanks guys, this is good news. Yes, I forgot to divide by 1.414. Tony's chart looks good. I do have a CRO (an old one) so next I'll try hooking that up and figuring out how to get the readings. I presume I need to open the rig's enclosure and take the measurement across the BNC socket. Of course, I'll attach the rig to a dummy load.

Regards
Grant

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Short story: Use the chart. I'm certain Tony made certain it's accurate.
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> Long story: Yes, the formual is P=E^/R but you also need to convert from Peak-to-peak to RMS Volts. You do that by dividing the Voltage (E) by 1.414. In your case, for your 40 Meters measurement, 21.4/1.414=15.13 VRMS. 15.13^=228.98/50=4.58 Watts.
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> 73.......Steve Smith WB6TNL
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> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Measuring power output
> Date: Thu, 13 Oct 2011 22:44:56 -0000
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> On 40m: E = 21 4V, P = 9.1592W
> On 30m: E = 21.9V, P = 9.5922W
> On 20m: E = 22.2V, P = 9.8568W
>
> Now here's my challenge: Apart from the output being way higher than the 5W indicated in the specs, if I read off the E values on Doug Hendrick's chart (in the instructions for the

dummy load kit and as supplied by Tony Parks KB9YIG, DC output of around 21V should be a power output of just over 4W. Then, if I use the formula as supplied by Elecraft in the instructions for their dummy load kit, and using the voltage I got for 40m, I get a power output of 18.4948W.
>
> Most confusing, to say the least. By the way, the Elecraft formula is:
>
> P = [921.4 x 1.414) + 0.15]squared / 50
>
> Any ideas firstly on the different formulae, and secondly, do I need to readjust the windings of my torroids to bring the output readings down to the 5W mark?
>
> Regards
> Grant VK4JAZ
>

3268. Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-14 01:18:33 UTC
From: John Farmer
Topic: 3261 Message: 3268

Hi Grant,

The formula provided with the Elecraft dummy load kit takes into account that the RF voltage is measured across only half the dummy load (ie 25ohm) in that design. In addition, and unhelpfully, the formula itself is widely acknowledged to be in error. Ignore it. There is quite a bit of discussion on the Elecraft reflector about this. I have no idea why they have never issued a correction. Don Wilhelm, the reflector guru, provides a very neat derivation of the correct formula to use with the Elecraft dummy load and I can email that to you if you're interested. What's more, the correct formula accords with measured reality, which is always reassuring <grin>. The formula provided in their kit is nonsense.

Looks to me like your voltage figues are in the ballpark, Grant. You can use your dummy load/RF voltage kit to recalibrate your meter now.

Cheers,
John
VK7JB

3269. Re: [pfr3_group] Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-14 01:23:40 UTC
From: Steve Smith
Topic: 3261 Message: 3269

Grant,

No need to open the rig. Just take the measurement at a convenient spot on the Hendricks load PC board.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Grant" <grantmcduling@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Measuring power output
Date: Fri, 14 Oct 2011 00:24:05 -0000

Thanks guys, this is good news. Yes, I forgot to divide by 1.414. Tony's chart looks good. I do have a CRO (an old one) so next I'll try hooking that up and figuring out how to get the readings. I presume I need to open the rig's enclosure and take the measurement across the BNC socket. Of course, I'll attach the rig to a dummy load.

Regards
Grant

3270. Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-14 01:44:12 UTC
From: Grant
Topic: 3261 Message: 3270

Thanks guys. What a great piece of gear the Hendrick dummy load/power meter is. I need to obtain a male-male BNC adapter now so I can attach it directly to the rig. This will make it easier to take measurements as the little pins are so small and difficult to steady the probes of the DMM to especially when trying to key down at the same time!

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Grant,
>
> No need to open the rig. Just take the measurement at a convenient spot on the Hendricks load PC board.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "Grant" <grantmcduling@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Measuring power output
> Date: Fri, 14 Oct 2011 00:24:05 -0000
>
> Thanks guys, this is good news. Yes, I forgot to divide by 1.414. Tony's chart looks good. I do have a CRO (an old one) so next I'll try hooking that up and figuring out how to get the readings. I presume I need to open the rig's enclosure and take the measurement across the BNC socket. Of course, I'll attach the rig to a dummy load.
>
> Regards
> Grant
>

3271. Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-14 21:29:27 UTC
From: Thomas Whatley
Topic: 3261 Message: 3271

*Try this formula: P = [(V + .1 X .707) squared] / R
with this 14.04 = 2 watts
17.22 = 3 watts
19.9 = 4 watts
22.2 = 5 watts

The .1 is for the voltage drip in the diode
to convert peak reading to RMS use the .707

T. Bone KI4FD
*

3272. Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-14 21:53:11 UTC
From: John Farmer
Topic: 3261 Message: 3272

KI4FD & Grant,

Yes, you do need to take into account the forward voltage drop across the diode. But, isn't the drop across a 1N5711 close to 0.33V, rather than 0.1V?

I have made up several peak reading RF voltmeters and I measure and record the voltage drop for the diode I'm using before I put it in the circuit. For 1N5711's, it's always been 0.3-0.33V.

73,

John
VK7JB

--- In pfr3_group@yahoogroups.com, Thomas Whatley <tbone1417@...> wrote:
>
> *Try this formula: P = [(V + .1 X .707) squared] / R
> with this 14.04 = 2 watts
> 17.22 = 3 watts
> 19.9 = 4 watts
> 22.2 = 5 watts
>
> The .1 is for the voltage drip in the diode
> to convert peak reading to RMS use the .707
>
> T. Bone KI4FD
> *
>

3273. Re: [pfr3_group] Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-14 22:10:11 UTC
From: Matt Maguire
Topic: 3261 Message: 3273

If you run it at 150degC then it might be around 0.1V, otherwise at room temperature you are looking more around the 0.3-0.4 mark as John says. Refer to the datasheet for typical characteristics, eg.
http://www.datasheetcatalog.org/datasheet/SGSThomsonMicroelectronics/mXyzzzr.pdf

73, Matt VK2ACL

On 15/10/2011, at 8:53 AM, "John Farmer" <zendoc@...> wrote:

>
> KI4FD & Grant,
>
> Yes, you do need to take into account the forward voltage drop across the diode. But, isn't the drop across a 1N5711 close to 0.33V, rather than 0.1V?
>
> I have made up several peak reading RF voltmeters and I measure and record the voltage drop for the diode I'm using before I put it in the circuit. For 1N5711's, it's always been 0.3-0.33V.
>
> 73,
>
> John
> VK7JB
>
> --- In pfr3_group@yahoogroups.com, Thomas Whatley <tbone1417@...> wrote:
>>
>> *Try this formula: P = [(V + .1 X .707) squared] / R
>> with this 14.04 = 2 watts
>> 17.22 = 3 watts
>> 19.9 = 4 watts
>> 22.2 = 5 watts
>>
>> The .1 is for the voltage drip in the diode
>> to convert peak reading to RMS use the .707
>>
>> T. Bone KI4FD
>> *
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
>

3274. Re: [pfr3_group] Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-14 22:23:44 UTC
From: Thomas Whatley
Topic: 3261 Message: 3274

*OK, just how much difference in the diode voltage drop will make a
difference in the final answer as to the output of the little box?
T. Bone KI4FD
*

3275. Re: [pfr3_group] Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-14 22:35:09 UTC
From: Matt Maguire
Topic: 3261 Message: 3275

Like most things, it depends :-)

If we are measuring around 5W, and we don't allow for the voltage drop in that schottky diode, you probably read around 5% lower power.

/Matt VK2ACL

On 15/10/2011, at 9:23 AM, Thomas Whatley <tbone1417@...> wrote:

>
>
> OK, just how much difference in the diode voltage drop will make a difference in the final answer as to the output of the little box?
> T. Bone KI4FD
>
>
>

3276. Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-15 00:02:11 UTC
From: Grant
Topic: 3261 Message: 3276

Thanks guys, this is terrific. I have just run the formula through for my 20m RockMite as it is very low power. On the DMM I measure 4.8V, so using the formula and using 0.3 for the diode, I get 308mW, which is just about as it should be. I am happy.

Grant VK4JAZ

3277. Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-15 00:07:42 UTC
From: Grant
Topic: 3261 Message: 3277

Further to my last post, the RockMite's specs say about 0.5W at 12V, but now I now it's closer to 300mW at 12V. Well mine is anyway. I also notice that the longer I key down, the lower the voltage reading is. It reduces slowly. It's nice to have a more accurate handle on how much the arp rigs are putting out because it makes it even more astounding when communicating with someone very far away!

Grant VK4JAZ
--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:
>
>
>
> Thanks guys, this is terrific. I have just run the formula through for my 20m RockMite as it is very low power. On the DMM I measure 4.8V, so using the formula and using 0.3 for the diode, I get 308mW, which is just about as it should be. I am happy.
>
> Grant VK4JAZ
>

3278. Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-15 03:08:51 UTC
From: John Farmer
Topic: 3261 Message: 3278

Exactly. Really quite amazing how far you can go on so little. You'll find a lot of use for your RF voltmeter now. I love mine and use it to check and calibrate all my other RF power meters in the shack. Have fun!

John
VK7JB

--- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@...> wrote:

it makes it even more astounding when communicating with someone very far away!
>
> Grant VK4JAZ
> --- In pfr3_group@yahoogroups.com, "Grant" <grantmcduling@> wrote:
> >
> >
> >
> > Thanks guys, this is terrific. I have just run the formula through for my 20m RockMite as it is very low power. On the DMM I measure 4.8V, so using the formula and using 0.3 for the diode, I get 308mW, which is just about as it should be. I am happy.
> >
> > Grant VK4JAZ
> >
>

3279. Re: [pfr3_group] Re: Measuring power output

Yahoo group: pfr3_group
Date: 2011-10-15 20:29:02 UTC
From: Steve Smith
Topic: 3261 Message: 3279

I agree, John and that's one good way to improve the accuracy of the measurements instead of just assuming that the drop across the diode is a particular value.

From QRPacificon in Santa Clara, CA,
73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "John Farmer" <zendoc@netspace.net.au>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Measuring power output
Date: Fri, 14 Oct 2011 21:53:11 -0000

KI4FD & Grant,

Yes, you do need to take into account the forward voltage drop across the diode. But, isn't the drop across a 1N5711 close to 0.33V, rather than 0.1V?

I have made up several peak reading RF voltmeters and I measure and record the voltage drop for the diode I'm using before I put it in the circuit. For 1N5711's, it's always been 0.3-0.33V.

73,

John
VK7JB

3280. Free download the radioamateur Handbook 2012 by F6BCU

Yahoo group: pfr3_group
Date: 2011-10-16 14:17:14 UTC
From: F6BCU
Topic: 3280 Message: 3280

god day to all

free download the radio amateur handbook by F6BCU 580 MO

2100 pages 225 articles schématic, QRP, antenna, color photo

10GHz to 160m

http://communaute.onlineradio.fr/files/file/162-handbook-de-la-ligne-bleue/

73

F6BCU

3281. F6BCU download

Yahoo group: pfr3_group
Date: 2011-10-17 20:38:51 UTC
From: ny4fl
Topic: 3281 Message: 3281

Caution!!
QRZ.COM doesn't show F6BCU

3282. Re: [pfr3_group] F6BCU download

Yahoo group: pfr3_group
Date: 2011-10-17 20:46:25 UTC
From: f6ddv
Topic: 3281 Message: 3282

good evening
Do not worry, there is, and it is he who proposed to the assembly, it is well known in France.
73S
jean paul F6DDV
----- Original Message -----
From: ny4fl
To: pfr3_group@yahoogroups.com
Sent: Monday, October 17, 2011 10:38 PM
Subject: [pfr3_group] F6BCU download

Caution!!
QRZ.COM doesn't show F6BCU

3283. Re: [pfr3_group] F6BCU download

Yahoo group: pfr3_group
Date: 2011-10-17 21:08:26 UTC
From: Dennis King
Topic: 3281 Message: 3283

You should note that the download is in French. C'est domage. (too bad)

Best regards,

Dennis King

From: f6ddv <f6ddv@...>
To: pfr3_group@yahoogroups.com
Sent: Monday, October 17, 2011 8:46 PM
Subject: Re: [pfr3_group] F6BCU download

good
evening
Do not worry, there is, and it is he who proposed to the assembly, it is well known in France.
73S
jean paul F6DDV
----- Original Message -----
>From: ny4fl
>To: pfr3_group@yahoogroups.com
>Sent: Monday, October 17, 2011 10:38 PM
>Subject: [pfr3_group] F6BCU
download
>
>
>Caution!!
>QRZ.COM doesn't show F6BCU
>
>

3284. All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-18 02:18:01 UTC
From: Jerry Haigwood
Topic: 3284 Message: 3284

Folks,

I have shipped out the final W5JH Paddle. It happened to be PFR-3 type. Some of you have expressed concern about me closing down the paddle business. However, all is not lost. There is a company that wants to continue selling the W5JH line of paddles. It will take them a few weeks to get and running but they plan to offer the same line of paddles as I had offered. Look for them in the future. As soon as they are ready to go, I'll let you guys know who they are. They have asked me to keep things quiet for now.

Jerry W5JH

3285. Re: F6BCU download

Yahoo group: pfr3_group
Date: 2011-10-18 12:54:17 UTC
From: wb9dlc
Topic: 3281 Message: 3285

Slightly OT but maybe some helpful info:

I love QRZ.com - I am a Premium Subscriber - But it is not the be-all / end-all of callsign lookups.

The callsign is good on Hamcall.net

If QRZ does not show a callsign I always check Hamcall next.

Mike - WB9DLC

--- In pfr3_group@yahoogroups.com, "ny4fl" <ny4fl@...> wrote:
>
> Caution!!
> QRZ.COM doesn't show F6BCU
>

3286. Re: All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-18 13:21:40 UTC
From: Manuel
Topic: 3284 Message: 3286

Hi Jerry,

Thanks for that such good News. I'm testemomiun that W5JH Paddles must be alive! CW and QRP enthusiastb are gratefull for that decision and NEWS. Hope that NEW Company has inside some Hams due to understand what we need .

Thanks and Long Live to W5JH Black Widow Paddles

For me I can tell you
" I'm Happy I'm using a Black Widow Paddle"

73s frm Marq, ct1bww

--- In pfr3_group@yahoogroups.com, "Jerry Haigwood" <jerry@...> wrote:
>
> Folks,
>
> I have shipped out the final W5JH Paddle. It happened to be PFR-3
> type. Some of you have expressed concern about me closing down the paddle
> business. However, all is not lost. There is a company that wants to
> continue selling the W5JH line of paddles. It will take them a few weeks to
> get and running but they plan to offer the same line of paddles as I had
> offered. Look for them in the future. As soon as they are ready to go,
> I'll let you guys know who they are. They have asked me to keep things
> quiet for now.
>
> Jerry W5JH
>

3287. Re: [pfr3_group] Re: All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-19 09:30:23 UTC
From: f6ddv
Topic: 3284 Message: 3287

Hi all
I find this wonderful achievement and this is probably good to the touch, but I think it's a bit big for the pfr3,
I think one key smaller and simpler is better for me, but it's just I think I think I found the solution for me,
built by a ham radio, I do not know if he wants us to talk about the list.
With his permission I would put the photo can be of the paddle as I would have received.
My decision came from the disappointment of not being able to get the paddle from the early simple pfr3
73s all
jean paul F6DDV
----- Original Message -----
From: Manuel
To: pfr3_group@yahoogroups.com
Sent: Tuesday, October 18, 2011 3:21 PM
Subject: [pfr3_group] Re: All W5JH Paddles sold and shipped

Hi Jerry,

Thanks for that such good News. I'm testemomiun that W5JH Paddles must be alive! CW and QRP enthusiastb are gratefull for that decision and NEWS. Hope that NEW Company has inside some Hams due to understand what we need .

Thanks and Long Live to W5JH Black Widow Paddles

For me I can tell you
" I'm Happy I'm using a Black Widow Paddle"

73s frm Marq, ct1bww

--- In pfr3_group@yahoogroups.com, "Jerry Haigwood" <jerry@...> wrote:
>
> Folks,
>
> I have shipped out the final W5JH Paddle. It happened to be PFR-3
> type. Some of you have expressed concern about me closing down the paddle
> business. However, all is not lost. There is a company that wants to
> continue selling the W5JH line of paddles. It will take them a few weeks to
> get and running but they plan to offer the same line of paddles as I had
> offered. Look for them in the future. As soon as they are ready to go,
> I'll let you guys know who they are. They have asked me to keep things
> quiet for now.
>
> Jerry W5JH
>

3288. RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-19 12:07:23 UTC
From: N. A. Monllor
Topic: 3284 Message: 3288

Thank you Jean Paul for the reference to my keys.

I never owned a Black Widow Paddle so, because of that, I cannot comment on their capabilities. I will say though that, because of the fact that I use my PFR3A out in the field, I found the Black Widow a bit large to keep on the radio while in transport and so, I designed a paddle that could be kept on the radio, it has a very small footprint and is a very light addition to the radio, adding a mere .8 ounce to the whole package.

Photos of the PFR3A paddles are in my folder (KG4BAS Ren's album) and in as much as I don't run large production runs of the paddle, they take a day or so to make, so there's not a long waiting period for shipment.

Thank you Jean Paul for the kind comment and yes, by all means, you have my permission to post a photo of your new key.

I hope you enjoy your paddle.

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

SKCC #7281

http://www.skccgroup.com/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of f6ddv
Sent: Wednesday, October 19, 2011 5:30 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: All W5JH Paddles sold and shipped

Hi all
I find this wonderful achievement and this is probably good to the touch, but I think it's a bit big for the pfr3,

I think one key smaller and simpler is better for me, but it's just I think I think I found the solution for me,

built by a ham radio, I do not know if he wants us to talk about the list.
With his permission I would put the photo can be of the paddle as I would
have received.
My decision came from the disappointment of not being able to get the paddle
from the early simple pfr3
73s all
jean paul F6DDV

----- Original Message -----

From: Manuel <mailto:ct1bww@...>

To: pfr3_group@yahoogroups.com

Sent: Tuesday, October 18, 2011 3:21 PM

Subject: [pfr3_group] Re: All W5JH Paddles sold and shipped

Hi Jerry,

Thanks for that such good News. I'm testemomiun that W5JH Paddles must be
alive! CW and QRP enthusiastb are gratefull for that decision and NEWS. Hope
that NEW Company has inside some Hams due to understand what we need .

Thanks and Long Live to W5JH Black Widow Paddles

For me I can tell you
" I'm Happy I'm using a Black Widow Paddle"

73s frm Marq, ct1bww

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> ,
"Jerry Haigwood" <jerry@...> wrote:
>
> Folks,
>
> I have shipped out the final W5JH Paddle. It happened to be PFR-3
> type. Some of you have expressed concern about me closing down the paddle
> business. However, all is not lost. There is a company that wants to
> continue selling the W5JH line of paddles. It will take them a few weeks
to
> get and running but they plan to offer the same line of paddles as I had
> offered. Look for them in the future. As soon as they are ready to go,
> I'll let you guys know who they are. They have asked me to keep things
> quiet for now.
>
> Jerry W5JH
>

3289. RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-19 12:17:52 UTC
From: N. A. Monllor
Topic: 3284 Message: 3289

BTW,

I do wish the new company making the Widows much success, as it will ensure that they will be available to the rest of the PFR3A community.

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

SKCC #7281

http://www.skccgroup.com/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of N. A. Monllor
Sent: Wednesday, October 19, 2011 8:07 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Thank you Jean Paul for the reference to my keys.

I never owned a Black Widow Paddle so, because of that, I cannot comment on their capabilities. I will say though that, because of the fact that I use my PFR3A out in the field, I found the Black Widow a bit large to keep on the radio while in transport and so, I designed a paddle that could be kept on the radio, it has a very small footprint and is a very light addition to the radio, adding a mere .8 ounce to the whole package.

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I hope you enjoy your paddle.

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

SKCC #7281

http://www.skccgroup.com/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of f6ddv
Sent: Wednesday, October 19, 2011 5:30 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: All W5JH Paddles sold and shipped

Hi all
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I think one key smaller and simpler is better for me, but it's just I think I think I found the solution for me,

built by a ham radio, I do not know if he wants us to talk about the list. With his permission I would put the photo can be of the paddle as I would have received.
My decision came from the disappointment of not being able to get the paddle from the early simple pfr3
73s all
jean paul F6DDV

----- Original Message -----

From: Manuel <mailto:ct1bww@...>

To: pfr3_group@yahoogroups.com

Sent: Tuesday, October 18, 2011 3:21 PM

Subject: [pfr3_group] Re: All W5JH Paddles sold and shipped

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Thanks and Long Live to W5JH Black Widow Paddles

For me I can tell you
" I'm Happy I'm using a Black Widow Paddle"

73s frm Marq, ct1bww

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> ,
"Jerry Haigwood" <jerry@...> wrote:
>
> Folks,
>
> I have shipped out the final W5JH Paddle. It happened to be PFR-3
> type. Some of you have expressed concern about me closing down the paddle
> business. However, all is not lost. There is a company that wants to
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to
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> I'll let you guys know who they are. They have asked me to keep things
> quiet for now.
>
> Jerry W5JH
>

3290. Re: [pfr3_group] Re: All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-19 12:43:26 UTC
From: f6ddv
Topic: 3284 Message: 3290

Hello Ren
Well, it's very funny because when I wrote the message I had no paddle built by Ren at home,
but the package arrived there some time in the mailbox and now I l 'I turn, thank you ren.
And I must say it is simple and light, and I could now put the pfr3 in a small box with a nurse carrying handle without taking a separate key or paddle.
So I would do a picture or two that I would add at the end of the assembly pfr3
73s all
F6DDV
----- Original Message -----
From: N. A. Monllor
To: pfr3_group@yahoogroups.com
Sent: Wednesday, October 19, 2011 2:07 PM
Subject: RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Thank you Jean Paul for the reference to my keys.

I never owned a Black Widow Paddle so, because of that, I cannot comment on their capabilities. I will say though that, because of the fact that I use my PFR3A out in the field, I found the Black Widow a bit large to keep on the radio while in transport and so, I designed a paddle that could be kept on the radio, it has a very small footprint and is a very light addition to the radio, adding a mere .8 ounce to the whole package.

Photos of the PFR3A paddles are in my folder (KG4BAS Ren's album) and in as much as I don't run large production runs of the paddle, they take a day or so to make, so there's not a long waiting period for shipment.

Thank you Jean Paul for the kind comment and yes, by all means, you have my permission to post a photo of your new key.

I hope you enjoy your paddle.

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

SKCC #7281

http://www.skccgroup.com/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of f6ddv
Sent: Wednesday, October 19, 2011 5:30 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: All W5JH Paddles sold and shipped

Hi all
I find this wonderful achievement and this is probably good to the touch, but I think it's a bit big for the pfr3,

I think one key smaller and simpler is better for me, but it's just I think I think I found the solution for me,

built by a ham radio, I do not know if he wants us to talk about the list.
With his permission I would put the photo can be of the paddle as I would have received.
My decision came from the disappointment of not being able to get the paddle from the early simple pfr3
73s all
jean paul F6DDV

----- Original Message -----

From: Manuel

To: pfr3_group@yahoogroups.com

Sent: Tuesday, October 18, 2011 3:21 PM

Subject: [pfr3_group] Re: All W5JH Paddles sold and shipped

Hi Jerry,

Thanks for that such good News. I'm testemomiun that W5JH Paddles must be alive! CW and QRP enthusiastb are gratefull for that decision and NEWS. Hope that NEW Company has inside some Hams due to understand what we need .

Thanks and Long Live to W5JH Black Widow Paddles

For me I can tell you
" I'm Happy I'm using a Black Widow Paddle"

73s frm Marq, ct1bww

--- In pfr3_group@yahoogroups.com, "Jerry Haigwood" <jerry@...> wrote:
>
> Folks,
>
> I have shipped out the final W5JH Paddle. It happened to be PFR-3
> type. Some of you have expressed concern about me closing down the paddle
> business. However, all is not lost. There is a company that wants to
> continue selling the W5JH line of paddles. It will take them a few weeks to
> get and running but they plan to offer the same line of paddles as I had
> offered. Look for them in the future. As soon as they are ready to go,
> I'll let you guys know who they are. They have asked me to keep things

> quiet for now.
>
> Jerry W5JH
>

3291. Re: [pfr3_group] Re: All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-19 13:06:07 UTC
From: f6ddv
Topic: 3284 Message: 3291

Yes, indeed, there is room for everybody.
But Ren is not paddle at all the same, it is really to be left on the pfr3, remove the yellow box,
make a few QSO with little time and pick up quickly.
That is why I am interested in this model, if I have other paddles like many of us.
If you want more precision to a longer paddle requires a more comfortable, there is no competition then.
73s
jp F6DDV
==========
----- Original Message -----
From: N. A. Monllor
To: pfr3_group@yahoogroups.com
Sent: Wednesday, October 19, 2011 2:17 PM
Subject: RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

BTW,

I do wish the new company making the Widows much success, as it will ensure that they will be available to the rest of the PFR3A community.

Ren

N.A. (Ren) Monllor

KG4BAS

3292. RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-19 14:09:23 UTC
From: Dale Putnam
Topic: 3284 Message: 3292

Ren makes a great paddle for the PFR3, especially if you are walking or carrying the equipment by hand. (or in a saddle bag) They are tuff, and work well... even after being bounced and jostled around in a saddlebag for hours. Normal care in packing prevails, however, I've seen disaster occur to other keys in that situation. Bags vs trees... or rocks... come to mind, but that's another story. The space saved by using Ren's paddle, can be put to good use by an antenna, coiled... or a snack... hmmm... no.. a beer won't fit in that saved space. Sorry. Ren also makes a great paddle for the ATS4 too. So if you want to have consistency, ... get 'em both. Jerry's paddles, for the PFR3, are more of the type, for me.. that I use when mobile, or getting "there" in a vehicle... not quite so conserned about smashing success before it happens, although his are tuff, and durable too. Guess it comes down what you prefer, the classic debate, ford vs chey.... or... going back a ways... car vs horse....? huh? yep... that's a good debate too. Or.... left vs right ... WAIT... NO POLITICS>> ok.?! I was thinking about left hand.. right hand... Have a nice day,

--... ...--
Dale - WC7S in Wy

3293. RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-19 17:28:28 UTC
From: N. A. Monllor
Topic: 3284 Message: 3293

Thank you Dale and JP for the kind words.

I hope you enjoy using your paddles.

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

SKCC #7281

http://www.skccgroup.com/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Wednesday, October 19, 2011 10:09 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Ren makes a great paddle for the PFR3, especially if you are walking or carrying the equipment by hand. (or in a saddle bag) They are tuff, and work well... even after being bounced and jostled around in a saddlebag for hours. Normal care in packing prevails, however, I've seen disaster occur to other keys in that situation. Bags vs trees... or rocks... come to mind, but that's another story. The space saved by using Ren's paddle, can be put to good use by an antenna, coiled... or a snack... hmmm... no.. a beer won't fit in that saved space. Sorry. Ren also makes a great paddle for the ATS4 too. So if you want to have consistency, ... get 'em both.
Jerry's paddles, for the PFR3, are more of the type, for me.. that I use when mobile, or getting "there" in a vehicle... not quite so conserned about smashing success before it happens, although his are tuff, and durable too. Guess it comes down what you prefer, the classic debate, ford vs chey.... or... going back a ways... car vs horse....? huh? yep... that's a good debate too.
Or.... left vs right ... WAIT... NO POLITICS>> ok.?! I was thinking about left hand.. right hand...

Have a nice day,

--... ...-- Dale - WC7S in Wy

3294. RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-19 18:06:15 UTC
From: Bill Adams
Topic: 3284 Message: 3294

What do they look like, what is the cost and how can they be ordered?
Bill af4b

-----Original Message-----
From: N. A. Monllor
Sent: Wednesday, October 19, 2011 12:28 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Thank you Dale and JP for the kind words.
I hope you enjoy using your paddles.
Ren

N.A. (Ren) Monllor
KG4BAS

QRP ARCI # 14308
http://www.qrparci.org/
NAQCC #4880
http://naqcc.info/
SKCC #7281
http://www.skccgroup.com/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Wednesday, October 19, 2011 10:09 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Ren makes a great paddle for the PFR3, especially if you are walking or carrying the equipment by hand. (or in a saddle bag) They are tuff, and work well... even after being bounced and jostled around in a saddlebag for hours. Normal care in packing prevails, however, I've seen disaster occur to other keys in that situation. Bags vs trees... or rocks... come to mind, but that's another story. The space saved by using Ren's paddle, can be put to good use by an antenna, coiled... or a snack... hmmm... no.. a beer won't fit in that saved space. Sorry. Ren also makes a great paddle for the ATS4 too. So if you want to have consistency, ... get 'em both.
Jerry's paddles, for the PFR3, are more of the type, for me.. that I use when mobile, or getting "there" in a vehicle... not quite so conserned about smashing success before it happens, although his are tuff, and durable too.
Guess it comes down what you prefer, the classic debate, ford vs chey.... or... going back a ways... car vs horse....? huh? yep... that's a good debate too.
Or.... left vs right ... WAIT... NO POLITICS>> ok.?! I was thinking about left hand.. right hand...

Have a nice day,

--... ...-- Dale - WC7S in Wy

3295. Re: [pfr3_group] Re: All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-19 18:24:28 UTC
From: f6ddv
Topic: 3284 Message: 3295

Good evening Ren
and good evening everyone
Indeed, I said live on Ren,
I tested the paddle and I'm really pleased.
see you soon
jp F6DDV

From: N. A. Monllor
To: pfr3_group@yahoogroups.com
Sent: Wednesday, October 19, 2011 7:28 PM
Subject: RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Thank you Dale and JP for the kind words.

I hope you enjoy using your paddles.

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

SKCC #7281

http://www.skccgroup.com/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Wednesday, October 19, 2011 10:09 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Ren makes a great paddle for the PFR3, especially if you are walking or carrying the equipment by hand. (or in a saddle bag) They are tuff, and work well... even after being bounced and jostled around in a saddlebag for hours. Normal care in packing prevails, however, I've seen disaster occur to other keys in that situation. Bags vs trees... or rocks... come to mind, but that's another story. The space saved by using Ren's paddle, can be put to good use by an antenna, coiled... or a snack... hmmm... no.. a beer won't fit in that saved space. Sorry. Ren also makes a great paddle for the ATS4 too. So if you want to have consistency, ... get 'em both.

Jerry's paddles, for the PFR3, are more of the type, for me.. that I use when mobile, or getting "there" in a vehicle... not quite so conserned about smashing success before it happens, although his are tuff, and durable too.
Guess it comes down what you prefer, the classic debate, ford vs chey.... or... going back a ways... car vs horse....? huh? yep... that's a good debate too.
Or.... left vs right ... WAIT... NO POLITICS>> ok.?! I was thinking about left hand.. right hand...

Have a nice day,

--... ...-- Dale - WC7S in Wy

3296. RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-19 21:18:12 UTC
From: N. A. Monllor
Topic: 3284 Message: 3296

Hi Bill,

Go to my folder (KG4BAS - Ren's Album) in the groups Photo section, and you'll see what it looks like. The first two photo's are of the prototype (wooden) and the next two photo's are of the one I offer (Aluminum).

They are machined out of 6061 aircraft aluminum, the key sticks out 3/4" from the side of the radio, and the paddles fold down against the base when in travel mode. Weight is .6 ounce and the best part is, they're super-simple to adjust and they work!!

They sell for $45.00 + shipping. Most guys send $50.00 and that covers the key, Paypal and shipping.

If you, or anyone else want one, send me an email and I'll start production again.

Thank you for your interest,

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

http://naqcc.info/

SKCC #7281

http://www.skccgroup.com/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Bill Adams
Sent: Wednesday, October 19, 2011 2:06 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

What do they look like, what is the cost and how can they be ordered?
Bill af4b

From: N. A. Monllor
Sent: Wednesday, October 19, 2011 12:28 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Thank you Dale and JP for the kind words.

I hope you enjoy using your paddles.

Ren

N.A. (Ren) Monllor

KG4BAS

QRP ARCI # 14308

http://www.qrparci.org/

NAQCC #4880

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SKCC #7281

http://www.skccgroup.com/

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Wednesday, October 19, 2011 10:09 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Ren makes a great paddle for the PFR3, especially if you are walking or carrying the equipment by hand. (or in a saddle bag) They are tuff, and work well... even after being bounced and jostled around in a saddlebag for hours. Normal care in packing prevails, however, I've seen disaster occur to other keys in that situation. Bags vs trees... or rocks... come to mind, but that's another story. The space saved by using Ren's paddle, can be put to good use by an antenna, coiled... or a snack... hmmm... no.. a beer won't fit in that saved space. Sorry. Ren also makes a great paddle for the ATS4 too. So if you want to have consistency, ... get 'em both.
Jerry's paddles, for the PFR3, are more of the type, for me.. that I use when mobile, or getting "there" in a vehicle... not quite so conserned about smashing success before it happens, although his are tuff, and durable too. Guess it comes down what you prefer, the classic debate, ford vs chey.... or... going back a ways... car vs horse....? huh? yep... that's a good debate too.
Or.... left vs right ... WAIT... NO POLITICS>> ok.?! I was thinking about left hand.. right hand...

Have a nice day,

--... ...-- Dale - WC7S in Wy

3297. Re: [pfr3_group] Re: All W5JH Paddles sold and shipped

Yahoo group: pfr3_group
Date: 2011-10-19 21:24:04 UTC
From: Bill Adams
Topic: 3284 Message: 3297

Thanks Ren, definitely added to my Christmas wish list!

Bill AF4B
Long : -97.10209 W (-97° 6' 8'' W)
Lat : 32.59437 N (32° 35' 40'' N)
Maidenhead grid : EM12ko
USNG : 14S PB 78160 07850
MAPSCO map grid : 125a Tarrant Co., TX.

From: N. A. Monllor <nmonllor@...>
To: pfr3_group@yahoogroups.com
Sent: Wednesday, October 19, 2011 4:18 PM
Subject: RE: [pfr3_group] Re: All W5JH Paddles sold and shipped

Hi Bill,

Go to my folder (KG4BAS – Ren's Album) in the groups Photo section, and you'll see what it looks like. The first two photo's are of the prototype (wooden) and the next two photo's are of the one I offer (Aluminum).

They are machined out of 6061 aircraft aluminum, the key sticks out 3/4" from the side of the radio, and the paddles fold down against the base when in travel mode. Weight is .6 ounce and the best part is, they're super-simple to adjust and they work!!

They sell for $45.00 + shipping. Most guys send $50.00 and that covers the key, Paypal and shipping.

If you, or anyone else want one, send me an email and I'll start production again.

Thank you for your interest,

Ren

N.A. (Ren) Monllor
KG4BAS

QRP ARCI # 14308
http://www.qrparci.org/
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SKCC #7281
http://www.skccgroup.com/

3298. Foxhunt coming

Yahoo group: pfr3_group
Date: 2011-10-24 12:45:59 UTC
From: Dale Putnam
Topic: 3298 Message: 3298

The Official opening of FOXHUNT Season is close at hand. I have another antenna to make ready yet, how are you doing? And the weather is very cooperative, it is supposed to snow storm here in the middle of this week.. that works well. I can put the new antenna up in the storm, and since it requires all of the EDZs to come down first, I will be putting them all up in the snow and wind. So.. they will all be blessed. Look out FOXII.
Are you ready? Teams are forming... and the season's FOX lineup is looking very good. And there just might be one or two openings yet, if you are interested in jumping into the campfire, from the pot. IF that is the case, run, don't walk, run to the webpage and grab an app, send it in, join the select group that step up and have a blast of fun from that side of the fox den.
New to the idea of foxhunts? The webpage had a tutorial that is very helpful. Now is the time to jump in, learn how to handle a pileup, with the advantages of being among supportive friends. We've all had or heard the unpleasantness of the "pileup cops" ... the Foxhunts don't support that type of activity. However, since we do,... yes.. we do... all make mistakes sometimes... the ONCE is enuff... " UP" ...MIGHT be heard, but it is very seldom, and ALWAYS sent with a kind and gentle tone, to HELP someone remember to (in my case) push the -SPLIT- button. Some of us have radios that don't do split. Some of the FOXii have the ability to listen on both their tx and rx freq, and pick up both. So there is no need for the "pileup cop" activity. That being said, you don't have to feel awkward or "new" just come on in. Make yourself at home and jump on a FOX trail, grab a pelt or two, every night watch your score on the webpage, and have a grand time.
Teams are being formed, for even more excitement. Send your team roster with all the pertinent info: calls and team captain, to me please.
Watch as your team surges ahead of the rest, or not. Laugh, and have fun with it, either way.

Thanks to the Colorado QRP Club for sponsoring the FOXHUNTS!! And thank you for the bandwidth, and allowing a crosspost to the most active representative groups. By the way, there are plenty of each group, to form a number of teams of each, i.e. all AT3, or all PFR3, or AT4, glowbug, or...??

Times a wasting, don't get caught out in the woods alone... the bands are hot, don't get caught out in the woods alone, this season may just be
"The BIG ONE"... you'd hate to miss it.

--... ..---
Dale - WC7S in Wy

http://www.qrpfoxhunt.org

3299. PFR3 Starting Building via Group! Wonderful!

Yahoo group: pfr3_group
Date: 2011-10-27 12:53:53 UTC
From: Manuel
Topic: 3299 Message: 3299

Hi PFR3 Group,

I would like to start my PFR3, but i don't want do it alone!
If anyone are on same position please just send me a email via this Group.
I can wait ! so this is a invitation to start building a PFR3 through the Yahoo PFR3 Group.
"one hand as 5 diffeernt fingers, each finger lonely as poor capacity comparing if working others on the hand! "
100% x 100% QRV!
73s frm Marq

3300. RE: [pfr3_group] PFR3 Starting Building via Group! Wonderful!

Yahoo group: pfr3_group
Date: 2011-10-27 13:00:51 UTC
From: Dale Putnam
Topic: 3299 Message: 3300

Oh, Marq, proceed, you're not, alone, not at all.Jump right in, warm up the soldering iron, start melting solder.If you have questions, just ask, this is a group of very helpful folks. Have a great day,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: ct1bww@...
Date: Thu, 27 Oct 2011 12:53:53 +0000
Subject: [pfr3_group] PFR3 Starting Building via Group! Wonderful!

Hi PFR3 Group,

I would like to start my PFR3, but i don't want do it alone!

If anyone are on same position please just send me a email via this Group.

I can wait ! so this is a invitation to start building a PFR3 through the Yahoo PFR3 Group.

"one hand as 5 diffeernt fingers, each finger lonely as poor capacity comparing if working others on the hand! "

100% x 100% QRV!

73s frm Marq

3301. Re: PFR3 Starting Building via Group! Wonderful!

Yahoo group: pfr3_group
Date: 2011-10-27 20:01:05 UTC
From: k6mgo@verizon.net
Topic: 3299 Message: 3301

I can confirm what Dale just said, Marq, he, and several other very helpful people on this list are just a mouse click away, if you are confused or have any questions about how to proceed, just post your question, with as much details as possible, and you will be helped.

73, and GL

Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Oh, Marq, proceed, you're not, alone, not at all.Jump right in, warm up the soldering iron, start melting solder.If you have questions, just ask, this is a group of very helpful folks. Have a great day,
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: ct1bww@...
> Date: Thu, 27 Oct 2011 12:53:53 +0000
> Subject: [pfr3_group] PFR3 Starting Building via Group! Wonderful!
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> Hi PFR3 Group,
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> I would like to start my PFR3, but i don't want do it alone!
>
> If anyone are on same position please just send me a email via this Group.
>
> I can wait ! so this is a invitation to start building a PFR3 through the Yahoo PFR3 Group.
>
> "one hand as 5 diffeernt fingers, each finger lonely as poor capacity comparing if working others on the hand! "
>
> 100% x 100% QRV!
>
> 73s frm Marq
>

3302. Re: [pfr3_group] PFR3 Starting Building via Group! Wonderful!

Yahoo group: pfr3_group
Date: 2011-10-27 21:13:25 UTC
From: f6ddv
Topic: 3299 Message: 3302

Hello Marc

It is best to look at several times the many photos of the guys who showed their mounting pfr3,
little by little it is very useful before starting ...
I put pictures, but I'm not the best, there are many other friends.

http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list

73s
jp F6DDV

----- Original Message -----
From: Manuel
To: pfr3_group@yahoogroups.com
Sent: Thursday, October 27, 2011 2:53 PM
Subject: [pfr3_group] PFR3 Starting Building via Group! Wonderful!

Hi PFR3 Group,

I would like to start my PFR3, but i don't want do it alone!
If anyone are on same position please just send me a email via this Group.
I can wait ! so this is a invitation to start building a PFR3 through the Yahoo PFR3 Group.
"one hand as 5 diffeernt fingers, each finger lonely as poor capacity comparing if working others on the hand! "
100% x 100% QRV!
73s frm Marq

3303. Re: PFR3 Starting Building via Group! Wonderful!

Yahoo group: pfr3_group
Date: 2011-10-28 20:46:38 UTC
From: Manuel
Topic: 3299 Message: 3303

Hi Dale,Bill and Jean Paul,

Thanks for your messages! I know is true I'm NOT Alone.

I'm member PFR3 Group for some Months Ago! I belong to other groups too ...
I know that the PFR3 Group is very Dynamic, and members are very active.
I see very good coments and helping each other on questions.
PFR3 has so many acceptance .
Thanks for your encourage words ;-) I have lot of confidence

73s frm Marq...ct1 "bravo willy willy"
"We are what we comunicate!"

--- In pfr3_group@yahoogroups.com, "Manuel" <ct1bww@...> wrote:
>
> Hi PFR3 Group,
>
> I would like to start my PFR3, but i don't want do it alone!
> If anyone are on same position please just send me a email via this Group.
> I can wait ! so this is a invitation to start building a PFR3 through the Yahoo PFR3 Group.
> "one hand as 5 diffeernt fingers, each finger lonely as poor capacity comparing if working others on the hand! "
> 100% x 100% QRV!
> 73s frm Marq
>

3304. Re: PFR3 Starting Building via Group! Wonderful!

Yahoo group: pfr3_group
Date: 2011-10-28 20:51:46 UTC
From: Manuel
Topic: 3299 Message: 3304

Hi JPaul,

I've see your Photos long time and maybe was of final decision on purchase this SUPER Litle Radio..
Congratulations for your very good work. Well done on photos helping others during different phases .
I know that is NOT too much complicate..but still has yours secrets...specialy the Coils etc.
The true is ...You've done a good work!
73s and tks
100%QRV
marq ct1bww

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello Marc
>
> It is best to look at several times the many photos of the guys who showed their mounting pfr3,
> little by little it is very useful before starting ...
> I put pictures, but I'm not the best, there are many other friends.
>
> http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list
>
> 73s
> jp F6DDV
>
> ----- Original Message -----
> From: Manuel
> To: pfr3_group@yahoogroups.com
> Sent: Thursday, October 27, 2011 2:53 PM
> Subject: [pfr3_group] PFR3 Starting Building via Group! Wonderful!
>
>
>
> Hi PFR3 Group,
>
> I would like to start my PFR3, but i don't want do it alone!
> If anyone are on same position please just send me a email via this Group.
> I can wait ! so this is a invitation to start building a PFR3 through the Yahoo PFR3 Group.
> "one hand as 5 diffeernt fingers, each finger lonely as poor capacity comparing if working others on the hand! "
> 100% x 100% QRV!
> 73s frm Marq

>

3305. Re: [pfr3_group] Re: PFR3 Starting Building via Group! Wonderful!

Yahoo group: pfr3_group
Date: 2011-10-28 22:51:53 UTC
From: f6ddv
Topic: 3299 Message: 3305

Hello Marq
I'm glad it makes you want to build, I always liked the pictures of friends with details of fixtures,
because this way it "speaks" more than a written explanation.
You encouraged me to add 4 more photos that will be probably be available soon, but they are not important for the assembly.
You can find a list of very competent people who will quickly answer your questions, have a total confience,
I think that people who failed to complete the assembly of pfr3 in perfect working condition is very rare.
All problems are resolved as and when
see you soon
jean paul F6DDV

----- Original Message -----
From: Manuel
To: pfr3_group@yahoogroups.com
Sent: Friday, October 28, 2011 10:51 PM
Subject: [pfr3_group] Re: PFR3 Starting Building via Group! Wonderful!

Hi JPaul,

I've see your Photos long time and maybe was of final decision on purchase this SUPER Litle Radio..
Congratulations for your very good work. Well done on photos helping others during different phases .
I know that is NOT too much complicate..but still has yours secrets...specialy the Coils etc.
The true is ...You've done a good work!
73s and tks
100%QRV
marq ct1bww

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello Marc
>
> It is best to look at several times the many photos of the guys who showed their mounting pfr3,
> little by little it is very useful before starting ...
> I put pictures, but I'm not the best, there are many other friends.
>
> http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list
>
> 73s
> jp F6DDV

>
> ----- Original Message -----
> From: Manuel
> To: pfr3_group@yahoogroups.com
> Sent: Thursday, October 27, 2011 2:53 PM
> Subject: [pfr3_group] PFR3 Starting Building via Group! Wonderful!
>
>
>
> Hi PFR3 Group,
>
> I would like to start my PFR3, but i don't want do it alone!
> If anyone are on same position please just send me a email via this Group.
> I can wait ! so this is a invitation to start building a PFR3 through the Yahoo PFR3 Group.
> "one hand as 5 diffeernt fingers, each finger lonely as poor capacity comparing if working others on the hand! "
> 100% x 100% QRV!
> 73s frm Marq
>

3306. Power Pin Jack Size

Yahoo group: pfr3_group
Date: 2011-10-31 21:40:23 UTC
From: jeffomundson
Topic: 3306 Message: 3306

This is probably a goofy question, but I am placing an order through Jameco and I am not 100% sure of the plug size that fits the external power socket on the pfr.

Does anyone know if it is the 2.5mm inner diameter 5.5mm outer diameter size as shown here?

https://www.jameco.com/webapp/wcs/stores/servlet/ProductDisplay?storeId=10001&langId=-1&catalogId=10001&pa=281877&productId=281877

Thanks for your help!

3307. Re: Power Pin Jack Size

Yahoo group: pfr3_group
Date: 2011-11-01 14:09:13 UTC
From: peter mudgett
Topic: 3306 Message: 3307

Yes, my PFR-3A (Nov 2009) uses the 2.5 x 5.5 mm plug.

Peter - KB1PBA

3308. Re: Power Pin Jack Size

Yahoo group: pfr3_group
Date: 2011-11-01 17:15:22 UTC
From: jeffomundson
Topic: 3306 Message: 3308

Thanks for the verification!

--- In pfr3_group@yahoogroups.com, peter mudgett <psmudgett@...> wrote:
>
> Yes, my PFR-3A (Nov 2009) uses the 2.5 x 5.5 mm plug.
>
> Peter - KB1PBA
>

3309. Re: Power Pin Jack Size

Yahoo group: pfr3_group
Date: 2011-11-01 21:21:38 UTC
From: Stan ae0sl
Topic: 3306 Message: 3309

I am running mine with a wall-wort that has a 2.5mm/5.5mm plug.

--- In pfr3_group@yahoogroups.com, "jeffomundson" <jeffomundson@...> wrote:
>
> This is probably a goofy question, but I am placing an order through Jameco and I am not 100% sure of the plug size that fits the external power socket on the pfr.
>
> Does anyone know if it is the 2.5mm inner diameter 5.5mm outer diameter size as shown here?
>
> https://www.jameco.com/webapp/wcs/stores/servlet/ProductDisplay?storeId=10001&langId=-1&catalogId=10001&pa=281877&productId=281877
>
> Thanks for your help!
>

3310. DFE Mode

Yahoo group: pfr3_group
Date: 2011-11-02 00:55:10 UTC
From: k6mgo@verizon.net
Topic: 3310 Message: 3310

Finally got around to checking out the DFE mode on my PFR3 today, and am having a strange thing happen.

Went to 20m, Held RIT, and got blank readout, entered the freq using the paddles, no problem. I entered "200" for 14.200, as I wanted to monitor another rig in SSB mode, (on CW).

Then, just for fun, wanted to do the same on 40m. So I held RIT, got blank readout, entered "232" as I wanted to hear "7.232" and got "-232" but, couldn't hear the freq or signal from other rig.

Why would I get a "-" in front of the numbers on 40m and not on 20m? And why can't I get the right freq?

Any help will be greatly appreciated.

73, Bill, k6mgo

3311. Re: [pfr3_group] DFE Mode

Yahoo group: pfr3_group
Date: 2011-11-02 01:34:46 UTC
From: Bill
Topic: 3310 Message: 3311

Try 2320 instead of 232.

Bill

On 11/1/2011 8:55 PM, k6mgo@... wrote:
>
>
>
> Finally got around to checking out the DFE mode on my PFR3 today, and
> am having a strange thing happen.
>
> Went to 20m, Held RIT, and got blank readout, entered the freq using
> the paddles, no problem. I entered "200" for 14.200, as I wanted to
> monitor another rig in SSB mode, (on CW).
>
> Then, just for fun, wanted to do the same on 40m. So I held RIT, got
> blank readout, entered "232" as I wanted to hear "7.232" and got
> "-232" but, couldn't hear the freq or signal from other rig.
>
> Why would I get a "-" in front of the numbers on 40m and not on 20m?
> And why can't I get the right freq?
>
> Any help will be greatly appreciated.
>
> 73, Bill, k6mgo
>
>

3312. Re: DFE Mode

Yahoo group: pfr3_group
Date: 2011-11-02 15:45:14 UTC
From: k6mgo@verizon.net
Topic: 3310 Message: 3312

Tnx, Bill, didn't realize I would have to enter an extra digit on 40m as compared to 20m.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Bill <w4cux@...> wrote:
>
> Try 2320 instead of 232.
>
> Bill
>

3313. FOX HUNT!!

Yahoo group: pfr3_group
Date: 2011-11-07 01:05:13 UTC
From: Dale Putnam
Topic: 3313 Message: 3313

N0UR and I will be your opening to the FOX HUNT SEASON on 80 this coming Tuesday evening (local) beginning at 0100z Wensday GMT.
We will be in the 80 acre woods on a 10 khz radius from the tree marked 3.560. Bark all you want, and remember,
the exchange is RST, state, name, pwr.... of course this is qrp, so the pwr will be 5w or less. Some of the hounds use mw pwr.
The hunt last for a whole 90 minutes. Can you find us sly wily foxii, in just 90 minutes? Come find out.

3.560 +/- 10 kc, N0UR and WC7S Tuesday night 7pm MT or 0100z Wednesday GMT. = More FUN than you'd expect!

during the hunt, comments but NOT FOX locations are heard on the QFOX reflector, and after the hunt is over, the FOXii post their logs
so you can see right off if you made it.
I have heard that the bands are in better shape than in the past, and I am holding someone to that....

Good Hunting to each of the Hounds, may we all be successful, and start the season off with a big bang.

--... ...--
Dale - WC7S in Wy
http://www/qrpfoxhunt.org

3314. Re: FOX HUNT!!

Yahoo group: pfr3_group
Date: 2011-11-07 14:51:07 UTC
From: peter mudgett
Topic: 3313 Message: 3314

I think the hunt start time is 0200Z Wednesday which translates to Tuesday 9pm ET and 7pm MT?

Peter - KB1PBA

3315. RE: [pfr3_group] Re: FOX HUNT!!

Yahoo group: pfr3_group
Date: 2011-11-07 14:56:41 UTC
From: Dale Putnam
Topic: 3313 Message: 3315

aw, you got me! good eyes, Pete, you win the bright eyes award!!

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: psmudgett@verizon.net
Date: Mon, 7 Nov 2011 06:51:07 -0800
Subject: [pfr3_group] Re: FOX HUNT!!

I think the hunt start time is 0200Z Wednesday which translates to Tuesday 9pm ET and 7pm MT?

Peter - KB1PBA

3316. FOX - Opening Season

Yahoo group: pfr3_group
Date: 2011-11-07 16:01:34 UTC
From: Dale Putnam
Topic: 3316 Message: 3316

The Game Warden has finally given us the nod.
We have his permission to kick off the Fox Hunt Season Local time 7pm Mountain Time Tuesday evening, on 80 meters. That would be 0200z on Wednesday GMT.
The hunt will run for a whole 90 minutes.

N0UR and WC7S will be the two FOXii in the woods.

WC7S will be using all of his antennas, with a K2, within 10 Khz of 3.560Mhz. The antennas are 3 EDZs, 360 foot long, 50 foot high, fed with open line, spread around to cover the compass. Also at rx will be a vertical on a steel roof and a 90 ft dipole at 40 feet. He will be using N1MM logging, with real signal reports, so don't expect the same report all night long. With the antenna switch at hand, signal strength will vary almost instantly, sometimes between your call, and the answer. With the blessings of the prop gods, goddess, and Murphy, the band will cooperate, and we will open the season with a BANG! (oh.. maybe that was too close, spooked the fox, you know, loud noises and such)
In the effort to grab a pelt, it may work well for the fox to advise "up or dn" 1 or 2. IF that happens, try to spread out from the exact 1 or 2 distance. Make one call, and remember, a difference in timing helps.

Let's see... exchange
real RST, STATE, NAME, PWR
that should just about do it... a final "TU" or otherwise "QSL" and you've got yourself a brand new season pelt! That easy.
For additional information - check out - http://www.qrpfoxhunt.org/winter_rules.htm

Note: Teams registration is still open, if you have a team to be registered, don't wait too much longer.

I'm convinced that the hounds in our FOXHUNTS are a step above, with skill and very much the gentlemen of the hobby.

"It's

a fine fox chase, my boys!"

George Washington, Battle of Princeton,

1777

--... ...--
Dale - WC7S in Wy

3317. dummy load -- 55 ohms?--

Yahoo group: pfr3_group
Date: 2011-11-08 14:34:25 UTC
From: jeffomundson
Topic: 3317 Message: 3317

I am getting ready to test the power output of my pfr. I put together a dummy load using two 5w 100 ohm resistors connected in parallel. The issue is that when I tested the resistance with my meter, I get 55 ohms. Is there any problem with using this as a dummy load and to test my output as long as I substitute 55 ohms in my power equation?

p = v(rms)^2/z

I added a capacitor and diode to filter and smooth the output...

Thanks for any assistance!

-Jeff
kf7rpi

3318. Re: [pfr3_group] dummy load -- 55 ohms?--

Yahoo group: pfr3_group
Date: 2011-11-08 15:21:18 UTC
From: Steve Smith
Topic: 3317 Message: 3318

Hi Jeff,

Congratulations on finishing your PFR!

Yes, you can do that but be aware that will give you the power at 55 Ohms and it will not be equivalent to the power output at 50 Ohms. It will get you into the ballpark, so to speak.

What caught my attention is that you say your resistors are 5 Watt. Are you certain they are non-inductive? It has been my experience that few resistors types of that dissipation are non-inductive. Resistors that exhibit any significant inductance are useless as RF dummy loads.

Best of luck with your testing.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "jeffomundson" <jeffomundson@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] dummy load -- 55 ohms?--
Date: Tue, 08 Nov 2011 14:34:25 -0000

I am getting ready to test the power output of my pfr. I put together a dummy load using two 5w 100 ohm resistors connected in parallel. The issue is that when I tested the resistance with my meter, I get 55 ohms. Is there any problem with using this as a dummy load and to test my output as long as I substitute 55 ohms in my power equation?

p = v(rms)^2/z

I added a capacitor and diode to filter and smooth the output...

Thanks for any assistance!

-Jeff
kf7rpi

3319. Re: dummy load -- 55 ohms?--

Yahoo group: pfr3_group
Date: 2011-11-08 16:10:32 UTC
From: jeffomundson
Topic: 3317 Message: 3319

Thanks for your reply, Steve. When you say the power output will not be the same as if I were using a 50 ohm load, I assume you mean that the voltage I read on my meter will be different. But if I take the square of the the rms equivalent of the reading and divide that by 55 ohms (my load), won't I get as accurate a reading as if I had a 50ohm load and divided by 50? I'm new to this so I might be overlooking something...

Thanks for asking about whether the resistors are wirewound... I thought I ordered non inductive resistors because they were labeled metal oxide, but I just looked again and noticed that they are wirewound :-(It's better to figure that out at this stage, though... I guess my question is moot, but I appreciate the response. I guess I will try something different.

-Jeff
kf7rpi

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Jeff,
>
> Congratulations on finishing your PFR!
>
> Yes, you can do that but be aware that will give you the power at 55 Ohms and it will not be equivalent to the power output at 50 Ohms. It will get you into the ballpark, so to speak.
>
> What caught my attention is that you say your resistors are 5 Watt. Are you certain they are non-inductive? It has been my experience that few resistors types of that dissipation are non-inductive. Resistors that exhibit any significant inductance are useless as RF dummy loads.
>
> Best of luck with your testing.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "jeffomundson" <jeffomundson@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] dummy load -- 55 ohms?--
> Date: Tue, 08 Nov 2011 14:34:25 -0000
>
> I am getting ready to test the power output of my pfr. I put together a dummy load using two 5w 100 ohm resistors connected in parallel. The issue is that when I tested the resistance with my meter, I get 55 ohms. Is there any problem with using this as a dummy load and to test my output as long as I substitute 55 ohms in my power equation?
>
> p = v(rms)^2/z

>
> I added a capacitor and diode to filter and smooth the output...
>
> Thanks for any assistance!
>
> -Jeff
> kf7rpi
>

3320. RE: [pfr3_group] Re: dummy load -- 55 ohms?--

Yahoo group: pfr3_group
Date: 2011-11-08 18:45:27 UTC
From: Dale Putnam
Topic: 3317 Message: 3320

I'm seeing this late, so forgive me if I have missed a key issue. Using a 55ohm load and correcting the math, will work fine, except for one small detail. The PFR3 is designed for a 50 ohm load, it works into other loads, but will not be accurately reported because when 50 ohm is used, the circuit works differently than it does with 55 ohms. This is only accurate when the attached tuner is switched or connected out of circuit. It goes for any commonly accepted ham radio today, They are all designed for a standard impedance of 50 ohm. The tuner attached will make this happen, or adjust the actual impedance of the feedline to 50 ohm that the transmitter expects.
The Tayloe circuit (led indicator) in the PFR3, is also designed to be accurate at 50 ohms, it however is not as critical as the tx, when used at say, 55 ohm.
As you have id'd, the wirewound resistors aren't a good choice, the carbon resistors, (usually max rating is 2 watt) will work fine.

Hope this helps,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jeffomundson@...
Date: Tue, 8 Nov 2011 16:10:32 +0000
Subject: [pfr3_group] Re: dummy load -- 55 ohms?--

Thanks for your reply, Steve. When you say the power output will not be the same as if I were using a 50 ohm load, I assume you mean that the voltage I read on my meter will be different. But if I take the square of the the rms equivalent of the reading and divide that by 55 ohms (my load), won't I get as accurate a reading as if I had a 50ohm load and divided by 50? I'm new to this so I might be overlooking something...

Thanks for asking about whether the resistors are wirewound... I thought I ordered non inductive resistors because they were labeled metal oxide, but I just looked again and noticed that they are wirewound :-(It's better to figure that out at this stage, though... I guess my question is moot, but I appreciate the response. I guess I will try something different.

-Jeff

kf7rpi

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:

>

> Hi Jeff,

>

> Congratulations on finishing your PFR!

>

> Yes, you can do that but be aware that will give you the power at 55 Ohms and it will not be equivalent to the power output at 50 Ohms. It will get you into the ballpark, so to speak.

>

> What caught my attention is that you say your resistors are 5 Watt. Are you certain they are non-inductive? It has been my experience that few resistors types of that dissipation are non-inductive. Resistors that exhibit any significant inductance are useless as RF dummy loads.

>

> Best of luck with your testing.

>

> 73.......Steve Smith WB6TNL

>

> ---------- Original Message ----------

> From: "jeffomundson" <jeffomundson@...>

> To: pfr3_group@yahoogroups.com

> Subject: [pfr3_group] dummy load -- 55 ohms?--

> Date: Tue, 08 Nov 2011 14:34:25 -0000

>

> I am getting ready to test the power output of my pfr. I put together a dummy load using two 5w 100 ohm resistors connected in parallel. The issue is that when I tested the resistance with my meter, I get 55 ohms. Is there any problem with using this as a dummy load and to test my output as long as I substitute 55 ohms in my power equation?

>

> p = v(rms)^2/z

>

> I added a capacitor and diode to filter and smooth the output...

>

> Thanks for any assistance!

>

> -Jeff

> kf7rpi

>

3321. Re: dummy load -- 55 ohms?--

Yahoo group: pfr3_group
Date: 2011-11-10 01:21:24 UTC
From: Grant
Topic: 3317 Message: 3321

Hi Jeff,

I bought the RF power meter kit from Hendricks and it does the job just fine. Great piece of gear for the shack too.

Regards
Grant VK4JAZ

--- In pfr3_group@yahoogroups.com, "jeffomundson" <jeffomundson@...> wrote:
>
> Thanks for your reply, Steve. When you say the power output will not be the same as if I were using a 50 ohm load, I assume you mean that the voltage I read on my meter will be different. But if I take the square of the the rms equivalent of the reading and divide that by 55 ohms (my load), won't I get as accurate a reading as if I had a 50ohm load and divided by 50? I'm new to this so I might be overlooking something...
>
> Thanks for asking about whether the resistors are wirewound... I thought I ordered non inductive resistors because they were labeled metal oxide, but I just looked again and noticed that they are wirewound :-(It's better to figure that out at this stage, though... I guess my question is moot, but I appreciate the response. I guess I will try something different.
>
> -Jeff
> kf7rpi
>
>
>
>
> --- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@> wrote:
> >
> > Hi Jeff,
> >
> > Congratulations on finishing your PFR!
> >
> > Yes, you can do that but be aware that will give you the power at 55 Ohms and it will not be equivalent to the power output at 50 Ohms. It will get you into the ballpark, so to speak.
> >
> > What caught my attention is that you say your resistors are 5 Watt. Are you certain they are non-inductive? It has been my experience that few resistors types of that dissipation are non-inductive. Resistors that exhibit any significant inductance are useless as RF dummy loads.
> >
> > Best of luck with your testing.
> >
> > 73.......Steve Smith WB6TNL

> >
> > ---------- Original Message ----------
> > From: "jeffomundson" <jeffomundson@>
> > To: pfr3_group@yahoogroups.com
> > Subject: [pfr3_group] dummy load -- 55 ohms?--
> > Date: Tue, 08 Nov 2011 14:34:25 -0000
> >
> > I am getting ready to test the power output of my pfr. I put together a dummy load using two 5w 100 ohm resistors connected in parallel. The issue is that when I tested the resistance with my meter, I get 55 ohms. Is there any problem with using this as a dummy load and to test my output as long as I substitute 55 ohms in my power equation?
> >
> > p = v(rms)^2/z
> >
> > I added a capacitor and diode to filter and smooth the output...
> >
> > Thanks for any assistance!
> >
> > -Jeff
> > kf7rpi
> >
>

3322. new PFR3 builder

Yahoo group: pfr3_group
Date: 2011-11-14 16:01:22 UTC
From: edingraham
Topic: 3322 Message: 3322

Received my PFR3 kit last week and just found time to sort and inventory all the parts. In reference to message 3170, my Ft37-43 toroids are indeed Ft37-43's. I wound 10 turns on one and the inductance closely matches the Amidon data sheet. All other parts were present and accounted for, although I have a few extra caps.

73, Ed WX4S

3323. Re: [pfr3_group] new PFR3 builder

Yahoo group: pfr3_group
Date: 2011-11-14 19:05:33 UTC
From: lahagar1@aol.com
Topic: 3322 Message: 3323

Ed,

That is great news!

With all parts in-hand, you are well on your way to a pleasant kit building experience!!

73,
Lynn
NG9D

www.YouTube.com/NG9D

-----Original Message-----
From: edingraham <edingraham@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Nov 14, 2011 10:01 am
Subject: [pfr3_group] new PFR3 builder

Received my PFR3 kit last week and just found time to sort and inventory all the parts. In reference to message 3170, my Ft37-43 toroids are indeed Ft37-43's. I wound 10 turns on one and the inductance closely matches the Amidon data sheet. All other parts were present and accounted for, although I have a few extra caps.

73, Ed WX4S

3324. Re: Updates in Your Groups, November 12, 2011

Yahoo group: pfr3_group
Date: 2011-11-17 11:00:51 UTC
From: f6ddv
Topic: 3324 Message: 3324

Hi all
I had not watched with attention, it seems to me that the manual is much more comprehensive than what I received as I built my pfr3.
or when the workbook that you see is like mine, made with information from other ham radio, that's why I put my ring mounting yellow
on the site, to help friends as well.
I also see a thing I did not push on the protection, because I just stems protruding from the hole, I try what I could make to be more stable
and more beautiful because the rod will easily all directions
Good luck for the assembly, which is a great adventure, this is extra ordinary pfr3 really is the best I have a small QRP!
and obtained using the list is also great
So long and 73
F6DDV
----- Original Message -----
From: Yahoo Groups Updates
To: f6ddv@...
Sent: Saturday, November 12, 2011 3:09 PM
Subject: Updates in Your Groups, November 12, 2011

Updates in Your Groups
Beta Learn more about the Update Email
pfr3_group-PFR-3 Group ct1bww added 11 photos to the CT1BWW PFR3 Begining folder
view all

CW-QRP-HOMEBREWERS-CW-QRP-HOMEBREWERS 1 member joined the group

To learn more about Yahoo!'s use of personal information, including the use of web beacons in HTML-based email, please read our Privacy Policy.
Visit Your Groups | Yahoo! Groups Terms of Use | Unsubscribe from the Updates Email

3325. Kit Building

Yahoo group: pfr3_group
Date: 2011-11-21 16:36:06 UTC
From: Stan ae0sl
Topic: 3325 Message: 3325

I am primarily a PFR-3 user these days while my "main" rig gathers dust. I LOVE this rig for QRP operation. However, my kit was built by another ham because I lack confidence in my kit building ability. I recently got a nice variable temperature, multi-tip soldering station, and I want to start building some kits.

My question is where should I start? I could try another PFR-3, build another type of QRP rig, or build a small test equipment project. My last kit building experience was a couple of small Heathkit projects nearly 50 years ago. I have never soldered any SMDs, but I would like to learn. I will eventually build a PFR-3, but maybe I should start with something smaller to build confidence.

Are there any other projects that you would suggest, or should I plunge into a PFR-3?

3326. Re: [pfr3_group] Kit Building

Yahoo group: pfr3_group
Date: 2011-11-21 19:01:30 UTC
From: Steve Smith
Topic: 3325 Message: 3326

I always recommend test equipment. Unless you really need another rig (and it sounds like you don't), simple test equipment give you practice soldering and also confidence builders when they're finished. Plus you have something you can use for testing/troubleshooting future projects.

Here are some I recommend:

http://norcalqrp.org/s1s9generator.htm

http://qrpkits.com/dummyload.html

http://www.ohr.com/wattmeter.htm

Also read Doug Hendricks article: "So you want to be a builder, Huh?"

http://4sqrp.com/builder/builder.htm

Best of luck with all your projects.

73.......Steve Smith WB6TNL
"Snort Rosin"

---------- Original Message ----------
From: "Stan ae0sl" <ae0sl@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Kit Building
Date: Mon, 21 Nov 2011 16:36:06 -0000

I am primarily a PFR-3 user these days while my "main" rig gathers dust. I LOVE this rig for QRP operation. However, my kit was built by another ham because I lack confidence in my kit building ability. I recently got a nice variable temperature, multi-tip soldering station, and I want to start building some kits.

My question is where should I start? I could try another PFR-3, build another type of QRP rig, or build a small test equipment project. My last kit building experience was a couple of small Heathkit projects nearly 50 years ago. I have never soldered any SMDs, but I would like to learn. I will eventually build a PFR-3, but maybe I should start with something smaller to build confidence.

Are there any other projects that you would suggest, or should I plunge into a PFR-3?

Yahoo! Groups Links

3327. Antenna

Yahoo group: pfr3_group
Date: 2011-11-21 19:06:06 UTC
From: rays200912
Topic: 3327 Message: 3327

What is the best antenna recommended for my PFR-3 when i get it complete?
Ray
"KC0WMN"

3328. Re: [pfr3_group] Antenna

Yahoo group: pfr3_group
Date: 2011-11-21 19:15:05 UTC
From: Steve Smith
Topic: 3327 Message: 3328

Hi Ray,

The definition of "Best" depends upon the application. Fixed? Portable? What support(s) available, etc.. Give us more info..

Generically, you want somthing as long and as high as is practical. For a few fortunate folks, that might be a 4 element Yagi!

73.......Steve Smith WB6TNL

3329. Re: [pfr3_group] Kit Building

Yahoo group: pfr3_group
Date: 2011-11-21 19:58:39 UTC
From: Matt Maguire
Topic: 3325 Message: 3329

I recently built an antenna analyser, which was a great kit:
http://users.on.net/~endsodds/analsr.htm

If you want to try your hand at surface mount, the softrock software defined radio kits are great, and will teach you a lot about software defined radio:
http://www.wb5rvz.com/sdr/

I built the RX Ensemble II, which is a general coverage SDR receiver 160m-10m, and I built the RXTX, which is a 1W transceiver (mine covers 40-30-20m, but there are other options too).

Have fun!
73, Matt VK2ACL

On 22/11/2011, at 6:01 AM, Steve Smith wrote:

> I always recommend test equipment. Unless you really need another rig (and it sounds like you don't), simple test equipment give you practice soldering and also confidence builders when they're finished. Plus you have something you can use for testing/troubleshooting future projects.
>
> Here are some I recommend:
>
> http://norcalqrp.org/s1s9generator.htm
>
> http://qrpkits.com/dummyload.html
>
> http://www.ohr.com/wattmeter.htm
>
> Also read Doug Hendricks article: "So you want to be a builder, Huh?"
>
> http://4sqrp.com/builder/builder.htm
>
> Best of luck with all your projects.
>
> 73.......Steve Smith WB6TNL
> "Snort Rosin"
>
>
>
>
>
> ---------- Original Message ----------
> From: "Stan ae0sl" <ae0sl@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Kit Building

> Date: Mon, 21 Nov 2011 16:36:06 -0000
>
> I am primarily a PFR-3 user these days while my "main" rig gathers dust. I LOVE this rig for QRP operation. However, my kit was built by another ham because I lack confidence in my kit building ability. I recently got a nice variable temperature, multi-tip soldering station, and I want to start building some kits.
>
> My question is where should I start? I could try another PFR-3, build another type of QRP rig, or build a small test equipment project. My last kit building experience was a couple of small Heathkit projects nearly 50 years ago. I have never soldered any SMDs, but I would like to learn. I will eventually build a PFR-3, but maybe I should start with something smaller to build confidence.
>
> Are there any other projects that you would suggest, or should I plunge into a PFR-3?
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> Yahoo! Groups Links
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> Yahoo! Groups Links
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3330. Re: [pfr3_group] Kit Building

Yahoo group: pfr3_group
Date: 2011-11-21 22:12:31 UTC
From: f6ddv
Topic: 3325 Message: 3330

Hi Stan
Ah, I'll tell you a secret, the pfr3 is like a good beer, once you found one that goes well, we can not see the other, even in painting ...
I think you're going to have to build a pfr3, but there are not many surface components in the pfr3 or it is that you ask Doug to give up the delicate parts ...
There are other kits that pfr3 course, but for me it's the one who gave me the most fun to build, or when you must choose another model Hendricks.
For pfr3, it is possible to add a rechargeable battery pack and even a small amplifier and a built-in speaker.
I'm kidding, of course, there are other kits, everyone has the right to live of his business ...
It is certain that, mount kits and troubleshoot its products is one way to understand, after a time we want to do something home made, and this is the result.
73S
jean paul F6DDV

----- Original Message -----
From: Stan ae0sl
To: pfr3_group@yahoogroups.com
Sent: Monday, November 21, 2011 5:36 PM
Subject: [pfr3_group] Kit Building

I am primarily a PFR-3 user these days while my "main" rig gathers dust. I LOVE this rig for QRP operation. However, my kit was built by another ham because I lack confidence in my kit building ability. I recently got a nice variable temperature, multi-tip soldering station, and I want to start building some kits.

My question is where should I start? I could try another PFR-3, build another type of QRP rig, or build a small test equipment project. My last kit building experience was a couple of small Heathkit projects nearly 50 years ago. I have never soldered any SMDs, but I would like to learn. I will eventually build a PFR-3, but maybe I should start with something smaller to build confidence.

Are there any other projects that you would suggest, or should I plunge into a PFR-3?

3331. Re: [pfr3_group] Antenna

Yahoo group: pfr3_group
Date: 2011-11-21 22:55:25 UTC
From: f6ddv
Topic: 3327 Message: 3331

Hi Ray
I loved the description of:
3 The band "Lambda" antenna for pfr3 of Lynn NG9D it's just simple and extra ordinary ...
http://www.youtube.com/user/NG9D#p/u/12/VXo0XucRpt0
And I like my loop table 1m wide by coaxial cable as the weather is terrible outside or on vacation.
My pfr3 and loop are pictures on the web site from the list.
see you soon
jean paul F6DDV

----- Original Message -----
From: rays200912
To: pfr3_group@yahoogroups.com
Sent: Monday, November 21, 2011 8:06 PM
Subject: [pfr3_group] Antenna

What is the best antenna recommended for my PFR-3 when i get it complete?
Ray
"KC0WMN"

3332. Failed first smoke test

Yahoo group: pfr3_group
Date: 2011-11-23 19:12:01 UTC
From: rays200912
Topic: 3332 Message: 3332

I have been very intense on my soldering all went very well in group one. No display, I have heard that in some cases the DDS has been installed backwards in the past. I cant find a pic that lets me see the writeing. Looking at my board with the Hendricks logo top left i am able to read my DDS. Is this proper?
Ray Smith

3333. Re: [pfr3_group] Failed first smoke test

Yahoo group: pfr3_group
Date: 2011-11-23 19:43:48 UTC
From: lahagar1@aol.com
Topic: 3332 Message: 3333
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Ray,

You can see orientation (if you enlarge) on the attached photo.

Hope everything goes well for you.

Here is my PFR 3A story... so far.
http://www.youtube.com/user/NG9D#grid/user/F595C1135AC3D3A4

Happy Thanksgiving,

LYNN
NG9D

-----Original Message-----
From: rays200912 <ray@frontier.net>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Nov 23, 2011 1:12 pm
Subject: [pfr3_group] Failed first smoke test

I have been very intense on my soldering all went very well in group one. No display, I have heard that in some cases the DDS has been installed backwards in the past. I cant find a pic that lets me see the writeing. Looking at my board with the Hendricks logo top left i am able to read my DDS. Is this proper?
Ray Smith

3334. Re: [pfr3_group] Failed first smoke test

Yahoo group: pfr3_group
Date: 2011-11-23 19:45:11 UTC
From: Steve Smith
Topic: 3332 Message: 3334

Hi Ray,

Are you referring to the chip just below the LED readout? If so, that is U7, the micro-controller and yes, in the board orientation you mention, the printing reads 'normally', left to right. The notch in the chip should be to the left hand side.

You may have a micro-controller that is not programmed. It has been an issue that cropped up in the past several months. Does your chip have a dot of paint on it? If not, it is most likely not programmed.

The "backwards" chip problem that occurred on some boards was the reference oscillator, U10 but that wouldn't cause a failure of the display to illuminate unless there is a problem on the 5 Volt line. Check for 5 Volts on U5, pin 3 and U7, pin 1.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "rays200912" <ray@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Failed first smoke test
Date: Wed, 23 Nov 2011 19:12:01 -0000

I have been very intense on my soldering all went very well in group one. No display, I have heard that in some cases the DDS has been installed backwards in the past. I cant find a pic that lets me see the writeing. Looking at my board with the Hendricks logo top left i am able to read my DDS. Is this proper?
Ray Smith

3335. Re: Failed first smoke test

Yahoo group: pfr3_group
Date: 2011-11-23 20:47:13 UTC
From: rays200912
Topic: 3332 Message: 3335

sri abt not mentioning the board slot it appears that U11 is in backwards
Ray

3336. Re: [pfr3_group] Failed first smoke test

Yahoo group: pfr3_group
Date: 2011-11-23 23:09:19 UTC
From: f6ddv
Topic: 3332 Message: 3336

Good evening Ray *
No display, the controller is indeed the correct voltage, the small bridge on the circuit board is in place?
73S
jp F6DDV
----- Original Message -----
From: rays200912
To: pfr3_group@yahoogroups.com
Sent: Wednesday, November 23, 2011 8:12 PM
Subject: [pfr3_group] Failed first smoke test

I have been very intense on my soldering all went very well in group one. No display, I have heard that in some cases the DDS has been installed backwards in the past. I cant find a pic that lets me see the writeing. Looking at my board with the Hendricks logo top left i am able to read my DDS. Is this proper?
Ray Smith

3337. Re: [pfr3_group] Failed first smoke test

Yahoo group: pfr3_group
Date: 2011-11-24 00:26:36 UTC
From: Steven Weber
Topic: 3332 Message: 3337

> You may have a micro-controller that is not programmed. It has been an
> issue that cropped up in the past several months. Does your chip have a
> dot of paint on it? If not, it is most likely not programmed.
>

No, that is not a valid indication. The dots haven't been used in some time, as the current crop of kits already have the required firmware updates programmed into the chip.

No display means the processor is not pluged in the correct direction (no harm is caused if it's in backwards, it just doesn't work) or it is not getting power.

Steve KD1JV

3338. Re: [pfr3_group] Failed first smoke test

Yahoo group: pfr3_group
Date: 2011-11-24 01:17:30 UTC
From: Steve Smith
Topic: 3332 Message: 3338

That's good to know. I learn something new every day :-).

Also Ray, if you have 5 Volts on pin 1 of the micro, power off and look for pins that may have 'missed' the socket. If you see none then remove the chip and check for pins folded over. Doesn't happen often but it does happen.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Steven Weber" <steve.kd1jv@...>

No, that is not a valid indication. The dots haven't been used in some time, as the current crop of kits already have the required firmware updates programmed into the chip.

No display means the processor is not pluged in the correct direction (no harm is caused if it's in backwards, it just doesn't work) or it is not getting power.

Steve KD1JV

3339. Re: new PFR3 builder

Yahoo group: pfr3_group
Date: 2011-11-24 22:14:42 UTC
From: edingraham
Topic: 3322 Message: 3339

Making good progress! Smoke tests 1 & 2 were successful. I was a little worried about T1 because my T1 leads didn't line up with the holes, but I must have gotten the right leads into the right holes because the receiver is working well. I was copying a ham 200 miles away with no antenna at noon today. Now working on the transmitter.

73, Ed WX4S

--- In pfr3_group@yahoogroups.com, lahagar1@... wrote:
>
>
> Ed,
>
> That is great news!
>
> With all parts in-hand, you are well on your way to a pleasant kit building experience!!
>
> 73,
> Lynn
> NG9D
>
> www.YouTube.com/NG9D
>
> -----Original Message-----
> From: edingraham <edingraham@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Mon, Nov 14, 2011 10:01 am
> Subject: [pfr3_group] new PFR3 builder
>
>
>
>
> Received my PFR3 kit last week and just found time to sort and inventory all the parts. In reference to message 3170, my Ft37-43 toroids are indeed Ft37-43's. I wound 10 turns on one and the inductance closely matches the Amidon data sheet. All other parts were present and accounted for, although I have a few extra caps.
>
> 73, Ed WX4S
>

3340. Pfr3 vs pfr3A

Yahoo group: pfr3_group
Date: 2011-11-24 22:18:57 UTC
From: AF2Q A-1 CW OP
Topic: 3340 Message: 3340

Can someone tell me what the difference is between the very early pfr3 and the updated pfr3A? Can the early version be updated? Thank and Happy Thanksgiving. Bob AF2Q
Outdoor Junkie & Girl Watcher

3341. Re: [pfr3_group] Re: new PFR3 builder

Yahoo group: pfr3_group
Date: 2011-11-24 22:31:26 UTC
From: f6ddv
Topic: 3322 Message: 3341

Good evening Ed
Oh, well, if you have passed the stage of the diabolical T1 assembly will make great strides ...
Mine is here
http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list
I'm sure yours will be fine and he will do the DX!
73s
jp F6DDV
----- Original Message -----
From: edingraham
To: pfr3_group@yahoogroups.com
Sent: Thursday, November 24, 2011 11:14 PM
Subject: [pfr3_group] Re: new PFR3 builder
Making good progress! Smoke tests 1 & 2 were successful. I was a little worried about T1 because my T1 leads didn't line up with the holes, but I must have gotten the right leads into the right holes because the receiver is working well. I was copying a ham 200 miles away with no antenna at noon today. Now working on the transmitter.

73, Ed WX4S

--- In pfr3_group@yahoogroups.com, lahagar1@... wrote:
> Ed,
>
> That is great news!
>
> With all parts in-hand, you are well on your way to a pleasant kit building experience!!
>
> 73,
> Lynn
> NG9D
>
> www.YouTube.com/NG9D
>
> -----Original Message-----
> From: edingraham <edingraham@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Mon, Nov 14, 2011 10:01 am
> Subject: [pfr3_group] new PFR3 builder
>
> Received my PFR3 kit last week and just found time to sort and inventory all the parts. In reference to message 3170, my Ft37-43 toroids are indeed Ft37-43's. I wound 10 turns on one and the inductance closely matches the Amidon data sheet. All other parts were present and accounted for, although I have a few extra caps.
>
> 73, Ed WX4S

3342. Re: [pfr3_group] Pfr3 vs pfr3A

Yahoo group: pfr3_group
Date: 2011-11-25 00:08:57 UTC
From: Steven Weber
Topic: 3340 Message: 3342

Most of the differences are mechanical to make the board somewhat easier to populate. There were some minor circuit changes, but nothing which affected performanc or functionality. There is no need to "update".

> Can someone tell me what the difference is between the very early pfr3 and
> the updated pfr3A? Can the early
> version be updated? Thank and Happy Thanksgiving. Bob AF2Q

3343. Re: [pfr3_group] Pfr3 vs pfr3A

Yahoo group: pfr3_group
Date: 2011-11-25 00:16:41 UTC
From: grylssurvival@aol.com
Topic: 3340 Message: 3343

Hi Steve,
Appreciate the information.
Like the other builder I also at times pick uo some very weak but readable CW.
The RX is very good.
You knew what you were doing when you designed that rig.
Many thanks
BOB
AF2Q

In a message dated 11/24/2011 4:09:02 P.M. Pacific Standard Time, steve.kd1jv@... writes:

Most of the differences are mechanical to make the board somewhat easier to

populate. There were some minor circuit changes, but nothing which affected
performanc or functionality. There is no need to "update".

> Can someone tell me what the difference is between the very early pfr3 and
> the updated pfr3A? Can the early
> version be updated? Thank and Happy Thanksgiving. Bob AF2Q

3344. torroids and hot glue??

Yahoo group: pfr3_group
Date: 2011-11-25 14:54:46 UTC
From: rays200912
Topic: 3344 Message: 3344

on group one had to replace C24 and passed smoke test. Just finished group two and making ready to test. I am concerned about T1 and L1 would it be ok to use hot glue to keep them in a more solid mount?
Ray

3345. Re: [pfr3_group] torroids and hot glue??

Yahoo group: pfr3_group
Date: 2011-11-25 15:20:08 UTC
From: f6ddv
Topic: 3344 Message: 3345

Hello Ray
I would not put the hot glue for you, not silicone glue or some special wax that melts at a soldering iron.
If we repeat the transformer is easier, I made a mistake for the T1 (I am a champion for that!) I was happy to take it off easily and cleanly again.
see you soon
jean paul F6DDV

----- Original Message -----
From: rays200912
To: pfr3_group@yahoogroups.com
Sent: Friday, November 25, 2011 3:54 PM
Subject: [pfr3_group] torroids and hot glue??

on group one had to replace C24 and passed smoke test. Just finished group two and making ready to test. I am concerned about T1 and L1 would it be ok to use hot glue to keep them in a more solid mount?
Ray

3346. RE: [pfr3_group] torroids and hot glue??

Yahoo group: pfr3_group
Date: 2011-11-25 15:25:25 UTC
From: Dale Putnam
Topic: 3344 Message: 3346

Hi Ray,
I wouldn't recommend glue at all.. I will preface this with, I've not seen any of the coils break loose from use. I have seen them broken loose with fat fingers, and rough handling. IF the leads can be tightened, they will hold the core securely. IF you can't do that, and are still concerned, I have used candle wax, it is easy to remove, and holds secure. However, don't apply the wax until you are certain the radio rx correctly, with the correct and adequate sensitivity. Otherwise, you will be working the wax multiple times.
Good luck and have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: f6ddv@wanadoo.fr
Date: Fri, 25 Nov 2011 16:20:08 +0100
Subject: Re: [pfr3_group] torroids and hot glue??

☐

Hello
Ray
I would not put the hot glue for you, not silicone glue or some special wax that melts at a soldering iron.
If we repeat the transformer is easier, I made a mistake for the T1 (I am a champion for that!)
I was happy to take it off easily and cleanly again.
see you soon
jean paul F6DDV

----- Original Message -----
From:
rays200912
To: pfr3_group@yahoogroups.com
Sent: Friday, November 25, 2011 3:54
PM
Subject: [pfr3_group] torroids and hot
glue??

on group one had to replace C24 and passed smoke test. Just finished group two and making ready to test. I am concerned about T1 and L1 would it be ok to use hot glue to keep them in a more solid mount?
Ray

3347. Re: [pfr3_group] torroids and hot glue??

Yahoo group: pfr3_group
Date: 2011-11-25 19:59:12 UTC
From: AF2Q A-1 CW OP
Topic: 3344 Message: 3347

Hi Ray,you don't need anything but if your asking then go ahead and use some heat gun glue because it will give you satisfaction and it won't do nothing but make it neater looking and better then trying to pull the wires through the board tight. Bob AF2Q
Outdoor Junkie & Girl Watcher

3348. Re: [pfr3_group] torroids and hot glue??

Yahoo group: pfr3_group
Date: 2011-11-25 20:52:56 UTC
From: f6ddv
Topic: 3344 Message: 3348

Good evening everyone
It is possible to use the hot glue gun, but it's easier to put it into taking a part of the glue stick, cut into 4 in length and with an old soldering iron pane thoroughly cleaned in order not to residual carbon or metal.
There must be just a drop below, or a small drop on each side of the torus which is based on the circuit board.
And above all it was not until the end of assembly for the torus, as it is useful to move the coils to balance the power to 5 W of the 3 bands, and just as we are sure we can stick slightly torroids.
For the reception, we must ensure that the best signal is opposite numbers of the bands, because if the torus T1 is not "OK" there may be the best setting outside of the race of the capacitor, check that the agreements bands 7 MHz and 14 MHz are well before the stop of the capacitor, wait paste, sometimes it does not go well, and it is regrettable to go too fast ...
I prefer the light brown wax that is special for this purpose, and always in very small quantities.
have a nice day
F6DDV
----- Original Message -----
From: AF2Q A-1 CW OP
To: pfr3_group@yahoogroups.com
Sent: Friday, November 25, 2011 8:59 PM
Subject: Re: [pfr3_group] torroids and hot glue??

Hi Ray,you don't need anything but if your asking then go ahead and use some heat gun glue because it will give you satisfaction and it won't do nothing but make it neater looking and better then trying to pull the wires through the board tight. Bob AF2Q
Outdoor Junkie & Girl Watcher

3349. Testing group 2

Yahoo group: pfr3_group
Date: 2011-11-26 04:14:30 UTC
From: rays200912
Topic: 3349 Message: 3349

whats a good psk31 software for setting zero beat i have used digi pan but it dosent have a cw mode
Ray

3350. Re: [pfr3_group] Testing group 2

Yahoo group: pfr3_group
Date: 2011-11-26 11:43:16 UTC
From: f6ddv
Topic: 3349 Message: 3350

Ham Radio Deluxe is good I think
but there are probably easier for apps ...
I think this setting is not very important at the outset

have a nice day
jp F6DDV

----- Original Message -----
From: rays200912
To: pfr3_group@yahoogroups.com
Sent: Saturday, November 26, 2011 5:14 AM
Subject: [pfr3_group] Testing group 2

whats a good psk31 software for setting zero beat i have used digi pan but it dosent have a cw mode
Ray

3351. Re: [pfr3_group] torroids and hot glue??

Yahoo group: pfr3_group
Date: 2011-11-26 13:56:53 UTC
From: lahagar1@aol.com
Topic: 3344 Message: 3351

Hi Ray,

I agree with the other builders' advice that hot glue, wax or any other type of coil finishing treatment is not needed for mechanical strength or frequency stability.

73,

Lynn
NG9D

-----Original Message-----
From: rays200912 <ray@...>
To: pfr3_group <pfr3_group@...m>
Sent: Fri, Nov 25, 2011 8:54 am
Subject: [pfr3_group] torroids and hot glue??

on group one had to replace C24 and passed smoke test. Just finished group two and making ready to test. I am concerned about T1 and L1 would it be ok to use hot glue to keep them in a more solid mount?
Ray

3352. RE: [pfr3_group] Testing group 2

Yahoo group: pfr3_group
Date: 2011-11-26 16:02:33 UTC
From: James Good
Topic: 3349 Message: 3352

Ray and others interested,

If you want to do CW in digital modes, look at the NBEMS suite of programs. Fldigi, the main part of the suite, does offer CW as an operating mode. Personally, I have not tried that mode for either transmit or receive for an extensive length of time but looking at the mode very quickly as a station sends a CWID every few minutes the copy seems to be good.

Good luck in the search,

James KD5VXH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of rays200912
Sent: Friday, November 25, 2011 10:15 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Testing group 2

whats a good psk31 software for setting zero beat i have used digi pan but it dosent have a cw mode
Ray

3353. Re: Testing group 2

Yahoo group: pfr3_group
Date: 2011-11-27 11:33:39 UTC
From: Michael E. Califf,Sr
Topic: 3349 Message: 3353

MixW is a good psk and other digital programs program.

Mecsr MikeSr AB7OC

3354. Final tests, Finally

Yahoo group: pfr3_group
Date: 2011-11-27 18:07:08 UTC
From: aj4yz
Topic: 3354 Message: 3354

Ok, I just finished rewinding the last toroid and replacing the two switches above it since they wouldn't fit in the top properly. I then hooked up a 12v supply and a wattmeter and then a dummy load.
I got almost 6v on 40, 5.5 on 30 and 2.5 on 20. I tried to spread the wires out on the toroid but nothing changed. I power cycled the unit and then all of a sudden I got like 6v on 20. Power cycled again and back to 2.5v. What did i mess up?

3355. Re: [pfr3_group] Final tests, Finally

Yahoo group: pfr3_group
Date: 2011-11-27 19:21:41 UTC
From: Steve Smith
Topic: 3354 Message: 3355

I'd recommend checking the soldering on the 20 Meter output filter inductors. This problem has been reported in the Group several times. Also ensure that all the insulation is stripped from the ends of the wires before re-soldering.

Best of luck with the rest of the project.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "aj4yz" <aj4yzmitch@gmail.com>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Final tests, Finally
Date: Sun, 27 Nov 2011 18:07:08 -0000

Ok, I just finished rewinding the last toroid and replacing the two switches above it since they wouldn't fit in the top properly. I then hooked up a 12v supply and a wattmeter and then a dummy load.
I got almost 6v on 40, 5.5 on 30 and 2.5 on 20. I tried to spread the wires out on the toroid but nothing changed. I power cycled the unit and then all of a sudden I got like 6v on 20. Power cycled again and back to 2.5v. What did i mess up?

Yahoo! Groups Links

3356. Re: [pfr3_group] Final tests, Finally

Yahoo group: pfr3_group
Date: 2011-11-27 20:56:14 UTC
From: f6ddv
Topic: 3354 Message: 3356
Attachments: 1 described; binary payloads are missing from this source WARC

Hello
In fact, I noticed that this is not the son distributed around the torus, which increases the power,
it is sometimes to bring them up for some of the turns, the two cores of the same pass filter there.

But it really depends on each lot, and there are a series of torroids not identical characteristics.
The rising power of a sudden it's strange, can warm up the welds on the low pass filter which is concerned?
73s
Jean paul F6DDV
----- Original Message -----
From: aj4yz
To: pfr3_group@yahoogroups.com
Sent: Sunday, November 27, 2011 7:07 PM
Subject: [pfr3_group] Final tests, Finally

Ok, I just finished rewinding the last toroid and replacing the two switches above it since they wouldn't fit in the top properly. I then hooked up a 12v supply and a wattmeter and then a dummy load.
I got almost 6v on 40, 5.5 on 30 and 2.5 on 20. I tried to spread the wires out on the toroid but nothing changed. I power cycled the unit and then all of a sudden I got like 6v on 20. Power cycled again and back to 2.5v. What did i mess up?

3357. Re: Final tests, Finally

Yahoo group: pfr3_group
Date: 2011-11-27 21:51:37 UTC
From: aj4yz
Topic: 3354 Message: 3357

I pulled the 20m toroids. I restripped them and then I resoldered L12 and 13. All power went down to about 1 watt on all the bands.
Resoldered in place and touched up the others and got 20 meters up to about 4 watts and the rest stayed at about 1 watt each. I will tear out the toroids tomorrow and clean the board up and then redo them all to see what the lottery has in store for me then.
Thanks for the help all.

--- In pfr3_group@yahoogroups.com, "aj4yz" <aj4yzmitch@...> wrote:
>
> Ok, I just finished rewinding the last toroid and replacing the two switches above it since they wouldn't fit in the top properly. I then hooked up a 12v supply and a wattmeter and then a dummy load.
> I got almost 6v on 40, 5.5 on 30 and 2.5 on 20. I tried to spread the wires out on the toroid but nothing changed. I power cycled the unit and then all of a sudden I got like 6v on 20. Power cycled again and back to 2.5v. What did i mess up?
>

3358. Re: new PFR3 builder

Yahoo group: pfr3_group
Date: 2011-11-28 16:12:14 UTC
From: edingraham
Topic: 3322 Message: 3358

Both R3 and R48 are listed as 470 Ohm resistors both in the build instructions and on the schematic. But the parts list only has one 470 Ohm resistor. Has anyone else noticed this discrepancy?

Ed, WX4S

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Good evening Ed
> Oh, well, if you have passed the stage of the diabolical T1 assembly will make great strides ...
> Mine is here
> http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list
> I'm sure yours will be fine and he will do the DX!
> 73s
> jp F6DDV
> ----- Original Message -----
> From: edingraham
> To: pfr3_group@yahoogroups.com
> Sent: Thursday, November 24, 2011 11:14 PM
> Subject: [pfr3_group] Re: new PFR3 builder
> Making good progress! Smoke tests 1 & 2 were successful. I was a little worried about T1 because my T1 leads didn't line up with the holes, but I must have gotten the right leads into the right holes because the receiver is working well. I was copying a ham 200 miles away with no antenna at noon today. Now working on the transmitter.
>
> 73, Ed WX4S
>
> --- In pfr3_group@yahoogroups.com, lahagar1@ wrote:
> > Ed,
> >
> > That is great news!
> >
> > With all parts in-hand, you are well on your way to a pleasant kit building experience!!
> >
> > 73,
> > Lynn
> > NG9D
> >
> > www.YouTube.com/NG9D
> >
> > -----Original Message-----
> > From: edingraham <edingraham@>
> > To: pfr3_group <pfr3_group@yahoogroups.com>

> > Sent: Mon, Nov 14, 2011 10:01 am
> > Subject: [pfr3_group] new PFR3 builder
> >
> > Received my PFR3 kit last week and just found time to sort and inventory all the parts. In reference to message 3170, my Ft37-43 toroids are indeed Ft37-43's. I wound 10 turns on one and the inductance closely matches the Amidon data sheet. All other parts were present and accounted for, although I have a few extra caps.
> >
> > 73, Ed WX4S
>

3359. Re: [pfr3_group] Re: new PFR3 builder

Yahoo group: pfr3_group
Date: 2011-11-28 21:28:51 UTC
From: f6ddv
Topic: 3322 Message: 3359

good evening Ed
I do not remember, it's been too long
I think I missed a resistance effect, which I do not know, but there were many against capacitor charge.
Some ham radio, exchange of mails had wrote that the mica capacitors were more effective in the low-pass filters or other place ...
I do not know ...
One thing is certain, this pfr3 works perfectly well.
73s
F6DDV

----- Original Message -----
From: edingraham
To: pfr3_group@yahoogroups.com
Sent: Monday, November 28, 2011 5:12 PM
Subject: [pfr3_group] Re: new PFR3 builder

Both R3 and R48 are listed as 470 Ohm resistors both in the build instructions and on the schematic. But the parts list only has one 470 Ohm resistor. Has anyone else noticed this discrepancy?

Ed, WX4S

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Good evening Ed
> Oh, well, if you have passed the stage of the diabolical T1 assembly will make great strides ...
> Mine is here
> http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list
> I'm sure yours will be fine and he will do the DX!
> 73s
> jp F6DDV
> ----- Original Message -----
> From: edingraham
> To: pfr3_group@yahoogroups.com
> Sent: Thursday, November 24, 2011 11:14 PM
> Subject: [pfr3_group] Re: new PFR3 builder
> Making good progress! Smoke tests 1 & 2 were successful. I was a little worried about T1 because my T1 leads didn't line up with the holes, but I must have gotten the right leads into the right holes because the receiver is working well. I was copying a ham 200 miles away with no antenna at noon today. Now working on the transmitter.
>
> 73, Ed WX4S
>
> --- In pfr3_group@yahoogroups.com, lahagar1@ wrote:

> > Ed,
> >
> > That is great news!
> >
> > With all parts in-hand, you are well on your way to a pleasant kit building experience!!
> >
> > 73,
> > Lynn
> > NG9D
> >
> > www.YouTube.com/NG9D
> >
> > -----Original Message-----
> > From: edingraham <edingraham@>
> > To: pfr3_group <pfr3_group@yahoogroups.com>
> > Sent: Mon, Nov 14, 2011 10:01 am
> > Subject: [pfr3_group] new PFR3 builder
> >
> > Received my PFR3 kit last week and just found time to sort and inventory all the parts. In reference to message 3170, my Ft37-43 toroids are indeed Ft37-43's. I wound 10 turns on one and the inductance closely matches the Amidon data sheet. All other parts were present and accounted for, although I have a few extra caps.
> >
> > 73, Ed WX4S
>

3360. Group 2 Passed

Yahoo group: pfr3_group
Date: 2011-11-28 21:42:30 UTC
From: rays200912
Topic: 3360 Message: 3360

Its been a great experience fer sure es luvin it.Got a pass on group 1 moved on es have completed group 2 the opportunity to have precise alignment was availible through my elmer W9KV He has the freq cntr, signal generator es o,scope es a world of knowledge, a bit of head scratching on schematics vs board but was putting to much into it str8 forward once familiarized es abt ten min. max. On to group 3, then check voltage.
73
Ray

3361. Finale stage

Yahoo group: pfr3_group
Date: 2011-11-29 02:38:34 UTC
From: rays200912
Topic: 3361 Message: 3361

Well T2 es T3 torroids left, Then the finale testing, es labels.
73
Ray
KC0WMN

3362. Re: [pfr3_group] Finale stage

Yahoo group: pfr3_group
Date: 2011-11-29 02:59:14 UTC
From: Steve Smith
Topic: 3361 Message: 3362

How did you resolve the U11 problem?

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "rays200912" <ray@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Finale stage
Date: Tue, 29 Nov 2011 02:38:34 -0000

Well T2 es T3 torroids left, Then the finale testing, es labels.
73
Ray
KC0WMN

Yahoo! Groups Links

3363. Finale stage

Yahoo group: pfr3_group
Date: 2011-11-29 03:02:29 UTC
From: rays200912
Topic: 3361 Message: 3363

Well T2 es T3 torroids left, Then the finale testing, es labels.
73
Ray
KC0WMN

3364. Re: Finale stage

Yahoo group: pfr3_group
Date: 2011-11-29 03:18:33 UTC
From: rays200912
Topic: 3361 Message: 3364

I havnt done anything with u11 the letters seem to be opposite of others i have looked at. However, the words are different, the #1 spot in upper left crnr as should be, new manufacture or batch im thinking. all tests have past with great results at this time. Low pass filter torroids a bit intimidating at first but went together without a hitch and taught, as all have recomended and leaned towards advisment I have no more need to want to glue.

3365. Re: Finale stage

Yahoo group: pfr3_group
Date: 2011-11-29 03:25:36 UTC
From: rays200912
Topic: 3361 Message: 3365

In group 1 i did encounter a electrolytic cap c24 to not giv a value what so ever. after replacing, and confirming capacitance i was able to complete group 1 smoke test and moved on never to think of u11 again HI
Ray

3366. finale test adjustments

Yahoo group: pfr3_group
Date: 2011-11-30 05:49:40 UTC
From: rays200912
Topic: 3366 Message: 3366

Board complete @ 12 volts, 5.5 watts on 40m, 5.5 watts 30m, 0 watss on 20m. After adjustments to torroids 5.2wts 40m, 5wts 30m, 0wts 20mtr.
will most likely rewind 20 meter torroids it seems to me torroids did not like even space, was able to bring windings up to where only useing abt 2/3 torroid i have to have missed count on 20m. Decals were fun HI.
73 Ray KC0WMN

3367. Re: [pfr3_group] finale test adjustments

Yahoo group: pfr3_group
Date: 2011-11-30 05:53:47 UTC
From: Steve Smith
Topic: 3366 Message: 3367

I doubt that you need to re-wind the toroids. More likely a bad solder connection on one of them. That is usually caused by not properly preparing the leads by stripping -all- of the enamel insulation and tinning the leads properly.

Best of luck with the rest of the build.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "rays200912" <ray@frontier.net>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] finale test adjustments
Date: Wed, 30 Nov 2011 05:49:40 -0000

Board complete @ 12 volts, 5.5 watts on 40m, 5.5 watts 30m, 0 watss on 20m. After adjustments to torroids 5.2wts 40m, 5wts 30m, 0wts 20mtr.
will most likely rewind 20 meter torroids it seems to me torroids did not like even space, was able to bring windings up to where only useing abt 2/3 torroid i have to have missed count on 20m. Decals were fun HI.
73 Ray KC0WMN

3368. got it

Yahoo group: pfr3_group
Date: 2011-11-30 06:57:48 UTC
From: rays200912
Topic: 3368 Message: 3368

You hit it steve cold solder on one side of L3 i used the technique from hendricks page drilled out a solder tip and made a tin pot worked very well nothin is fer sure a gud hammy wud hve ohm that one out to.
5.5wts 20mtr 5.5 wts 30mtr 5 wts 40mtr im puttin this one to bed will try to finalize tomorrow.
Thanks all
73
KC0WMN
Ray

3369. Success!!!

Yahoo group: pfr3_group
Date: 2011-11-30 14:49:39 UTC
From: rays200912
Topic: 3369 Message: 3369

All complete, have not put an ant to it yet will do this eve (Lambda wire). it benched great 5.5wts 20m 5wts 30m 5wts 40m after torroid adjustment. I wish to thank all who held my hand through it. a very knowledgable experience. Luv the Hendricks stuff. catch you on da waves.
73 KC0WMN
Ray

3370. Field Use Headphones

Yahoo group: pfr3_group
Date: 2011-11-30 16:13:29 UTC
From: Stan ae0sl
Topic: 3370 Message: 3370

I am looking for suggestions for headphones to use when I take my PFR-3 to the field. I have some Bose headphones that I love in the shack, but I am looking for something with good CW reproduction, but most importantly rugged construction that will survive backpacking through rough terrain. I do not want earbuds though. I prefer something over the ear.

Does anyone out there have a good suggestion for a rugged headphone?

3371. Re: [pfr3_group] Success!!!

Yahoo group: pfr3_group
Date: 2011-11-30 21:01:20 UTC
From: f6ddv
Topic: 3369 Message: 3371
Attachments: 1 described; binary payloads are missing from this source WARC

Good evening Ray
Yes, a big thumbs up!
You have mounted fast enough I think ... I am slower in my montages.
You will be satisfied, that "little yellow TX" to everything you need.

73s
j. Paul F6DDV
----- Original Message -----
From: rays200912
To: pfr3_group@yahoogroups.com
Sent: Wednesday, November 30, 2011 3:49 PM
Subject: [pfr3_group] Success!!

All complete, have not put an ant to it yet will do this eve (Lambda wire). it benched great 5.5wts 20m 5wts 30m 5wts 40m after torroid adjustment. I wish to thank all who held my hand through it. a very knowledgable experience. Luv the Hendricks stuff. catch you on da waves.
73 KC0WMN
Ray

3372. final test result and a question

Yahoo group: pfr3_group
Date: 2011-12-01 00:09:41 UTC
From: edingraham
Topic: 3322 Message: 3372

I performed the final tests today. The initial power output was 6/5/6 (on 40/30/20). After adjusting the low pass filter windings, I got 5/5/5 watts...so that's great!

Now for the question: I was wondering what the effect of adjusting the toroid windings was and why we are looking for 5 watts instead of 6. Please correct me if I am wrong: The low pass filters effectively convert a square wave to a sine wave. Apparently our designer, Steve, has determined that 5 watts corresponds to a clean sine wave, but 6 watts contains some pesky harmonic content.

73, Ed WX4S

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> good evening Ed
> I do not remember, it's been too long
> I think I missed a resistance effect, which I do not know, but there were many against capacitor charge.
> Some ham radio, exchange of mails had wrote that the mica capacitors were more effective in the low-pass filters or other place ...
> I do not know ...
> One thing is certain, this pfr3 works perfectly well.
> 73s
> F6DDV
>
> ----- Original Message -----
> From: edingraham
> To: pfr3_group@yahoogroups.com
> Sent: Monday, November 28, 2011 5:12 PM
> Subject: [pfr3_group] Re: new PFR3 builder
>
>
>
> Both R3 and R48 are listed as 470 Ohm resistors both in the build instructions and on the schematic. But the parts list only has one 470 Ohm resistor. Has anyone else noticed this discrepancy?
>
> Ed, WX4S
>
> --- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@> wrote:
> >
> > Good evening Ed
> > Oh, well, if you have passed the stage of the diabolical T1 assembly will make great strides ...
> > Mine is here
> > http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list
> > I'm sure yours will be fine and he will do the DX!

> > 73s
> > jp F6DDV
> > ----- Original Message -----
> > From: edingraham
> > To: pfr3_group@yahoogroups.com
> > Sent: Thursday, November 24, 2011 11:14 PM
> > Subject: [pfr3_group] Re: new PFR3 builder
> > Making good progress! Smoke tests 1 & 2 were successful. I was a little worried about T1 because my T1 leads didn't line up with the holes, but I must have gotten the right leads into the right holes because the receiver is working well. I was copying a ham 200 miles away with no antenna at noon today. Now working on the transmitter.
> >
> > 73, Ed WX4S
> >
> > --- In pfr3_group@yahoogroups.com, lahagar1@ wrote:
> > > Ed,
> > >
> > > That is great news!
> > >
> > > With all parts in-hand, you are well on your way to a pleasant kit building experience!!
> > >
> > > 73,
> > > Lynn
> > > NG9D
> > >
> > > www.YouTube.com/NG9D
> > >
> > > -----Original Message-----
> > > From: edingraham <edingraham@>
> > > To: pfr3_group <pfr3_group@yahoogroups.com>
> > > Sent: Mon, Nov 14, 2011 10:01 am
> > > Subject: [pfr3_group] new PFR3 builder
> > >
> > > Received my PFR3 kit last week and just found time to sort and inventory all the parts. In reference to message 3170, my Ft37-43 toroids are indeed Ft37-43's. I wound 10 turns on one and the inductance closely matches the Amidon data sheet. All other parts were present and accounted for, although I have a few extra caps.
> > >
> > > 73, Ed WX4S
> >
>

3373. FOX - Wahooo... IT's TIME!!!

Yahoo group: pfr3_group
Date: 2011-12-01 00:30:28 UTC
From: Dale Putnam
Topic: 3373 Message: 3373

It is time to bring out the good leather folks, and saddle up,
get ready to ride... it time for another FOXHUNT in the 40 acre woods once again.
There will be a Texas and a Wyoming Fox on the prowl... can you catch 'em and grab a pelt?
You can't say, if you've never done it. And... you can't say unless you do it tomorrow night.
7pm MT... or 0200z Friday.... Thursday nite in these here 40 acre woods.
Line up at 0200z, (7pm) somewhere between the two trees marked 7.030 and 7.050....
then look for the two FOXII on the loose... one will be barking out KZ5J and the other will be
barking WC7S... listen to them close... they will likely be telling you "up ....x" until after 0300z
and then work you simplex.... however... I must warn you... one of them is a sly fox... he might
bark "up 1" then be listening up 1.75 or even up 2.3... then up only .7... so spread out, and have a
lot of fun... if you all get into a pack.. and circle a single tree.. he will likely fool you all and jump
to another tree.... he's been known to do that.. so be very aware.

The Game Warden advises that anyone caught attempting to swipe a pelt after the horn blows at 0330z...
that's 830pm MT for you cowboy types.....will be severely punished about the ears and tail.... or ... just have
the pelt returned to it's rightful place.

NO BITING, and pulling tails... that won't work... play nice, is much more fun...
and speaking of fun??>>>>

IT's a GOOOOD Day for a FOXHUNT, FOLKS!!!!

--... ..---
Dale - WC7S in Wy
Http://www.qrpfoxhunt.org

3374. Re: [pfr3_group] final test result and a question

Yahoo group: pfr3_group
Date: 2011-12-01 12:33:55 UTC
From: Ray Smith
Topic: 3322 Message: 3374

Hello Ed,
My turn:) 5 watts or less is qrp for cw. i have nestled in at 6 watts with batteries that actually give 13 volts i belive after an hour of use batts will settle down to 12 volts giving me my 5 wts qrp. a regulated pwer supply is a solution but who wants to carry that? a mod using silicon diodes in line with + lead another. ive tuned to where you r and am settling in.
73 ray

3375. Re: Field Use Headphones

Yahoo group: pfr3_group
Date: 2011-12-03 17:25:08 UTC
From: bertthompson@rocketmail.com
Topic: 3370 Message: 3375

Stan,

I,m cheap so I use a Maxcell headphones "HP/NC-II". They are noise cancelling and work great. The price is around $35. The only problem is no volume control. The next step up is the "HP/NC-III" which has volume control. good luck

Bert M. Thompson KB3MHB 73

--- In pfr3_group@yahoogroups.com, "Stan ae0sl" <ae0sl@...> wrote:
>
> I am looking for suggestions for headphones to use when I take my PFR-3 to the field. I have some Bose headphones that I love in the shack, but I am looking for something with good CW reproduction, but most importantly rugged construction that will survive backpacking through rough terrain. I do not want earbuds though. I prefer something over the ear.
>
> Does anyone out there have a good suggestion for a rugged headphone?
>

3376. Need, Please?

Yahoo group: pfr3_group
Date: 2011-12-10 02:26:42 UTC
From: Dale Putnam
Topic: 3376 Message: 3376

Ever have one of those days.. when it just doesn't seem to pay to get outta bed?
Well, this one was close... for me.

So.. after a shop computer crash, I reached for the back up thumb drives.. only to find... or more
accurately.. NOT find them.

So.. here's the question.. does anyone have the original PFR3 with the painted on labels, that has the
original cd? Could you send the manual from that cd to me, via email please?

Thank you very much.

--... ...--
Dale - WC7S in Wy

3377. Re: [pfr3_group] Need, Please?

Yahoo group: pfr3_group
Date: 2011-12-10 03:03:24 UTC
From: Steve Smith
Topic: 3376 Message: 3377
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

3378. PCB holder you can build

Yahoo group: pfr3_group
Date: 2011-12-13 01:56:28 UTC
From: Ken
Topic: 3378 Message: 3378

Are you ready for a useful tool that you can assemble with a hammer? I came up with this after I got tired of chasing around pcb's on the bench top during construction and testing. I have one of those gimbaled pcb vises, but it takes up too much room on the bench.

This is perfect for secure holding of PCB's during soldering, prototyping, and testing. A dovetail
groove prevents any slipping of the board from the fixture, with minimal clamping pressure.
The jaw opening will easily accommodate and securely hold boards from 1/4" to 5", easily
extended with longer rods. The jaws are fabricated from UHMW, (ultra-high-molecular-weight
polyethylene), rods are Nylon. Easily replaceable elastic band for many years of service.
All the details are here for anyone wanting to build one, or there is a complete kit of machined
parts ready for assembly, now available.

http://www.qrpbuilder.com/downloads/pcb_holder_you_can_build.pdf

ken ☐ wa4mnt

3379. Re: [pfr3_group]

Yahoo group: pfr3_group
Date: 2011-12-13 18:05:28 UTC
From: f6ddv
Topic: 3379 Message: 3379
Attachments: 1 described; binary payloads are missing from this source WARC

Good evening everyone
Who can tell me or are the buttons for small caps?
I have not had in my kit ... and I think it's not as good without those red caps
see you soon
jean paul F6DDV
(I'm also looking nylon standoffs for variable capacitors that I have here)

3380. Re: [pfr3_group]

Yahoo group: pfr3_group
Date: 2011-12-13 20:55:24 UTC
From: Steve Smith
Topic: 3380 Message: 3380

JP,

Definitely better DX with the red caps. :-) At least it feels better to me. :-P

73.......Steve Smith WB6TNL

3381. Re: [pfr3_group]

Yahoo group: pfr3_group
Date: 2011-12-13 22:34:26 UTC
From: f6ddv
Topic: 3381 Message: 3381
Attachments: 1 described; binary payloads are missing from this source WARC

Problem for photo ?
From: f6ddv
To: pfr3_group@yahoogroups.com
Sent: Tuesday, December 13, 2011 7:05 PM
Subject: Re: [pfr3_group]

Good evening everyone
Who can tell me or are the buttons for small caps?
I have not had in my kit ... and I think it's not as good without those red caps
see you soon
jean paul F6DDV
(and i am also looking nylon standoffs for variable capacitors that I have here)

3382. Re: [pfr3_group]

Yahoo group: pfr3_group
Date: 2011-12-13 23:22:39 UTC
From: f6ddv
Topic: 3382 Message: 3382

Um, yes ...
absolutely necessary for the DX!
Seriously, I do not know what to put at the end of the push rods to prevent them to go from left to right, because it is not very good ...
not so easy to find ...
see you soon
jp F6DDV
----- Original Message -----
From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Tuesday, December 13, 2011 9:55 PM
Subject: Re: [pfr3_group]

JP,

Definitely better DX with the red caps. :-) At least it feels better to me. :-P

73.......Steve Smith WB6TNL

3383. Re: [pfr3_group]

Yahoo group: pfr3_group
Date: 2011-12-13 23:33:03 UTC
From: Ray Smith
Topic: 3383 Message: 3383

I used a yellow cap:) I also had some metal gromets for passing a wire through a punched hole they fit perfect and i even matched the color wrks great. I also went to the bone yard and fabricated a window to cover (protect) the red film on the display luks top shelf will post pic.
Ray KC0WMN

.

3384. RE: [pfr3_group]

Yahoo group: pfr3_group
Date: 2011-12-14 00:01:54 UTC
From: Dale Putnam
Topic: 3382 Message: 3384

The TACT switches the PFR3 uses are designed to be activated by sideways force, not so much of the straight up and down. Straight up and down forces will cause a premature switch failure. Yes, they activate that way, yet they are not designed for longevity in that use.

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: f6ddv@...
Date: Wed, 14 Dec 2011 00:22:39 +0100
Subject: Re: [pfr3_group]

Um, yes
...
absolutely necessary for the DX!
Seriously,
I do not know what to put at the end of the push rods to prevent them to go from left to right, because it is not very good ...
not so easy
to find ...
see you soon
jp F6DDV

----- Original Message -----
From:
Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Tuesday, December 13, 2011 9:55
PM
Subject: Re: [pfr3_group]

JP,

Definitely better DX with the red caps. :-) At least it feels
better to me. :-P

73.......Steve Smith WB6TNL

3385. Re: [pfr3_group]

Yahoo group: pfr3_group
Date: 2011-12-14 15:30:15 UTC
From: f6ddv
Topic: 3385 Message: 3385

Oh yes, Ray
it's a shame, no photos ... I do not understand everything.
anyone know where you can buy nylon spacers and screw for a lot of Poly-varactor I have in stock?
The seller sold them with the two screws to fix them, but not the center screw that is not metric and without nylon spacers can be of various lengths.
(The longest is OK ... can be shortened) axis is connected, we can not put the metal, because the button is not isolated for HF, the setting changes when one puts his hand above, H . I.
see you soon
j p F6DDV
----- Original Message -----
From: Ray Smith
To: pfr3_group@yahoogroups.com
Sent: Wednesday, December 14, 2011 12:33 AM
Subject: Re: [pfr3_group]

I used a yellow cap:) I also had some metal gromets for passing a wire through a punched hole they fit perfect and i even matched the color wrks great. I also went to the bone yard and fabricated a window to cover (protect) the red film on the display luks top shelf will post pic.
Ray KC0WMN

3386. Re: [pfr3_group]

Yahoo group: pfr3_group
Date: 2011-12-14 15:49:31 UTC
From: Ray Smith
Topic: 3386 Message: 3386
Attachments: 1 described; binary payloads are missing from this source WARC

Hope this gives idea
73 Ray

3387. Re: [pfr3_group]

Yahoo group: pfr3_group
Date: 2011-12-14 15:53:27 UTC
From: f6ddv
Topic: 3387 Message: 3387

Hello Dale
well I'm very surprised, I did not know this, because the smallest without a long stem is pushed right above normal.
So those are not the same products? ... Well I noticed it because I thought the same and to use this component as a miniature key
by moving the rod down on a small key to test ...
(It will not last long ... maybe not)
I just learned something I did not know, I probably misread the instructions ...
see you soon
jp F6DDV
----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Wednesday, December 14, 2011 1:01 AM
Subject: RE: [pfr3_group]

The TACT switches the PFR3 uses are designed to be activated by sideways force, not so much of the straight up and down. Straight up and down forces will cause a premature switch failure. Yes, they activate that way, yet they are not designed for longevity in that use.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: f6ddv@wanadoo.fr
Date: Wed, 14 Dec 2011 00:22:39 +0100
Subject: Re: [pfr3_group]

Um, yes ...
absolutely necessary for the DX!
Seriously, I do not know what to put at the end of the push rods to prevent them to go from left to right, because it is not very good ...
not so easy to find ...
see you soon
jp F6DDV
----- Original Message -----
From: Steve Smith
To: pfr3_group@yahoogroups.com
Sent: Tuesday, December 13, 2011 9:55 PM
Subject: Re: [pfr3_group]

JP,

Definitely better DX with the red caps. :-) At least it feels better to me. :-P

73.......Steve Smith WB6TNL

3388. Re: [pfr3_group] [1 Attachment]

Yahoo group: pfr3_group
Date: 2011-12-14 16:52:31 UTC
From: f6ddv
Topic: 3388 Message: 3388

Ok Ray
Oh, sure he has another head as
73S
jp F6DDV

From: Ray Smith
To: pfr3_group@yahoogroups.com
Sent: Wednesday, December 14, 2011 4:49 PM
Subject: Re: [pfr3_group] [1 Attachment]

Hope this gives idea
73 Ray

Attachment(s) from Ray Smith

1 of 1 Photo(s)

photo.JPG

3389. New member - YS1RS Greetings from El Salvador

Yahoo group: pfr3_group
Date: 2011-12-15 15:21:23 UTC
From: Roberto
Topic: 3389 Message: 3389

Hola
I am new in the group.
Consider my self as a new Ham (for almost two years now) so still pretty green. Have been active in phone and digital. Learning CW and have a basic equipment setup that works and serves me well.

Just received my Hendricks PFR-3A, have finished assembling it and I am in the process of testing it.
Knew in advance, from Doug Hendricks, about the existence of this group.

All testing in the different sections is OK except for final testing: Got low power output, around 1 watt in 40 meters.
Found I had one extra turn in all my coils. Fixed that but still is too low: 2.4 watts at 12 Volts in 40 meters. All coil ends were properly stained before mounting and checked them with the multimeter to make sure good contact was made after soldering.

The amount of info found in this group is impressive and hope to find an answer for my problem.

Have always been interested in QRP and love to build kits.
Every day is a leaning experience in Ham radio.
Have a couple of kit videos in my YouTube channel. Spanish accent included:
http://www.youtube.com/watch?v=96ZRY0LiTg4

Thanks for opening the door for me.

73 de Rob
YS1RS
SKCC #8404.

3390. required/recommended tools to build/tune

Yahoo group: pfr3_group
Date: 2011-12-15 16:16:45 UTC
From: Yasutaka Hirasawa
Topic: 3390 Message: 3390

Hi all,

I am wondering what tools are required/recommended to build prf-3. I have good solider iron and other basic tools. Wondering if we need to have watts meter, marker/signal generator or any other tools for build/tune the radio?

3391. Re: [pfr3_group] New member - YS1RS Greetings from El Salvador

Yahoo group: pfr3_group
Date: 2011-12-15 17:51:16 UTC
From: f6ddv
Topic: 3389 Message: 3391

Good evening Roberto
I think you're on the right road
the problem is almost always in the ferrite cores of low pass filters
position and distribution of turns is very important, it is not identical for all assemblies, the cores may have different characteristics.
if you are certain that the number of turns is correct, it can take the turns tighten them and bring up the torus and well look at the power meter output
and especially on a dummy load with 1 / 1 no return
It is not unusual to remove or add a turn if the result is good. 4,5 W or max. 5 W is good
Good luck, and congratulations of having arrived at the end of assembly.
My editing is here, if you look closely, sometimes it can help a bit
http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list
73S
jean paul F6DDV
----- Original Message -----
From: Roberto
To: pfr3_group@yahoogroups.com
Sent: Thursday, December 15, 2011 4:21 PM
Subject: [pfr3_group] New member - YS1RS Greetings from El Salvador

Hola
I am new in the group.
Consider my self as a new Ham (for almost two years now) so still pretty green. Have been active in phone and digital. Learning CW and have a basic equipment setup that works and serves me well.

Just received my Hendricks PFR-3A, have finished assembling it and I am in the process of testing it.
Knew in advance, from Doug Hendricks, about the existence of this group.

All testing in the different sections is OK except for final testing: Got low power output, around 1 watt in 40 meters.
Found I had one extra turn in all my coils. Fixed that but still is too low: 2.4 watts at 12 Volts in 40 meters. All coil ends were properly stained before mounting and checked them with the multimeter to make sure good contact was made after soldering.

The amount of info found in this group is impressive and hope to find an answer for my problem.

Have always been interested in QRP and love to build kits.
Every day is a leaning experience in Ham radio.
Have a couple of kit videos in my YouTube channel. Spanish accent included:
http://www.youtube.com/watch?v=96ZRY0LiTg4

Thanks for opening the door for me.

73 de Rob
YS1RS
SKCC #8404.

3392. RE: [pfr3_group] New member - YS1RS Greetings from El Salvador

Yahoo group: pfr3_group
Date: 2011-12-15 18:29:12 UTC
From: N. A. Monllor
Topic: 3389 Message: 3392

Hola Roberto,

Ahora lo he visto todo!!!

I watched the video and was super impressed. What impressed me most of all is that my young son and I make these small steam engines and neither of us have thought of powering our rigs with them. Very, very clever. Well, now we have a new project!!!

Welcome aboard, you are amongst the finest bunch of hams here.

Best of luck and catch you on the airwaves,

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Roberto
Sent: Thursday, December 15, 2011 10:21 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] New member - YS1RS Greetings from El Salvador

Hola
I am new in the group.
Consider my self as a new Ham (for almost two years now) so still pretty green. Have been active in phone and digital. Learning CW and have a basic equipment setup that works and serves me well.

Just received my Hendricks PFR-3A, have finished assembling it and I am in the process of testing it.
Knew in advance, from Doug Hendricks, about the existence of this group.

All testing in the different sections is OK except for final testing: Got low power output, around 1 watt in 40 meters.
Found I had one extra turn in all my coils. Fixed that but still is too low: 2.4 watts at 12 Volts in 40 meters. All coil ends were properly stained before mounting and checked them with the multimeter to make sure good contact was made after soldering.

The amount of info found in this group is impressive and hope to find an answer for my problem.

Have always been interested in QRP and love to build kits.
Every day is a leaning experience in Ham radio.
Have a couple of kit videos in my YouTube channel. Spanish accent included:
http://www.youtube.com/watch?v=96ZRY0LiTg4

Thanks for opening the door for me.

73 de Rob
YS1RS
SKCC #8404.

3393. Re: [pfr3_group] New member - YS1RS Greetings from El Salvador

Yahoo group: pfr3_group
Date: 2011-12-15 19:00:48 UTC
From: beargyrils@aol.com
Topic: 3389 Message: 3393

After watching that vidio of the steam engine,
I searched the web for one I had when I was a kid not to long a go.
Lots of models and heres a nice video

http://www.ministeam.com/acatalog/Wilesco-Videos.html
(http://www.ministeam.com/acatalog/Wilesco-Videos.html)

BOB
AF2Q

In a message dated 12/15/2011 10:29:29 A.M. Pacific Standard Time,
nmonllor@... writes:

Ahora lo he visto todo!!!
I watched the video and was super impressed. What impressed me most of all is that my young son and I make these small steam engines and neither of us have thought of powering our rigs with them. Very, very clever. Well, now we have a new project!!!
Welcome aboard, you are amongst the finest bunch of hams here.

Best of luck and catch you on the airwaves,
Ren
KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Roberto
Sent: Thursday, December 15, 2011 10:21 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] New member - YS1RS Greetings from El Salvador

Hola
I am new in the group.
Consider my self as a new Ham (for almost two years now) so still pretty green. Have been active in phone and digital. Learning CW and have a basic equipment setup that works and serves me well.

Just received my Hendricks PFR-3A, have finished assembling it and I am in the process of testing it.
Knew in advance, from Doug Hendricks, about the existence of this group.

All testing in the different sections is OK except for final testing: Got low power output, around 1 watt in 40 meters.
Found I had one extra turn in all my coils. Fixed that but still is too low: 2.4 watts at 12 Volts in 40 meters. All coil ends were properly stained before mounting and checked them with the multimeter to make sure good contact was made after soldering.

The amount of info found in this group is impressive and hope to find an answer for my problem.

Have always been interested in QRP and love to build kits.
Every day is a leaning experience in Ham radio.
Have a couple of kit videos in my YouTube channel. Spanish accent included:
http://www.youtube.com/watch?v=96ZRY0LiTg4
(http://www.youtube.com/watch?v=96ZRY0LiTg4)

Thanks for opening the door for me.

3394. Re: [pfr3_group] New member - YS1RS Greetings from El Salvador

Yahoo group: pfr3_group
Date: 2011-12-16 01:28:48 UTC
From: L L bahr
Topic: 3389 Message: 3394

Hello Bob, Missed you. Where have you been? Haven't seen you post lately. Lee, w0vt ----- Original Message ----- From: beargyrils@... To: "pfr3 group" Cc: cw-qrp-homebrewers@yahoogroups.com Sent: Thursday, December 15, 2011 1:00:48 PM Subject: Re: [pfr3_group] New member - YS1RS Greetings from El Salvador After watching that vidio of the steam engine, I searched the web for one I had when I was a kid not to long a go. Lots of models and heres a nice video http://www.ministeam.com/acatalog/Wilesco-Videos.html BOB AF2Q In a message dated 12/15/2011 10:29:29 A.M. Pacific Standard Time, nmonllor@... writes: Ahora lo he visto todo!!! I watched the video and was super impressed. What impressed me most of all is that my young son and I make these small steam engines and neither of us have thought of powering our rigs with them. Very, very clever. Well, now we have a new project!!! Welcome aboard, you are amongst the finest bunch of hams here. Best of luck and catch you on the airwaves, Ren KG4BAS From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Roberto Sent: Thursday, December 15, 2011 10:21 AM To: pfr3_group@yahoogroups.com Subject: [pfr3_group] New member - YS1RS Greetings from El Salvador Hola I am new in the group. Consider my self as a new Ham (for almost two years now) so still pretty green. Have been active in phone and digital. Learning CW and have a basic equipment setup that works and serves me well. Just received my Hendricks PFR-3A, have finished assembling it and I am in the process of testing it. Knew in advance, from Doug Hendricks, about the existence of this group. All testing in the different sections is OK except for final testing: Got low power output, around 1 watt in 40 meters. Found I had one extra turn in all my coils. Fixed that but still is too low: 2.4 watts at 12 Volts in 40 meters. All coil ends were properly stained before mounting and checked them with the multimeter to make sure good contact was made after soldering. The amount of info found in this group is impressive and hope to find an answer for my problem. Have always been interested in QRP and love to build kits. Every day is a leaning experience in Ham radio. Have a couple of kit videos in my YouTube channel. Spanish accent included: http://www.youtube.com/watch?v=96ZRY0LiTg4 Thanks for opening the door for me. Best of luck and catch you on the airwaves, Ren KG4BAS From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Roberto Sent: Thursday, December 15, 2011 10:21 AM To: pfr3_group@yahoogroups.com Subject: [pfr3_group] New member - YS1RS Greetings from El Salvador Hola I am new in the group. Consider my self as a new Ham (for almost two years now) so still pretty green. Have been active in phone and digital. Learning CW and have a basic equipment setup that works and serves me well. Just received my Hendricks PFR-3A, have finished assembling it and I am in the process of testing it. Knew in advance, from Doug Hendricks, about the existence of this group. All testing in the different sections is OK except for final testing: Got low power output, around 1 watt in 40 meters. Found I had one extra turn in all my coils. Fixed that but still is too low: 2.4 watts at 12 Volts in 40 meters. All coil ends were properly stained before mounting and checked them with the multimeter to make sure good contact was made after soldering. The amount of info found in this group is impressive and hope to find an answer for my problem. Have always been interested in QRP and love to build kits. Every day is a leaning experience in Ham radio. Have a couple of kit videos in my YouTube channel. Spanish accent included: http://www.youtube.com/watch?v=96ZRY0LiTg4 Thanks for opening the door for me. After watching that vidio of the steam engine, I searched the web for one I had when I was a kid not to long a go. Lots of models and heres a nice video

http://www.ministeam.com/acatalog/Wilesco-Videos.html BOB AF2Q In a message dated 12/15/2011 10:29:29 A.M. Pacific Standard Time, nmonllor@... writes:
Ahora lo he visto todo!!! I watched the video and was super impressed. What impressed me most of all is that my young son and I make these small steam engines and neither of us have thought of powering our rigs with them. Very, very clever. Well, now we have a new project!!! Welcome aboard, you are amongst the finest bunch of hams here. Best of luck and catch you on the airwaves, Ren KG4BAS From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Roberto Sent: Thursday, December 15, 2011 10:21 AM To: pfr3_group@yahoogroups.com Subject: [pfr3_group] New member - YS1RS Greetings from El Salvador Hola I am new in the group. Consider my self as a new Ham (for almost two years now) so still pretty green. Have been active in phone and digital. Learning CW and have a basic equipment setup that works and serves me well. Just received my Hendricks PFR-3A, have finished assembling it and I am in the process of testing it. Knew in advance, from Doug Hendricks, about the existence of this group. All testing in the different sections is OK except for final testing: Got low power output, around 1 watt in 40 meters. Found I had one extra turn in all my coils. Fixed that but still is too low: 2.4 watts at 12 Volts in 40 meters. All coil ends were properly stained before mounting and checked them with the multimeter to make sure good contact was made after soldering. The amount of info found in this group is impressive and hope to find an answer for my problem. Have always been interested in QRP and love to build kits. Every day is a leaning experience in Ham radio. Have a couple of kit videos in my YouTube channel. Spanish accent included: http://www.youtube.com/watch?v=96ZRY0LiTg4 Thanks for opening the door for me. Best of luck and catch you on the airwaves, Ren KG4BAS From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Roberto Sent: Thursday, December 15, 2011 10:21 AM To: pfr3_group@yahoogroups.com Subject: [pfr3_group] New member - YS1RS Greetings from El Salvador Hola I am new in the group. Consider my self as a new Ham (for almost two years now) so still pretty green. Have been active in phone and digital. Learning CW and have a basic equipment setup that works and serves me well. Just received my Hendricks PFR-3A, have finished assembling it and I am in the process of testing it. Knew in advance, from Doug Hendricks, about the existence of this group. All testing in the different sections is OK except for final testing: Got low power output, around 1 watt in 40 meters. Found I had one extra turn in all my coils. Fixed that but still is too low: 2.4 watts at 12 Volts in 40 meters. All coil ends were properly stained before mounting and checked them with the multimeter to make sure good contact was made after soldering. The amount of info found in this group is impressive and hope to find an answer for my problem. Have always been interested in QRP and love to build kits. Every day is a leaning experience in Ham radio. Have a couple of kit videos in my YouTube channel. Spanish accent included: http://www.youtube.com/watch?v=96ZRY0LiTg4 Thanks for opening the door for me.

3395. Re: [pfr3_group] New member - YS1RS Greetings from El Salvador

Yahoo group: pfr3_group
Date: 2011-12-16 05:05:42 UTC
From: Roberto Salazar
Topic: 3389 Message: 3395

Jean (F6DDV), thank you for the pictures. I have gone through them in detail.

Those pics are so useful because I had a couple of doubts on how to properly assembly the PFR in the case at final stage. Your pictures clarified this. Thanks Jean.

Ren (KG4BAS) and Bob (AF2Q) yeap! Miniature Toys Steam Engines is my other passion.

I have more simple-low tech videos about them and a couple HAM Radio kit building ones too (like the TenTec 1254 Receiver and the Ed Cholakian's upgrade kit for the same too), in my YouTube channel. Look for Robertosala1 Youtube channel. I can grow old (46) and never mature :)

Some of those steam engines are very expensive but I have bought them in very very poor shape from eBay and restored them to their original glory. That is the only way I have been able to afford them. :-|

Regarding the problem with the output power of my PFR-3A... The test voltages in the U8-IC are correct (both un-keyed and also keyed according to the installation manual's pretests section).
The coils... Also checked mine with the ones that were clearly visible on Jean's pictures and are OK. The number of turns is correct. As mentioned in the introductory email, found I had one extra turn but fixed that last night.
I have spread all turns evenly around the coils. This time will do the opposite... will tight
them up and see what happens.

Will continue to look for assembly errors from Group 4 and up too.
Thanks for your comments and the welcome guys.

Rob.
YS1RS
SKCC 8404

From: f6ddv <f6ddv@...>
To: pfr3_group@yahoogroups.com
Sent: Thursday, December 15, 2011 11:51 AM
Subject: Re: [pfr3_group] New member - YS1RS Greetings from El Salvador

Good evening Roberto
I
think you're on the
right road
the problem is almost always in the ferrite cores of low pass filters
position and distribution of turns is very important, it is not identical for all assemblies, the cores may have different characteristics.
if you are certain that the number of turns is correct, it can take the turns tighten them

and bring up the torus and well look at the power meter output
and especially on a dummy load with 1 / 1 no return
It is not unusual to remove or add a turn if the result is good. 4,5 W or max. 5 W is good
Good luck, and congratulations of having arrived at the end of assembly.
My editing is here, if you look closely, sometimes it can help a bit
http://groups.yahoo.com/group/pfr3_group/photos/album/1645504843/pic/list
73S
jean paul F6DDV
----- Original Message -----
>From: Roberto
>To: pfr3_group@yahoogroups.com
>Sent: Thursday, December 15, 2011 4:21 PM
>Subject: [pfr3_group] New member - YS1RS Greetings from El Salvador
>
>
>Hola
>I am new in the group.
>Consider my self as a new Ham (for
almost two years now) so still pretty green. Have been active in phone and
digital. Learning CW and have a basic equipment setup that works and serves me
well.
>
>Just received my Hendricks PFR-3A, have finished assembling it
and I am in the process of testing it.
>Knew in advance, from Doug
Hendricks, about the existence of this group.
>
>All testing in the
different sections is OK except for final testing: Got low power output,
around 1 watt in 40 meters.
>Found I had one extra turn in all my coils.
Fixed that but still is too low: 2.4 watts at 12 Volts in 40 meters. All coil
ends were properly stained before mounting and checked them with the
multimeter to make sure good contact was made after soldering.
>
>The
amount of info found in this group is impressive and hope to find an answer
for my problem.
>
>Have always been interested in QRP and love to build
kits.
>Every day is a leaning experience in Ham radio.
>Have a couple of
kit videos in my YouTube channel. Spanish accent included:
>http://www.youtube.com/watch?v=96ZRY0LiTg4
>
>Thanks
for opening the door for me.
>
>73 de Rob
>YS1RS

>SKCC
#8404.
>
>

3396. Re: [pfr3_group] required/recommended tools to build/tune

Yahoo group: pfr3_group
Date: 2011-12-16 11:03:12 UTC
From: f6ddv
Topic: 3390 Message: 3396

Hello Yasutaka
No doubt that some friends will not agree, but I think a dummy load and a power meter are sufficient, and adjusting the oscillator frequency
and other settings can wait or be a receiver, which is rule on an issue of WWV or other frequency 10 MHz it is quite accurate as it comes,
we can wait a bit, it's not very annoying at first.
Have fun and take your time with this arrangement.
73s
jean paul F6DDV
----- Original Message -----
From: Yasutaka Hirasawa
To: pfr3_group@yahoogroups.com
Sent: Thursday, December 15, 2011 5:16 PM
Subject: [pfr3_group] required/recommended tools to build/tune

Hi all,

I am wondering what tools are required/recommended to build prf-3. I have good solider iron and other basic tools. Wondering if we need to have watts meter, marker/signal generator or any other tools for build/tune the radio?

3397. Re: [pfr3_group] New member - YS1RS Greetings from El Salvador

Yahoo group: pfr3_group
Date: 2011-12-16 12:55:56 UTC
From: beargyrils@aol.com
Topic: 3389 Message: 3397

Hi Lee,
I just read,not much to offer and I picked up a bigger motorcycle and also going to the nursing home to feed my mother because she is blind and I don't care for the way people get treated there
Are you still on my list?
BOB
AF2Q

In a message dated 12/15/2011 5:28:54 P.M. Pacific Standard Time, pulsarxp@... writes:

Hello Bob,
Missed you. Where have you been? Haven't seen you post lately.
Lee, w0vt

3398. Re: [pfr3_group] New member - YS1RS Greetings from El Salvador

Yahoo group: pfr3_group
Date: 2011-12-16 15:24:06 UTC
From: f6ddv
Topic: 3389 Message: 3398

Hello again Roberto
I am pleased to have been useful, and I know that I also tried a few photos hanging assembly of the kit,
so I thought it was useful to take pictures, too, there are always small things that do not qualify as a kit,
because nobody built the same way, the kit is very well done by Hendricks, and a lot of ham radio
are very happy with this little yellow box.
Small steam is also quite extra ordinary H. I.
It's almost "magical" ...

But tell me, Roberto, your QTH locator, it is not
EKCC instead of SKCC?
So long and 73S
jean paul F6DDV

----- Original Message -----
From: Roberto Salazar
To: pfr3_group@yahoogroups.com
Sent: Friday, December 16, 2011 6:05 AM
Subject: Re: [pfr3_group] New member - YS1RS Greetings from El Salvador

Jean (F6DDV), thank you for the pictures. I have gone through them in detail.

Those pics are so useful because I had a couple of doubts on how to properly assembly the PFR in the case at final stage. Your pictures clarified this. Thanks Jean.

Ren (KG4BAS) and Bob (AF2Q) yeap! Miniature Toys Steam Engines is my other passion.

I have more simple-low tech videos about them and a couple HAM Radio kit building ones too (like the TenTec 1254 Receiver and the Ed Cholakian's upgrade kit for the same too), in my YouTube channel. Look for Robertosala1 Youtube channel. I can grow old (46) and never mature :)

Some of those steam engines are very expensive but I have bought them in very very poor shape from eBay and restored them to their original glory. That is the only way I have been able to afford them. :-|

Regarding the problem with the output power of my PFR-3A... The test voltages in the U8-IC are correct (both un-keyed and also keyed according to the installation manual's pretests section).
The coils... Also checked mine with the ones that were clearly visible on Jean's pictures and are OK. The number of turns is correct. As mentioned in the introductory email, found I had one extra turn but fixed that last night.
I have spread all turns evenly around the coils. This time will do the opposite... will tight them up and see what happens.

Will continue to look for assembly errors from Group 4 and up too.
Thanks for your comments and the welcome guys.

Rob.
YS1RS
SKCC 8404

3399. Re: [pfr3_group] New member - YS1RS Greetings from El Salvador

Yahoo group: pfr3_group
Date: 2011-12-16 16:42:13 UTC
From: Roberto Salazar
Topic: 3389 Message: 3399

Hi Jean.
My square is EK53, ITU 11, CQ Zone 7.

SKCC 8404 is my ID con el Straight Key Century Club (I have it as default in my CMOS to write it down ;)).

Just an update of my PFR-3A assembly. Last night I tried by not spreading the coils but tighten them up but output power decreased instead of increasing (this was expected as mentioned in the manual)... so looks like my problem is somewhere else.

Will have more time during the weekend to find the cause of so low RF output.

Un abrazo from San Salvador.

Rob.
YS1RS

From: f6ddv <f6ddv@...>
To: pfr3_group@yahoogroups.com
Sent: Friday, December 16, 2011 9:24 AM
Subject: Re: [pfr3_group] New member - YS1RS Greetings from El Salvador

☐
Hello
again Roberto
I am pleased to have been useful, and I know that I also tried a few photos hanging assembly of the kit,
so I thought it was useful to take pictures, too, there are always small things that do not qualify as a kit,
because nobody built the same way, the kit is very well done by Hendricks, and a lot of ham radio
are very happy with this little yellow box.
Small steam is also quite extra ordinary H. I.
It's almost "magical" ...

But tell me, Roberto, your QTH locator, it is not
EKCC instead of SKCC?
So long and 73S
jean paul F6DDV
----- Original Message -----
>From: Roberto Salazar
>To: pfr3_group@yahoogroups.com
>Sent: Friday, December 16, 2011 6:05 AM
>Subject: Re: [pfr3_group] New member - YS1RS Greetings from El Salvador
>Jean (F6DDV), thank you for the pictures. I have gone through them in detail.
>
>Those pics are so useful because I had a couple of doubts on how to properly assembly the PFR in the case at final stage. Your pictures clarified this. Thanks Jean.
>

>Ren (KG4BAS) and Bob (AF2Q) yeap! Miniature Toys Steam Engines is my other passion.
>
>I have more simple-low tech videos about them and a couple HAM Radio kit building ones too (like the TenTec 1254 Receiver and the Ed Cholakian's upgrade kit for the same too), in my YouTube channel. Look for Robertosala1 Youtube channel. I can grow old (46) and never mature :)
>
>Some of those steam engines are very expensive but I have bought them in very very poor shape from eBay and restored them to their original glory. That is the only way I have been able to afford them. :-|
>
>
>Regarding the problem with the output power of my PFR-3A... The test voltages in the U8-IC are correct (both un-keyed and also keyed according to the installation manual's pretests section).
>The coils... Also checked mine with the ones that were clearly visible on Jean's pictures and are OK. The number of turns is correct. As mentioned in the introductory email, found I had one extra turn but fixed that last night.
>I have spread all turns evenly around the coils. This time will do the opposite... will tight them up and see what happens.
>
>
>
>Will continue to look for assembly errors from Group 4 and up too.
>Thanks for your comments and the welcome guys.
>
>
>Rob.
>YS1RS
>SKCC 8404
>
>
>

3400. Re: [pfr3_group] required/recommended tools to build/tune

Yahoo group: pfr3_group
Date: 2011-12-16 20:56:36 UTC
From: Steve Smith
Topic: 3390 Message: 3400

Hello Yasutaka,

I would say that, other than basic tools and a soldering iron, all is required is a DMM of which the accuracy can be trusted, a 50 Ohm 5 Watt (or more) terminator and a properly calibrated RF probe.

A sig. gen., Watt meter and frequency counter would be also be quite useful but not necessary.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Yasutaka Hirasawa" <dankeboo@...>

Wondering if we need to have watts meter, marker/signal generator or any other tools for build/tune the radio?

3401. Got my Kit!

Yahoo group: pfr3_group
Date: 2011-12-17 08:17:15 UTC
From: Andreas
Topic: 3401 Message: 3401

Hi group,

I got my kit after 10 days of ordering it. Paid about 47 EUR for customs and tax.

Yesterday I checked the components and all are present. Some have even an additional part...

So after the Christmas stress the work can beginn in 2012..
Merry Christmas and a Happy new year to all "Groupies"

from Andy, DL1AKP / AB7VT

3402. Re: Got my Kit!

Yahoo group: pfr3_group
Date: 2011-12-17 09:56:23 UTC
From: edingraham
Topic: 3401 Message: 3402

Merry Christmas and Happy Soldering in the New Year!
73, Ed WX4S

--- In pfr3_group@yahoogroups.com, "Andreas" <dl1akp@...> wrote:
>
> Hi group,
>
> I got my kit after 10 days of ordering it. Paid about 47 EUR for customs and tax.
>
> Yesterday I checked the components and all are present. Some have even an additional part...
>
> So after the Christmas stress the work can beginn in 2012..
> Merry Christmas and a Happy new year to all "Groupies"
>
> from Andy, DL1AKP / AB7VT
>

3403. Re: [pfr3_group] New member - YS1RS Greetings from El Salvador

Yahoo group: pfr3_group
Date: 2011-12-17 11:16:34 UTC
From: f6ddv
Topic: 3389 Message: 3403

OK Rob.
I hope I can contact you one day, I heard regularly ham radio > CO HI TI TG YV PY LU CE CX there is not very long, to night,
and the states of USA NJ SC and CT 21 14 28 MHz there is no long BPSK and CW.
I do not remember to have contacted YS station ...
Now it's more rare, the sun is a little angry ... H. I.
but i can try again ... The chance does exist ... H. I.
73s
was soon
jean paul F6DDV

----- Original Message -----
From: Roberto Salazar
To: pfr3_group@yahoogroups.com
Sent: Friday, December 16, 2011 5:42 PM
Subject: Re: [pfr3_group] New member - YS1RS Greetings from El Salvador

Hi Jean.
My square is EK53, ITU 11, CQ Zone 7.

SKCC 8404 is my ID con el Straight Key Century Club (I have it as default in my CMOS to write it down ;)).

Just an update of my PFR-3A assembly. Last night I tried by not spreading the coils but tighten them up but output power decreased instead of increasing (this was expected as mentioned in the manual)... so looks like my problem is somewhere else.

Will have more time during the weekend to find the cause of so low RF output.

Un abrazo from San Salvador.

Rob.
YS1RS

3404. PFR-3A finally working at the YS1RS assembly table.

Yahoo group: pfr3_group
Date: 2011-12-18 03:39:21 UTC
From: Roberto
Topic: 3404 Message: 3404

Finally is working.
After reviewing and revising every thing step by step, power output continued to be very low. Around 2 Watts.
Decided to try with my big power supply, the one I use for my main rig, and old and trusty Kenwood TS-690S and the PFR now works fine. At 13.8 volts, its output power is a little more than 5 watts.
Will add a couple of diodes as mentioned in the manual to reduce power to 5 Watts. :)

Before, I was testing with my small power supply, the one I use for my TenTec 1254 receiver. It is supposed to be 1.5 Amps. At 12V when transmitting with the PFR-3A, the voltage dropped to 9 volts!

Just finished putting all decals and drying now.
Steps ahead, two light coats of clear lacquer, final assembly in the case. Will add a fuse for protection.

Any suggestions for additional mods? before I finish... will be greatly appreciated.

Thanks to all who helped.

Rob.
YS1RS

3405. Re: [pfr3_group] PFR-3A finally working at the YS1RS assembly table.

Yahoo group: pfr3_group
Date: 2011-12-18 11:20:21 UTC
From: f6ddv
Topic: 3404 Message: 3405

Hello Roberto
Well that's a fun adventure! Finally the pfr3 walk normally ... H. I.
no one could guess this "failure" extra ordinary ...
see you soon
jp F6DDV
----- Original Message -----
From: Roberto
To: pfr3_group@yahoogroups.com
Sent: Sunday, December 18, 2011 4:39 AM
Subject: [pfr3_group] PFR-3A finally working at the YS1RS assembly table.

Finally is working.
After reviewing and revising every thing step by step, power output continued to be very low. Around 2 Watts.
Decided to try with my big power supply, the one I use for my main rig, and old and trusty Kenwood TS-690S and the PFR now works fine. At 13.8 volts, its output power is a little more than 5 watts.
Will add a couple of diodes as mentioned in the manual to reduce power to 5 Watts. :)

Before, I was testing with my small power supply, the one I use for my TenTec 1254 receiver. It is supposed to be 1.5 Amps. At 12V when transmitting with the PFR-3A, the voltage dropped to 9 volts!

Just finished putting all decals and drying now.
Steps ahead, two light coats of clear lacquer, final assembly in the case. Will add a fuse for protection.

Any suggestions for additional mods? before I finish... will be greatly appreciated.

Thanks to all who helped.

Rob.
YS1RS

3406. Re: Got my Kit!

Yahoo group: pfr3_group
Date: 2011-12-19 06:55:02 UTC
From: Jon
Topic: 3401 Message: 3406

Hi Andy,

My kit arrived a few weeks ago into Czech Republic. Lots of bureaucracy to get it out of customs,and like you, VAT duty was payable.

I will also be starting my build after the Christmas festivities. Maybe we can compare notes as we proceed?

How cool would it be to build up the kits and make first QSOs with them yellow to yellow?

Have a good Christmas, and hope to get on air at the same time as you in 2012

72 de

Jon
OK8GB (Prague, Czech Republic)
2E0JPJ (East Coast, United Kingdom)

--- In pfr3_group@yahoogroups.com, "edingraham" <edingraham@...> wrote:
>
> Merry Christmas and Happy Soldering in the New Year!
> 73, Ed WX4S
>
> --- In pfr3_group@yahoogroups.com, "Andreas" <dl1akp@> wrote:
> >
> > Hi group,
> >
> > I got my kit after 10 days of ordering it. Paid about 47 EUR for customs and tax.
> >
> > Yesterday I checked the components and all are present. Some have even an additional part...
> >
> > So after the Christmas stress the work can beginn in 2012..
> > Merry Christmas and a Happy new year to all "Groupies"
> >
> > from Andy, DL1AKP / AB7VT
> >
>

3407. BLT Question

Yahoo group: pfr3_group
Date: 2011-12-19 23:50:15 UTC
From: k6mgo@verizon.net
Topic: 3407 Message: 3407

I have a 50 foot dublet center fed with a very short piece of 300 ohm twin lead, less than 4 feet. The antenna is indoors.

I can get a good tune on 40 and 30 meters, but, on 20 meters, both the Tune and Load caps are just about max clockwise, and the LED just starts to dim, like it wants to go more clockwise.

Can anyone tell me if that is at max or min capacity for these capacitors, and I've tried to tune the trimmers on the back of the Tune control from full mesh to half mess, yet it doesn't seem to make any difference.

Anyone have any suggestions?

3408. Re: [pfr3_group] BLT Question

Yahoo group: pfr3_group
Date: 2011-12-20 01:45:17 UTC
From: Bill Adams
Topic: 3407 Message: 3408

Try adding a short extension to the twin lead. That will transform the impedance presented to your PFR-3 and you'll have to start over tuning all bands, but at some point(s)all 3 bands will be within range of the BLT. Let us know the results, as I too find the match point at the extreme end of rotation for one or both capacitors.

Bill AF4B
Bill AF4B
Long : -97.10209 W (-97° 6' 8'' W)
Lat : 32.59437 N (32° 35' 40'' N)
Maidenhead grid : EM12ko
USNG : 14S PB 78160 07850
MAPSCO map grid : 125a Tarrant Co., TX.

_____
From: "k6mgo@..." <k6mgo@verizon.net>
To: pfr3_group@yahoogroups.com
Sent: Monday, December 19, 2011 5:50 PM
Subject: [pfr3_group] BLT Question

I have a 50 foot dublet center fed with a very short piece of 300 ohm twin lead, less than 4 feet. The antenna is indoors.

I can get a good tune on 40 and 30 meters, but, on 20 meters, both the Tune and Load caps are just about max clockwise, and the LED just starts to dim, like it wants to go more clockwise.

Can anyone tell me if that is at max or min capacity for these capacitors, and I've tried to tune the trimmers on the back of the Tune control from full mesh to half mess, yet it doesn't seem to make any difference.

Anyone have any suggestions?

3409. Re: [pfr3_group] Re: Got my Kit!

Yahoo group: pfr3_group
Date: 2011-12-20 02:15:46 UTC
From: Roberto Salazar
Topic: 3401 Message: 3409

Andy

I just finished mine today.
It is all closed, and is giving good output.
I am using a small UPS 12v/7Amps Battery and also the internal AA batteries (which, even though they are alkaline new, produce lower output).

I am trying to test it by having a QSO but in my country and Central America, we do not have many CW active hams.

Easier in EU and north America where you have a lot of active CW hams that can easily pick your QRP signal.

Will post the pics soon.

Merry Christmas to you all and hear you soon.

Rob.
YS1RS

From: Jon <jon.powell.uk@hotmail.co.uk>
To: pfr3_group@yahoogroups.com
Sent: Monday, December 19, 2011 12:55 AM
Subject: [pfr3_group] Re: Got my Kit!

Hi Andy,

My kit arrived a few weeks ago into Czech Republic. Lots of bureaucracy to get it out of customs,and like you, VAT duty was payable.

I will also be starting my build after the Christmas festivities. Maybe we can compare notes as we proceed?

How cool would it be to build up the kits and make first QSOs with them yellow to yellow?

Have a good Christmas, and hope to get on air at the same time as you in 2012

72 de

Jon
OK8GB (Prague, Czech Republic)
2E0JPJ (East Coast, United Kingdom)

--- In pfr3_group@yahoogroups.com, "edingraham" <edingraham@...> wrote:
>
> Merry Christmas and Happy Soldering in the New Year!
> 73, Ed WX4S
>

> --- In pfr3_group@yahoogroups.com, "Andreas" <dl1akp@> wrote:
> >
> > Hi group,
> >
> > I got my kit after 10 days of ordering it. Paid about 47 EUR for customs and tax.
> >
> > Yesterday I checked the components and all are present. Some have even an additional part...
> >
> > So after the Christmas stress the work can beginn in 2012..
> > Merry Christmas and a Happy new year to all "Groupies"
> >
> > from Andy, DL1AKP / AB7VT
> >
>

3410. Re: [pfr3_group] Re: YS1RS heard in North America!

Yahoo group: pfr3_group
Date: 2011-12-20 02:50:53 UTC
From: lahagar1@aol.com
Topic: 3401 Message: 3410

Rob,

You were heard in North America!

de
dx
freq
cq/dx
snr
speed
time

WA7LNW
YS1RS
7031.0
CQ
5 dB
15 wpm
0530z 19 Dec

de
dx
freq
cq/dx
snr
speed
time

WA7LNW
YS1RS
7031.0
CQ
5 dB
15 wpm
0530z 19 Dec

de
dx
freq
cq/dx
snr
speed
time

WA7LNW
YS1RS
7031.0

CQ
5 dB
15 wpm
0530z 19 Dec

WA7NLW skimmer received you calling CQ on 7031.0 kHz SNR 5db 15WPM 0530Z TODAY 19 DEC

ref:
http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=ys1rs&t=dx

If you haven't tried the reverse beacon, it will be a fun experience:
www.reversebeacon.net

One thing you can do, is search by call sign. And so if you enter your call sign you can see if the skimmers are hearing your signal in real time. Use the filter on this page, search by call sign and enter your call when you are calling CQ. Very cool / useful for propagation studies.
http://www.reversebeacon.net/main.php

By the way; when I lived in South Africa I made a W8JK wire array. It allowed many QSOs with USA. It is inexpensive and fairly easy to get high enough to have good pattern on 20m. Of course there are many other options for HF fixed directive antennas that are economical to construct and that should be another fun project! Please let me know if you want info on that antenna.

Regards,

Lynn
NG9D
www.YouTube.com/NG9D

-----Original Message-----
From: Roberto Salazar <ys1rs@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Dec 19, 2011 8:15 pm
Subject: Re: [pfr3_group] Re: Got my Kit!

Andy

I just finished mine today.
It is all closed, and is giving good output.
I am using a small UPS 12v/7Amps Battery and also the internal AA batteries (which, even though they are alkaline new, produce lower output).

I am trying to test it by having a QSO but in my country and Central America, we do not have many CW active hams.

Easier in EU and north America where you have a lot of active CW hams that can easily pick your QRP signal.

Will post the pics soon.

Merry Christmas to you all and hear you soon.

Rob.
YS1RS

From: Jon <jon.powell.uk@...>
To: pfr3_group@yahoogroups.com
Sent: Monday, December 19, 2011 12:55 AM
Subject: [pfr3_group] Re: Got my Kit!

Hi Andy,

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I will also be starting my build after the Christmas festivities. Maybe we can compare notes as we proceed?

How cool would it be to build up the kits and make first QSOs with them yellow to yellow?

Have a good Christmas, and hope to get on air at the same time as you in 2012

72 de

Jon
OK8GB (Prague, Czech Republic)
2E0JPJ (East Coast, United Kingdom)

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> Merry Christmas and Happy Soldering in the New Year!
> 73, Ed WX4S
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> --- In pfr3_group@yahoogroups.com, "Andreas" <dl1akp@> wrote:
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> > Hi group,
> >
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> > Merry Christmas and a Happy new year to all "Groupies"
> >
> > from Andy, DL1AKP / AB7VT
> >
>

3411. Re: [pfr3_group] Re: YS1RS heard in North America!

Yahoo group: pfr3_group
Date: 2011-12-20 03:09:35 UTC
From: Roberto Salazar
Topic: 3401 Message: 3411

Yes Lynn.

I was testing the PFR-3A last night.
Finally got 5 watts on 40 meters.
I have not tried the tuner though.
Still do not know if it works. Need to build an antenna to try.
My antennas are all well tuned :(

Any idea how can do a fast test and see if it is working?

I need to build a travel wire antenna. Something that could be rolled down from an hotel window...hihi.

Will do some further testing on the reverse beacon in a few minutes.

Rob.
YS1RS

From: "lahagar1@...m" <lahagar1@...>
To: pfr3_group@yahoogroups.com
Sent: Monday, December 19, 2011 8:50 PM
Subject: Re: [pfr3_group] Re: YS1RS heard in North America!

Rob,
You were heard in North America!

de dx freq cq/dx snr speed time
WA7LNW YS1RS 7031.0 CQ 5 dB 15 wpm 0530z 19 Dec
de dx freq cq/dx snr speed time
WA7LNW YS1RS 7031.0 CQ 5 dB 15 wpm 0530z 19 Dec
de dx freq cq/dx snr speed time
WA7LNW YS1RS 7031.0 CQ 5 dB 15 wpm 0530z 19 Dec
WA7NLW skimmer received you calling CQ on 7031.0 kHz SNR 5db 15WPM 0530Z TODAY 19 DEC

ref:
http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=ys1rs&t=dx

If you haven't tried the reverse beacon, it will be a fun experience:
www.reversebeacon.net

One thing you can do, is search by call sign. And so if you enter your call sign you can see if the skimmers are hearing your signal in real time. Use the filter on this page, search by call sign and enter your call when you are calling CQ. Very cool / useful for propagation studies.http://www.reversebeacon.net/main.php

By the way; when I lived in South Africa I made a W8JK wire array. It allowed many QSOs with USA. It is inexpensive and fairly easy to get high enough to have good pattern on

20m. Of course there are many other options for HF fixed directive antennas that are economical to construct and that should be another fun project! Please let me know if you want info on that antenna.

Regards,

Lynn
NG9D
www.YouTube.com/NG9D

-----Original Message-----
From: Roberto Salazar <ys1rs@yahoo.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Dec 19, 2011 8:15 pm
Subject: Re: [pfr3_group] Re: Got my Kit!

Andy

I just finished mine today.
It is all closed, and is giving good output.
I am using a small UPS 12v/7Amps Battery and also the internal AA batteries (which, even though they are alkaline new, produce lower output).

I am trying to test it by having a QSO but in my country and Central America, we do not have many CW active hams.

Easier in EU and north America where you have a lot of active CW hams that can easily pick your QRP signal.

Will post the pics soon.

Merry Christmas to you all and hear you soon.

Rob.
YS1RS

_____
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To: pfr3_group@yahoogroups.com
Sent: Monday, December 19, 2011 12:55 AM
Subject: [pfr3_group] Re: Got my Kit!

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How cool would it be to build up the kits and make first QSOs with them yellow to yellow?

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72 de

Jon
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--- In pfr3_group@yahoogroups.com, "edingraham" <edingraham@...> wrote:
>
> Merry Christmas and Happy Soldering in the New Year!
> 73, Ed WX4S
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> --- In pfr3_group@yahoogroups.com, "Andreas" <dl1akp@> wrote:
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> > Hi group,
> >
> > I got my kit after 10 days of ordering it. Paid about 47 EUR for customs and tax.
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> > Yesterday I checked the components and all are present. Some have even an additional part...
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> > So after the Christmas stress the work can beginn in 2012..
> > Merry Christmas and a Happy new year to all "Groupies"
> >
> > from Andy, DL1AKP / AB7VT
> >
>

3412. Re: BLT Question

Yahoo group: pfr3_group
Date: 2011-12-20 17:39:53 UTC
From: k6mgo@verizon.net
Topic: 3407 Message: 3412

I guess I could try that Bill, but I would rather figure out why the BLT is so touchy for me. I've had little success with it outside, with long wires of 50-55 feet, and 28 feet, and now with a balanced antenna, of 50 feet. I usually can get one or two bands to tune, but, not all three, on any one antenna. I'm trying to find out if it's my technique, or the tuner. Using my old ZM-2, I can match just about anything. So I was trying to extend the range of the BLT Load cap, as it was at the max clockwise position on 20 meters and just started to dim to about 50% when it runs out of movement. That's why I was asking about the trimmers on the back of the tuning cap.

73,
Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Bill Adams <w_r_adams1@...> wrote:
>
> Try adding a short extension to the twin lead. That will transform the impedance presented to your PFR-3 and you'll have to start over tuning all bands, but at some point(s)all 3 bands will be within range of the BLT. Let us know the results, as I too find the match point at the extreme end of rotation for one or both capacitors.
>
> Bill AF4B
> Bill AF4B
> Long : -97.10209 W (-97Â° 6' 8'' W)
> Lat : 32.59437 N (32Â° 35' 40'' N)
> Maidenhead grid : EM12ko
> USNG : 14S PB 78160 07850
> MAPSCO map grid : 125a Tarrant Co., TX.

3413. Re: [pfr3_group] Re: BLT Question

Yahoo group: pfr3_group
Date: 2011-12-20 18:13:28 UTC
From: Bill Adams
Topic: 3407 Message: 3413

It is very tuning "sensitive". I've practiced with resistor loads on the output and over the holidays hope to make a systematic evaluation of tuning into loads ranging from 10 to 4000 ohms. Hopefully that will improve my skill in more quickly finding a match as well as defining the range of the BLT tuner in my radio. I find on real antennas that I more quickly find the match combination by peaking the tune capacitor on noise before performing the keydown tune.

I never did figure out the trimmer positions so I just left them as specified in the build instructions.

73
Bill AF4B
Long : -97.10209 W (-97° 6' 8'' W)
Lat : 32.59437 N (32° 35' 40'' N)
Maidenhead grid : EM12ko
USNG : 14S PB 78160 07850
MAPSCO map grid : 125a Tarrant Co., TX.

_____
From: "k6mgo@..." <k6mgo@verizon.net>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, December 20, 2011 11:39 AM
Subject: [pfr3_group] Re: BLT Question

I guess I could try that Bill, but I would rather figure out why the BLT is so touchy for me. I've had little success with it outside, with long wires of 50-55 feet, and 28 feet, and now with a balanced antenna, of 50 feet. I usually can get one or two bands to tune, but, not all three, on any one antenna. I'm trying to find out if it's my technique, or the tuner. Using my old ZM-2, I can match just about anything. So I was trying to extend the range of the BLT Load cap, as it was at the max clockwise position on 20 meters and just started to dim to about 50% when it runs out of movement. That's why I was asking about the trimmers on the back of the tuning cap.

73,
Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Bill Adams <w_r_adams1@...> wrote:
>
> Try adding a short extension to the twin lead. That will transform the impedance presented to your PFR-3 and you'll have to start over tuning all bands, but at some point(s)all 3 bands will be within range of the BLT. Let us know the results, as I too find the match point at the extreme end of rotation for one or both capacitors.
>
> Bill AF4B
> Bill AF4B
> Long : -97.10209 W (-97Â° 6' 8'' W)

> Lat : 32.59437 N (32Â° 35' 40'' N)
> Maidenhead grid : EM12ko
> USNG : 14S PB 78160 07850
> MAPSCO map grid : 125a Tarrant Co., TX.

3414. Re: [pfr3_group] Re: BLT Question

Yahoo group: pfr3_group
Date: 2011-12-20 18:40:38 UTC
From: Steven Weber
Topic: 3407 Message: 3414

The trimmer caps have little range, so they have little effect. How you wind the toroid (wires tight to the core or loose and how they are spread) will have a much greater effect.

Full clockwise is minimum capacitance. If the Tune capactior is also at or near full clockwise, that would indicate there is too much inductance and you need to spread the turns on the toriod out a bit.

Tune and Load are interactive. Ideally, strive for the highest amount of load capacitance and the least tune capacitance. The BLT is a tuned circuit, which is why it is touchy and the adjustment very sharp. Both Tune and Load affect the resonance, which is why they are interactive.

Steve KD1JV

I guess I could try that Bill, but I would rather figure out why the BLT is so touchy for me. I've had little success with it outside, with long wires of 50-55 feet, and 28 feet, and now with a balanced antenna, of 50 feet. I usually can get one or two bands to tune, but, not all three, on any one antenna. I'm trying to find out if it's my technique, or the tuner. Using my old ZM-2, I can match just about anything. So I was trying to extend the range of the BLT Load cap, as it was at the max clockwise position on 20 meters and just started to dim to about 50% when it runs out of movement. That's why I was asking about the trimmers on the back of the tuning cap.

3415. Re: BLT Question

Yahoo group: pfr3_group
Date: 2011-12-20 19:37:10 UTC
From: k6mgo@verizon.net
Topic: 3407 Message: 3415

I agree that it is sensitive, but, I'm used to that with the ZM-2 and also got a note from Steven telling me to tune the "Tune" control first for max noise in receiver then adjust the "Load" control for dimming of the LED. Still can't get it out completely on all bands with all antennas.

I'll be very interested in your findings as to the tuning range of the BLT, Bill, please let us know what you find.

Tnx & 73

Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Bill Adams <w_r_adams1@...> wrote:
>
> It is very tuning "sensitive". I've practiced with resistor loads on the output and over the holidays hope to make a systematic evaluation of tuning into loads ranging from 10 to 4000 ohms. Hopefully that will improve my skill in more quickly finding a match as well as defining the range of the BLT tuner in my radio. I find on real antennas that I more quickly find the match combination by peaking the tune capacitor on noise before performing the keydown tune.
>
> I never did figure out the trimmer positions so I just left them as specified in the build instructions.
>
> 73
> Bill AF4B
> Long : -97.10209 W (-97Â° 6' 8'' W)
> Lat : 32.59437 N (32Â° 35' 40'' N)
> Maidenhead grid : EM12ko
> USNG : 14S PB 78160 07850
> MAPSCO map grid : 125a Tarrant Co., TX.
>
>

3416. Re: BLT Question

Yahoo group: pfr3_group
Date: 2011-12-20 19:43:35 UTC
From: k6mgo@verizon.net
Topic: 3407 Message: 3416

Tnx very much Steve,

I'll print this out and save it in my copy of the manual. I will spread out the turns on the toroid and see how it works, tnx again.

73, and Happy Holidays

Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> The trimmer caps have little range, so they have little effect. How you wind
> the toroid (wires tight to the core or loose and how they are spread) will
> have a much greater effect.
>
> Full clockwise is minimum capacitance. If the Tune capacitor is also at or
> near full clockwise, that would indicate there is too much inductance and
> you need to spread the turns on the toroid out a bit.
>
> Tune and Load are interactive. Ideally, strive for the highest amount of
> load capacitance and the least tune capacitance. The BLT is a tuned circuit,
> which is why it is touchy and the adjustment very sharp. Both Tune and Load
> affect the resonance, which is why they are interactive.
>
> Steve KD1JV

3417. Re: BLT Question

Yahoo group: pfr3_group
Date: 2011-12-20 23:44:20 UTC
From: k6mgo@verizon.net
Topic: 3407 Message: 3417

Took your advice and opened the case and tried to spread the turns on the toroid, Steve, but, I guess I had wound it pretty tight, because I didn't have much leeway. Did get a little more spacing, but, 20m tuning was still up against the stop, at max. CW of the Tune Control. So, went in again and adjusted the trimmers (both) on the Tune Control, for min. capacity. Now, 20m tunes completely dark LED with Tune about 10-20 degs off of max. CW, and the other two bands, tune in the middle of Tune Control's range. So, I'm going to leave it like that, as I don't want to break anything, now that I have it working nicely.

Thanks for your help,

73, Bill

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> The trimmer caps have little range, so they have little effect. How you wind
> the toroid (wires tight to the core or loose and how they are spread) will
> have a much greater effect.
>
> Full clockwise is minimum capacitance. If the Tune capactior is also at or
> near full clockwise, that would indicate there is too much inductance and
> you need to spread the turns on the toriod out a bit.
>
> Tune and Load are interactive. Ideally, strive for the highest amount of
> load capacitance and the least tune capacitance. The BLT is a tuned circuit,
> which is why it is touchy and the adjustment very sharp. Both Tune and Load
> affect the resonance, which is why they are interactive.
>
> Steve KD1JV

3418. Holiday wishes...

Yahoo group: pfr3_group
Date: 2011-12-23 16:38:12 UTC
From: Ren
Topic: 3418 Message: 3418

Hello everyone,

I just wanted to take a moment out of my day to wish you all a Very Merry Christmas or whatever other holiday you and your family might celebrate and say it is a pleasure to be a member of this group.

Ren

3419. Re: [pfr3_group] Holiday wishes...

Yahoo group: pfr3_group
Date: 2011-12-24 13:54:48 UTC
From: f6ddv
Topic: 3418 Message: 3419

Have a great Christmas
And my best wishes for Happy New Year 2012 to all
Jean paul
F6DDV

3420. Merry Christmas! And a Better New Year too!

Yahoo group: pfr3_group
Date: 2011-12-24 21:27:41 UTC
From: Dale Putnam
Topic: 3420 Message: 3420

Very Merry Christmas wishes from all of us.. Betsy, Matthew, and Dale - WC7S, to each for a joyous and wonder filled Christmas, may it be a blessing to us all, as we enjoy the Holiday together,

And, as the week passes, this the last week of this interesting and tumultuous year, let us reflect and learn,
from our experiences, so we can all MAKE the NEW YEAR a BETTER ONE for each of us all.

--... ...--

Dale, Betsy, and Matthew
fm - WC7S in Wy

3421. Second batch of printed circuit board holder kits

Yahoo group: pfr3_group
Date: 2011-12-25 21:50:55 UTC
From: Ken
Topic: 3421 Message: 3421

On to the second batch of board holders kits... I came up with this after I got tired of chasing around pcb's on the bench top during construction and testing. I have one of those gimbaled pcb vises, but it takes up too much room on the bench.

This is perfect for secure holding of PCB's during soldering, prototyping, and testing. A dovetail groove prevents any slipping of the board from the fixture, with minimal clamping pressure. The jaw opening will easily accommodate and securely hold boards from 1/4" to 5", easily extended with longer rods. The jaws are fabricated from UHMW, (ultra-high-molecular-weight polyethylene), rods are Nylon. Easily replaceable elastic band for many years of service.

All the details are here for anyone wanting to build one, or there is a complete kit of machined parts ready for assembly.

http://www.qrpbuilder.com/downloads/pcb_holder_you_can_build.pdf

3422. PFR-3A Side Tone question

Yahoo group: pfr3_group
Date: 2011-12-26 05:39:30 UTC
From: Roberto
Topic: 3422 Message: 3422

I wonder which is the PFR-3A Sidetone frequency and it that frequency can be changed?

Rob.
YS1RS

3423. Re: [pfr3_group] PFR-3A Side Tone question

Yahoo group: pfr3_group
Date: 2011-12-26 18:20:36 UTC
From: Steve Smith
Topic: 3422 Message: 3423

Hi Rob,

Sidetone is generated by the microprocessor at pin 26. To the best of my knowledge, there is no means of changing the frequency other than modification of the firmware.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Roberto" <ys1rs@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3A Side Tone question
Date: Mon, 26 Dec 2011 05:39:30 -0000

I wonder which is the PFR-3A Sidetone frequency and it that frequency can be changed?

Rob.
YS1RS

3424. Re: [pfr3_group] PFR-3A Side Tone question

Yahoo group: pfr3_group
Date: 2011-12-26 19:10:55 UTC
From: Roberto Salazar
Topic: 3422 Message: 3424

Yes, I understand Steve.
No problem. Is just that I was used to the 800 hz of my Kenwood.
The BFO is adjusted against the 600 hz.in the PFR-3A so I get a good reference for zero beat.
Was just wondering if there was a way to adjust it to your likeness.

But again... those features would have increased the price of the rig.
Its low price is one of the biggest pros this nice little box has got.
600 hz is a pleasant tone though.

Rob.
YS1RS

From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Monday, December 26, 2011 12:20 PM
Subject: Re: [pfr3_group] PFR-3A Side Tone question

Hi Rob,

Sidetone is generated by the microprocessor at pin 26. To the best of my knowledge, there is no means of changing the frequency other than modification of the firmware.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Roberto" <ys1rs@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3A Side Tone question
Date: Mon, 26 Dec 2011 05:39:30 -0000

I wonder which is the PFR-3A Sidetone frequency and it that frequency can be changed?

Rob.
YS1RS

3425. Re: [pfr3_group] PFR-3A Side Tone question

Yahoo group: pfr3_group
Date: 2011-12-26 22:57:01 UTC
From: Steven Weber
Topic: 3422 Message: 3425

Was just wondering if there was a way to adjust it to your likeness.

But again... those features would have increased the price of the rig.

Well, the trouble is in the way it works. There are a limited number of timer/counters in the MAGA48 processor to use. One timer is used to generate the side tone, the timing for the keyer and the display mulitplexing. This counter is set to produce interupts every 833 us ~1200 Hz. When divided by 2, produces the 600 Hz sidetone. Since this clock also times the dot/dashes, if the sidetone freq were to be adjustable, the constants used for each keyer speed would have to be calculated on the fly for that given sidetone frequency and desired keyer speed instead of the simple look up table used now.

So while in theory, it would be possible to have an adjustable side tone frequency, in practice writting the routine to do that gets a bit complicated, so I didn't do it. I belive a copy of the PFR-3A source code is in the files section of the group, so if anyone wants to take a shot at adding an adjustable side tone feature to the code, have at it!

The only thing which would affect the cost would be if there isn't enough program memory left to add that feature (and there might not be) so a processor a larger memory would have to be used.

72, Steve KD1JV

3426. Re: [pfr3_group] PFR-3A Side Tone question

Yahoo group: pfr3_group
Date: 2011-12-26 23:45:02 UTC
From: Roberto Salazar
Topic: 3422 Message: 3426

I see! The way it is now is just perfect.
It generates/calculates the tone is an easy, simpler and trouble free way.
Less load on the processor too. Otherwise a complicated routine would make thinks slower and could screw up everything.

Thanks for the detailed explanation.
I was just curious. Have learned more about this rig today.
Thanks to Dale (WC7S), Steve (WB6TNL) and now you, the designer, for responding.
Glad to know I am not alone at all.

General question:
...I wonder if there are more PFR-3A users in Central America but do not know of their existence as of today yet...
...I know there is one, far away down there, in Argentina (LU4DQQ). In western Europe, PFR-3A is popular.

Thank you guys.

Rob.
YS1RS

From: Steven Weber <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Monday, December 26, 2011 4:57 PM
Subject: Re: [pfr3_group] PFR-3A Side Tone question

☐
Was just wondering if there was a way to adjust it to your likeness.
>
>But again... those features would have increased the price of the rig.
>
>Well, the trouble is in the way it works. There are a limited number of timer/counters in the MAGA48 processor to use. One timer is used to generate the side tone, the timing for the keyer and the display mulitplexing. This counter is set to produce interupts every 833 us ~1200 Hz. When divided by 2, produces the 600 Hz sidetone. Since this clock also times the dot/dashes, if the sidetone freq were to be adjustable, the constants used for each keyer speed would have to be calculated on the fly for that given sidetone frequency and desired keyer speed instead of the simple look up table used now.
>
>So while in theory, it would be possible to have an adjustable side tone frequency, in practice writting the routine to do that gets a bit complicated, so I didn't do it. I belive a copy of the PFR-3A source code is in the files section of the group, so if anyone wants to take a shot at adding an adjustable side tone feature to the code, have at it!
>
>The only thing which would affect the cost would be if there isn't enough program memory left to add that feature (and there might not be) so a processor a larger memory would have to be used.
>

>72, Steve KD1JV

3427. What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2011-12-27 15:32:55 UTC
From: Roberto
Topic: 3427 Message: 3427

Guys, I bought the PFR-3A to be used when traveling.
Do you know of an acceptable hotel antenna? By this I mean something that could be rolled down through the window (no counterpoise available).
In this part of the world, all buildings are made of concrete and steel so an attic antenna wouldn't work at all.

Sounds silly but... any ideas?

If nothing like that is found... the second choice would be something easy, not messy, to put out on the hotel garden. Easy to carry in your luggage,will look nice (so hotel personnel would not worry about mess with wires all over) that could be assembled fast and ease to put away.
I guess a vertical could fit easily here, but I am not expert in the field of backpacking and do not want to invent the wheel again.

Any suggestions please?

Rob.
YS1RS

3428. Re: What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2011-12-28 04:29:25 UTC
From: n3ham1
Topic: 3427 Message: 3428

I don't know about hotel window antennas but one I have used for portable work which is easy to set up in a small space and matches the PFR3's bands is WA3WSJ's Black Widow vertical. I have even set it up in a compromised way on a second floor balcony and it has performed well. It sets up in 5 minutes and doubles as a hiking stick. 73 Jerry WA3WSJ's Place <http://wa3wsj.homestead.com/>
--- In pfr3_group@yahoogroups.com, "Roberto" <ys1rs@...> wrote:
>
> Guys, I bought the PFR-3A to be used when traveling.
> Do you know of an acceptable hotel antenna? By this I mean something that could be rolled down through the window (no counterpoise available).
> In this part of the world, all buildings are made of concrete and steel so an attic antenna wouldn't work at all.
>
> Sounds silly but... any ideas?
>
> If nothing like that is found... the second choice would be something easy, not messy, to put out on the hotel garden. Easy to carry in your luggage,will look nice (so hotel personnel would not worry about mess with wires all over) that could be assembled fast and ease to put away.
> I guess a vertical could fit easily here, but I am not expert in the field of backpacking and do not want to invent the wheel again.
>
> Any suggestions please?
>
> Rob.
> YS1RS
>

3429. Re: What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2011-12-28 13:39:30 UTC
From: Stan ae0sl
Topic: 3427 Message: 3429

I like an end-fed Zepp antenna for hotel use and for use in parks with it thrown into the trees. I love the Par End-Fedz 20m antenna. It is a commercially available, well built antenna that loads up well on one band with the PFR-3.
http://www.parelectronics.com/end-fedz.php

3430. Re: [pfr3_group] Re: What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2011-12-28 13:55:26 UTC
From: beargyrils@aol.com
Topic: 3427 Message: 3430

65 feet of wire about say $1.50
Plastic box made from a burnt out wallwart $00.00
1 poly cap $2.00
1 T-68-2 core .75 cents
New connectors from Radio Shack about $4,00.
Tiny hyper bright white LED and a couple resistors about $2.50
Build the tuner and save some big money,
The Par is good but I found that each location need me to adjust the
antenna wire.
BOB
AF2Q _http://www.vk2zay.net/article/115_
(http://www.vk2zay.net/article/115)

http://users.erols.com/k3mt/graswire/graswire.htm
(http://users.erols.com/k3mt/graswire/graswire.htm)

http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/
(http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/)

In a message dated 12/28/2011 5:39:37 A.M. Pacific Standard Time,
ae0sl@... writes:

I like an end-fed Zepp antenna for hotel use and for use in parks with it
thrown into the trees. I love the Par End-Fedz 20m antenna. It is a
commercially available, well built antenna that loads up well on one band with the
PFR-3. _http://www.parelectronics.com/end-fedz.php_
(http://www.parelectronics.com/end-fedz.php)

http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/
(http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/)

3431. Re: [pfr3_group] Re: What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2011-12-28 17:08:05 UTC
From: f6ddv
Topic: 3427 Message: 3431

Hello
I did not know the antenna placed on the grass ....
it is quite extra ordinary
thank you
73
jp F6DDV
============
----- Original Message -----
From: beargyrils@...
To: pfr3_group@yahoogroups.com
Sent: Wednesday, December 28, 2011 2:55 PM
Subject: Re: [pfr3_group] Re: What could be an acceptable hotel window antenna?

65 feet of wire about say $1.50
Plastic box made from a burnt out wallwart $00.00
1 poly cap $2.00
1 T-68-2 core .75 cents
New connectors from Radio Shack about $4,00.
Tiny hyper bright white LED and a couple resistors about $2.50
Build the tuner and save some big money,
The Par is good but I found that each location need me to adjust the antenna wire.
BOB
AF2Q http://www.vk2zay.net/article/115

http://users.erols.com/k3mt/graswire/graswire.htm

http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/

In a message dated 12/28/2011 5:39:37 A.M. Pacific Standard Time, ae0sl@radioham.org writes:
I like an end-fed Zepp antenna for hotel use and for use in parks with it thrown into the trees. I love the Par End-Fedz 20m antenna. It is a commercially available, well built antenna that loads up well on one band with the PFR-3.
http://www.parelectronics.com/end-fedz.php

http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/

3432. Re: [pfr3_group] Re: What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2011-12-28 16:55:25 UTC
From: f6ddv
Topic: 3427 Message: 3432

Hello
Hmm ... if the hotel to a park and trees available and the "boss" is in agreement, okay, H. I.
But otherwise, there is the magnetic loop to save you the radio silence ...
I tried two antenna inside YoYo shaped "V" with the T1 box
I made a dozen QSOs in the evening ...
73
F6DDV
============
----- Original Message -----
From: Stan ae0sl
To: pfr3_group@yahoogroups.com
Sent: Wednesday, December 28, 2011 2:39 PM
Subject: [pfr3_group] Re: What could be an acceptable hotel window antenna?

I like an end-fed Zepp antenna for hotel use and for use in parks with it thrown into the trees. I love the Par End-Fedz 20m antenna. It is a commercially available, well built antenna that loads up well on one band with the PFR-3.
http://www.parelectronics.com/end-fedz.php

3433. Pretest before installing L7 in Group 3

Yahoo group: pfr3_group
Date: 2011-12-29 12:56:37 UTC
From: Yasuyuki Tanaka
Topic: 3433 Message: 3433

Hello everyone,

I am now confusing in the preset before installing L7 in Group 3.
When I checked the voltage (to ground) on the L7 pad to the right, next to C57,
it showed 7.78V under supply voltage was 8.98V.
While the manual said that the voltage should be about the same as the supply voltage,
how much it should be accurate?
Is my measured value within the range for going to the L7 installation?
So far, I could not find any problem about connection and value of R34 and R35, but
I do not know what I should check Q5 (so far, soldering looks all right.).
Under such situation, the voltage test (to ground) on pins 1 and 13 of U8 was OK when the key was on and off.
I will appreciate any warm advice.

Regards,

Yas (7n4rho)

3434. RE: [pfr3_group] Pretest before installing L7 in Group 3

Yahoo group: pfr3_group
Date: 2011-12-29 14:13:33 UTC
From: Dale Putnam
Topic: 3433 Message: 3434

Hello Yas,
I'd proceed at that point. I usually see just a bit more voltage there, or rather closer to the supply. But you are well within the ballpark of being ok.
When you reconnect power after installing L7, be watching the current flow from the supply, especially during the first key up time.
Good Luck, sounds like a good build is occurring,
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ptanaka_9v1by@...
Date: Thu, 29 Dec 2011 20:56:37 +0800
Subject: [pfr3_group] Pretest before installing L7 in Group 3

Hello everyone,

I am now confusing in the preset before installing L7 in Group 3.

When I checked the voltage (to ground) on the L7 pad to the right, next to C57,

it showed 7.78V under supply voltage was 8.98V.

While the manual said that the voltage should be about the same as the supply voltage,

how much it should be accurate?

Is my measured value within the range for going to the L7 installation?

So far, I could not find any problem about connection and value of R34 and R35, but

I do not know what I should check Q5 (so far, soldering looks all right.).

Under such situation, the voltage test (to ground) on pins 1 and 13 of U8 was OK when the

key was on and off.

I will appreciate any warm advice.

Regards,

Yas (7n4rho)

3435. Re: [pfr3_group] Pretest before installing L7 in Group 3

Yahoo group: pfr3_group
Date: 2011-12-29 18:46:02 UTC
From: Steven Weber
Topic: 3433 Message: 3435

When I checked the voltage (to ground) on the L7 pad to the right, next to
C57,
it showed 7.78V under supply voltage was 8.98V.

Close enough, contiune on.

3436. Re: [pfr3_group] Pretest before installing L7 in Group 3

Yahoo group: pfr3_group
Date: 2011-12-30 15:27:56 UTC
From: Yasuyuki Tanaka
Topic: 3433 Message: 3436

Thank you very much for warm advices.
I could find the solution by myself after several checking.
It was simple mistake that I did not go into the straight key mode.
Once I went into the straight key mode, the voltage on the L7 pad became 8.69V
under supplying 8.89V, which seems to be OK.
After that, I have just completed till Group 4 today and will go on to the Group 5
tomorrow.
Please excuse me but bothering you by such a small mistake.
Appreciate your quick and kind advices.

Best regards,

Yas (7n4rho)

_____
From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Thursday, 29 December 2011, 23:13
Subject: RE: [pfr3_group] Pretest before installing L7 in Group 3

Hello Yas,
  I'd proceed at that point. I usually see just a bit more voltage there, or rather closer
to the supply. But you are well within the ballpark of being ok.
When you reconnect power after installing L7, be watching the current flow from the supply,
especially during the first key up time.
Good Luck, sounds like a good build is occurring,
Have a great day,

--... ...--
Dale - WC7S in Wy

_____
To: pfr3_group@yahoogroups.com
From: ptanaka_9v1by@...
Date: Thu, 29 Dec 2011 20:56:37 +0800
Subject: [pfr3_group] Pretest before installing L7 in Group 3

Hello everyone,

I am now confusing in the preset before installing L7 in Group 3.
When I checked the voltage (to ground) on the L7 pad to the right, next to C57,
it showed 7.78V under supply voltage was 8.98V.
While the manual said that the voltage should be about the same as the supply voltage,
how much it should be accurate?
Is my measured value within the range for going to the L7 installation?
So far, I could not find any problem about connection and value of R34 and R35, but
I do not know what I should check Q5 (so far, soldering looks all right.).

Under such situation, the voltage test (to ground) on pins 1 and 13 of U8 was OK when the key was on and off.
I will appreciate any warm advice.

Regards,

Yas (7n4rho)

3437. Re: [pfr3_group] Pretest before installing L7 in Group 3

Yahoo group: pfr3_group
Date: 2011-12-30 16:45:04 UTC
From: Ray Smith
Topic: 3433 Message: 3437

We should pick a time and freq. and contact other PFR-3 builders. First time on the bands made contact w / St. Louis, S. Carolina and Juarez Mexico it was snowing and i just tossed the LAMBDA wire as high as possible in a tree, counter poise abt 1 foot off the snow sitting at my kitchen table in front of the fire place. What a nice rig the building was a great experience. Happy New Year all.
73
Ray Smith
KC0WMN

3438. Re: What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2011-12-31 15:36:19 UTC
From: Roberto
Topic: 3427 Message: 3438

This one is cheap to build (money is a big issue) but here in my country you can find all components but not the poly cap neither the core. Those two components are too specialized to be available locally.

Where can I buy those in the USA and get them by mail?

Rob
YS1RS

--- In pfr3_group@yahoogroups.com, beargyrils@... wrote:
>
>
> 65 feet of wire about say $1.50
> Plastic box made from a burnt out wallwart $00.00
> 1 poly cap $2.00
> 1 T-68-2 core .75 cents
> New connectors from Radio Shack about $4,00.
> Tiny hyper bright white LED and a couple resistors about $2.50
> Build the tuner and save some big money,
> The Par is good but I found that each location need me to adjust the
> antenna wire.
> BOB
> AF2Q _http://www.vk2zay.net/article/115_
> (http://www.vk2zay.net/article/115)
>
> _http://users.erols.com/k3mt/graswire/graswire.htm_
> (http://users.erols.com/k3mt/graswire/graswire.htm)
>
>
> _http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/_
> (http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/)
>
>
> In a message dated 12/28/2011 5:39:37 A.M. Pacific Standard Time,
> ae0sl@... writes:
>
> I like an end-fed Zepp antenna for hotel use and for use in parks with it
> thrown into the trees. I love the Par End-Fedz 20m antenna. It is a
> commercially available, well built antenna that loads up well on one band with the
> PFR-3. _http://www.parelectronics.com/end-fedz.php_
> (http://www.parelectronics.com/end-fedz.php)
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>
> _http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/_
> (http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/)
>

3439. Re: [pfr3_group] Re: What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2011-12-31 15:54:53 UTC
From: beargyrils@aol.com
Topic: 3427 Message: 3439

Rob,
You can't use the tuner in the pfr3 rig?
Works fine on mine but you have to flip the switch on the back.
If you need a couple T68-2 cores and a nice heavy duty cap I can send you those with no problem
BOB
AF2Q

http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/
(http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/)

In a message dated 12/31/2011 7:36:27 A.M. Pacific Standard Time, ys1rs@... writes:

This one is cheap to build (money is a big issue) but here in my country you can find all components but not the poly cap neither the core. Those two components are too specialized to be available locally.

Where can I buy those in the USA and get them by mail?

Rob

(http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/)

3440. Re: What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2011-12-31 17:41:58 UTC
From: Roberto
Topic: 3427 Message: 3440

Hi Bob.
Thanks for the kind offer. I am thankful but I was confused.
Read the list of components you posted and I followed the link for the end fed long wire you suggested and being a newbie... I thought I needed all those components to build the antenna.
Now I see! : All I need is the long wire. The tuner is already in the PFR-3A (I thought I needed to build the other tuner to make the antenna fit into the limits/range of the PFR-3A tuner (which I thought were very narrow).

Space limitation in my country is a problem. The antenna I intend to build is to be used when traveling, from a hotel window with the PFR-3A.
This one is perfect to be used on a field trip or from the hotel big green areas, to be thrown on the trees. I will build this one and keep it ready at hand.

Other option is the Magnetic Loop but I believe efficiency is a problem as I only have 5 watts. I need 15 to 25 watts to come close to what a dipole at 5 watts will do. Again, I may be wrong on this too.

The black widow vertical sounds to be the most versatile option. Small footprint but the site shows the coil portion well but no details about the grounding wires or the vertical radiator is shown leaving a lot in the dark (from a newbie point of view).

Rob.

--- In pfr3_group@yahoogroups.com, beargyrils@... wrote:
>
>
> Rob,
> You can't use the tuner in the pfr3 rig?
> Works fine on mine but you have to flip the switch on the back.
> If you need a couple T68-2 cores and a nice heavy duty cap I can send you
> those with no problem
> BOB
> AF2Q
>
>
> _http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/_
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>
> In a message dated 12/31/2011 7:36:27 A.M. Pacific Standard Time,
> ys1rs@... writes:
>
> This one is cheap to build (money is a big issue) but here in my country
> you can find all components but not the poly cap neither the core. Those two
> components are too specialized to be available locally.

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> Where can I buy those in the USA and get them by mail?
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> Rob
>
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> (http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/)
>

3441. Re: [pfr3_group] Re: What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2011-12-31 09:55:45 UTC
From: Bob AF2Q
Topic: 3427 Message: 3441

Rob Your on our list but it seems you have not read everything or watched the videos on the mag loop. The mag loop will work much better then the average dipole unless you can get that dipole at lest 35 feet up and in the clear from a hotel room you can just hang it on the wall. Make it from coax and then you can fold it up. I worked Japan with 50 watts (JA2HRO) and Sudan with 5 watts,Cuba with 5 watts. You call so I can't do much if you have no faith in the Loop Bob AF2Q
Former member of the 12 O'clock High Skydiving Team

-----Original Message-----
From: "Roberto" <ys1rs@yahoo.com>
Sender: pfr3_group@yahoogroups.com
Date: Sat, 31 Dec 2011 17:41:58
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: What could be an acceptable hotel window antenna?

Hi Bob.
Thanks for the kind offer. I am thankful but I was confused.
Read the list of components you posted and I followed the link for the end fed long wire you suggested and being a newbie... I thought I needed all those components to build the antenna.
Now I see! : All I need is the long wire. The tuner is already in the PFR-3A (I thought I needed to build the other tuner to make the antenna fit into the limits/range of the PFR-3A tuner (which I thought were very narrow).

Space limitation in my country is a problem. The antenna I intend to build is to be used when traveling, from a hotel window with the PFR-3A.
This one is perfect to be used on a field trip or from the hotel big green areas, to be thrown on the trees. I will build this one and keep it ready at hand.

Other option is the Magnetic Loop but I believe efficiency is a problem as I only have 5 watts. I need 15 to 25 watts to come close to what a dipole at 5 watts will do. Again, I may be wrong on this too.

The black widow vertical sounds to be the most versatile option. Small footprint but the site shows the coil portion well but no details about the grounding wires or the vertical radiator is shown leaving a lot in the dark (from a newbie point of view).

Rob.

--- In pfr3_group@yahoogroups.com, beargyrils@... wrote:
>
>
> Rob,
> You can't use the tuner in the pfr3 rig?
> Works fine on mine but you have to flip the switch on the back.
> If you need a couple T68-2 cores and a nice heavy duty cap I can send you

> those with no problem
> BOB
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>
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>
> In a message dated 12/31/2011 7:36:27 A.M. Pacific Standard Time,
> ys1rs@... writes:
>
> This one is cheap to build (money is a big issue) but here in my country
> you can find all components but not the poly cap neither the core. Those two
> components are too specialized to be available locally.
>
> Where can I buy those in the USA and get them by mail?
>
> Rob
>
>
>
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> (http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/)
>

3442. Re: What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2011-12-31 21:00:51 UTC
From: Roberto
Topic: 3427 Message: 3442

Wow! Bob that is a good performance!
Will read more and get deep into it.
In this case will need variables not available locally but easy to find on the net, as all models I've seen seems to require them and that was discouraging me a little.
I just saw one that will tune all 3 PFR's bands that will require 3 trimmers 5-50 pF. Here http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=10223

I guess the trimmers won't need to be big as the pfr is only 5 watts.

Lots of info to read.

Rob

--- In pfr3_group@yahoogroups.com, "Bob AF2Q" <beargyrils@...> wrote:
>
> Rob Your on our list but it seems you have not read everything or watched the videos on the mag loop. The mag loop will work much better then the average dipole unless you can get that dipole at lest 35 feet up and in the clear from a hotel room you can just hang it on the wall. Make it from coax and then you can fold it up. I worked Japan with 50 watts (JA2HRO) and Sudan with 5 watts,Cuba with 5 watts. You call so I can't do much if you have no faith in the Loop Bob AF2Q
> Former member of the 12 O'clock High Skydiving Team
>
> -----Original Message-----
> From: "Roberto" <ys1rs@...>
> Sender: pfr3_group@yahoogroups.com
> Date: Sat, 31 Dec 2011 17:41:58
> To: <pfr3_group@yahoogroups.com>
> Reply-To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: What could be an acceptable hotel window antenna?
>
> Hi Bob.
> Thanks for the kind offer. I am thankful but I was confused.
> Read the list of components you posted and I followed the link for the end fed long wire you suggested and being a newbie... I thought I needed all those components to build the antenna.
> Now I see! : All I need is the long wire. The tuner is already in the PFR-3A (I thought I needed to build the other tuner to make the antenna fit into the limits/range of the PFR-3A tuner (which I thought were very narrow).
>
> Space limitation in my country is a problem. The antenna I intend to build is to be used when traveling, from a hotel window with the PFR-3A.
> This one is perfect to be used on a field trip or from the hotel big green areas, to be thrown on the trees. I will build this one and keep it ready at hand.
>
> Other option is the Magnetic Loop but I believe efficiency is a problem as I only have 5

watts. I need 15 to 25 watts to come close to what a dipole at 5 watts will do. Again, I may be wrong on this too.
>
> The black widow vertical sounds to be the most versatile option. Small footprint but the site shows the coil portion well but no details about the grounding wires or the vertical radiator is shown leaving a lot in the dark (from a newbie point of view).
>
> Rob.
>
>
> --- In pfr3_group@yahoogroups.com, beargyrils@ wrote:
> >
> >
> > Rob,
> > You can't use the tuner in the pfr3 rig?
> > Works fine on mine but you have to flip the switch on the back.
> > If you need a couple T68-2 cores and a nice heavy duty cap I can send you
> > those with no problem
> > BOB
> > AF2Q
> >
> >
> > _http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/_
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> > In a message dated 12/31/2011 7:36:27 A.M. Pacific Standard Time,
> > ys1rs@ writes:
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> > This one is cheap to build (money is a big issue) but here in my country
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> > components are too specialized to be available locally.
> >
> > Where can I buy those in the USA and get them by mail?
> >
> > Rob
> >
> >
> >
> >
> > (http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/)
> >
>

3443. Re: [pfr3_group] Re: What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2011-12-31 21:08:29 UTC
From: beargyrils@aol.com
Topic: 3427 Message: 3443

Rob,
Your on our list.
Look at the calculators.
A three foot MAG LOOP (3 foot in diameter) and 1 tuning cap is all you need.
I have to leave now but the calculators are in the links section near the bottom
A 3 foot diameter loop and a cap rated at 30 to say 365 pf will get you the 3 bands
I never had luck with that delta shape wire antenna and it is not a true mag loop.
BOB
AF2Q

In a message dated 12/31/2011 1:01:02 P.M. Pacific Standard Time, ys1rs@... writes:

Wow! Bob that is a good performance!
Will read more and get deep into it.
In this case will need variables not available locally but easy to find on the net, as all models I've seen seems to require them and that was discouraging me a little.
I just saw one that will tune all 3 PFR's bands that will require 3 trimmers 5-50 pF. Here _http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=10223_ (http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=10223)

3444. Happy New Year to all from YS

Yahoo group: pfr3_group
Date: 2012-01-01 06:28:39 UTC
From: Roberto
Topic: 3444 Message: 3444

It is new year right now in El Salvador.

Feliz Año Nuevo 2012 from YS.

Rob.
YS1RS

3445. Re: [pfr3_group] Re: What could be an acceptable hotel window antenna?

Yahoo group: pfr3_group
Date: 2012-01-02 01:47:39 UTC
From: Roberto Salazar
Topic: 3427 Message: 3445

Hi Bob.

Sorry about that. Now I understand what you mean with "Your on our list".
I am used to use forums, which I think are better, but not Yahoo Groups.
Yahoo Groups use this email replicator system that is more convenient to members than to use forums but I am not used to it.
Any way... I have this question that many green members looking to build its own Magnetic Loop will ask:

I have the calculator. There are so many different designs.
Would you recommend an specific one?
an specific page/site of the many I could find a solid design so I can stick to that one and get deep into it? Octagonal, square or circle?

Also the variable capacitor for the range of between 14 and 200 pf (1 kV) is needed for a 3 foot diameter.

Those are not found locally. Could you recommend an affordable not too expensive one?
Sorry for so many questions but so many variables to choose from too.

Rob

From: "beargyrils@..." <beargyrils@...>
To: pfr3_group@yahoogroups.com
Sent: Saturday, December 31, 2011 3:08 PM
Subject: Re: [pfr3_group] Re: What could be an acceptable hotel window antenna?

Rob,
Your on our list.
Look at the calculators.
A three foot MAG LOOP (3 foot in diameter) and 1 tuning cap is all you
need.
I have to leave now but the calculators are in the links section near
the bottom
A 3 foot diameter loop and a cap rated at 30 to say 365 pf will get you
the 3 bands
I never had luck with that delta shape wire antenna and it is not a
true mag loop.
BOB
AF2Q

In a message dated 12/31/2011 1:01:02 P.M. Pacific Standard Time,
ys1rs@... writes:
Wow! Bob that is a good performance!
>Will read more and get deep into it.
>In this

case will need variables not available locally but easy to find on the net, as all models I've seen seems to require them and that was discouraging me a little.
>I just saw one that will tune all 3 PFR's bands that will require 3 trimmers 5-50 pF. Here http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=10223
>
>

3446. Final test (Power output)

Yahoo group: pfr3_group
Date: 2012-01-02 14:18:27 UTC
From: ptanaka_9v1by
Topic: 3446 Message: 3446

Hello, I wish everyone have A Happy New Year.
I had completed group 5 and checked the power output, but could not satisfy the result because its value is 4.0W@40m, 4.5W@30m, 5.1W@20m under supply voltage 12V.
Checking L8, it looks not bad about the number of turns and the evenness of each turns (I hope). Are there any other check points for solving lower output power? Or, do I have to accept my result as QRP transceiver?
Any kind advice will be appreciated.

Best regards,

Yas (7n4rho)

3447. low power output

Yahoo group: pfr3_group
Date: 2012-01-02 16:40:36 UTC
From: baldreyt
Topic: 3447 Message: 3447

Happy New Year to all

I'm just getting around to finishing off my pfr3. I'm not getting the rated power out. I'm getting 3.5 watts out on 40 and 2 watts out on 30 and 20. Counted turns on L8 L10 L12 spaced turns out as evenly as possible. I'm using a regulated 12V power supply. Any suggestions?

Yours Tom VA6WP

3448. Re: [pfr3_group] low power output

Yahoo group: pfr3_group
Date: 2012-01-02 19:54:27 UTC
From: Bob AF2Q
Topic: 3447 Message: 3448

Tom,I didn't build mine but I built most of what a local ham has. Had the same problem as you but all you have to do is peak and tweak the coils. As you know each band has it's own final so just keep tweaking. I get 5+ watts with fresh energizer batteries. My friends rig only had 2 watts on 40 and just over 3 watts on the other bands Go over the manual again and check to see if you get a big power drop if your using a battery. Keep us posted Bob AF2Q
Former member of the 12 O'clock High Skydiving Team

-----Original Message-----
From: "baldreyt" <baldreyt@yahoo.com>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 02 Jan 2012 16:40:36
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] low power output

Happy New Year to all

I'm just getting around to finishing off my pfr3. I'm not getting the rated power out. I'm getting 3.5 watts out on 40 and 2 watts out on 30 and 20. Counted turns on L8 L10 L12 spaced turns out as evenly as possible. I'm using a regulated 12V power supply. Any suggestions?

Yours Tom VA6WP

3449. RE: [pfr3_group] low power output

Yahoo group: pfr3_group
Date: 2012-01-02 17:01:31 UTC
From: Dale Putnam
Topic: 3447 Message: 3449

The tx power out is affected by the coils L8 through L13... given that the tx is feeding a 50 ohm dummy load, and being fed a pure 12v (9v preferred) 2 - 3 amp capable supply, it should produce the published 5 watts easily. Some minor adjustment may be made, if a careful eye is kept on the current and output. However, quite often the problem isn't the tx.. but rather either the dummy load... or the supply... and I am referring to the dc available, key down, at the input to L7,
thus eliminating the possible connection issues. If the voltage going into L7 drops.. say to 9 v, key down, but the input to the case is 12.. or from the battery carrier.. then the issue is "supply" connections.
Good Luck,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: baldreyt@...
Date: Mon, 2 Jan 2012 16:40:36 +0000
Subject: [pfr3_group] low power output

Happy New Year to all

I'm just getting around to finishing off my pfr3. I'm not getting the rated power out. I'm getting 3.5 watts out on 40 and 2 watts out on 30 and 20. Counted turns on L8 L10 L12 spaced turns out as evenly as possible. I'm using a regulated 12V power supply. Any suggestions?

Yours Tom VA6WP

3450. Re: [pfr3_group] low power output

Yahoo group: pfr3_group
Date: 2012-01-02 17:28:17 UTC
From: f6ddv
Topic: 3447 Message: 3450

Hello Tom
and good morning
I built this pfr3, and I can simply say, do not worry, this story is the same for almost all the guys.
Everything happens in the two cores of low pass filters for each band, do not touch anything for 12 volt you can get up to 7 + W, almost 8 ...
But as written, should not exceed 5 W, and not exceed 12 volts
You have to take your time
We must check with a magnifying glass if you just counted the towers (each time the thread enters the circles of the torus is a spiral,
as the wire is above and below> 1 turn + 1 / 2) if it is not good must be removed or added.
If you are on this, we must try to move turns up on one or both cores of each band, and monitor the power meter ... and you will see good results quickly.
Good luck, I think other guys will tell you about the same.
The pictures of my pfr3 and photos of other ham radio are on the site, looking good, we see that some have moved the turns.
73
jean paul F6DDV

From: Bob AF2Q
To: pfr3_group@yahoogroups.com
Sent: Monday, January 02, 2012 8:54 PM
Subject: Re: [pfr3_group] low power output

Tom,I didn't build mine but I built most of what a local ham has. Had the same problem as you but all you have to do is peak and tweak the coils. As you know each band has it's own final so just keep tweaking. I get 5+ watts with fresh energizer batteries. My friends rig only had 2 watts on 40 and just over 3 watts on the other bands Go over the manual again and check to see if you get a big power drop if your using a battery. Keep us posted Bob AF2Q

Former member of the 12 O'clock High Skydiving Team

From: "baldreyt" <baldreyt@yahoo.com>
Sender: pfr3_group@yahoogroups.com
Date: Mon, 02 Jan 2012 16:40:36 -0000
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: [pfr3_group] low power output

Happy New Year to all

I'm just getting around to finishing off my pfr3. I'm not getting the rated power out. I'm getting 3.5 watts out on 40 and 2 watts out on 30 and 20. Counted turns on L8 L10 L12 spaced turns out as evenly as possible. I'm using a regulated 12V power supply. Any

suggestions?

Yours Tom VA6WP

3451. low power output

Yahoo group: pfr3_group
Date: 2012-01-02 19:43:57 UTC
From: baldreyt
Topic: 3447 Message: 3451

Hi to all

I redid the test connections to the dummy load and retested the power outputs. 5 watts on 4o and 20 4 watts on 30. 30 does not seem to be responding to tweaking the coils. I looked at the coils on 30 L10 and they seem to be a little loose on the core I wonder if this could have an effect on the power output on 30.

Yours Tom VA6WP

3452. Re: [pfr3_group] low power output

Yahoo group: pfr3_group
Date: 2012-01-02 20:50:28 UTC
From: beargyrils@aol.com
Topic: 3447 Message: 3452

Tom,
I wind them tight but then it is hard to spread the turns.
But you only have to move them a hair and it will change the power you see.
Maybe your dummy load is heating up so let it cool down.
Put your finger on the one core and see how much the uH will change if you
have a meter if not then you should see the power drop or go up.
BOB
AF2Q

In a message dated 1/2/2012 11:44:02 A.M. Pacific Standard Time,
baldreyt@... writes:

Hi to all

I redid the test connections to the dummy load and retested the power
outputs. 5 watts on 4o and 20 4 watts on 30. 30 does not seem to be responding
to tweaking the coils. I looked at the coils on 30 L10 and they seem to be
a little loose on the core I wonder if this could have an effect on the
power output on 30.

Yours Tom VA6WP

3453. Re: [pfr3_group] low power output

Yahoo group: pfr3_group
Date: 2012-01-02 20:57:58 UTC
From: f6ddv
Topic: 3447 Message: 3453

good evening Tom
Ahh, it seems that it's going much better as well
Make sure L10 (13 t) and L11 (15 t) on the two cores can act the turns on the power
Welding to the wire and the capacitor C64 C65 C67 and pF are the right values in their place, it happens to everybody ...
You go do it ...
good luck
jp F6DDV

----- Original Message -----
From: baldreyt
To: pfr3_group@yahoogroups.com
Sent: Monday, January 02, 2012 8:43 PM
Subject: [pfr3_group] low power output

Hi to all

I redid the test connections to the dummy load and retested the power outputs. 5 watts on 4o and 20 4 watts on 30. 30 does not seem to be responding to tweaking the coils. I looked at the coils on 30 L10 and they seem to be a little loose on the core I wonder if this could have an effect on the power output on 30.

Yours Tom VA6WP

3454. Re: [pfr3_group] Final test (Power output)

Yahoo group: pfr3_group
Date: 2012-01-03 00:10:54 UTC
From: Inoue Kumekazu (JG3MVG)
Topic: 3446 Message: 3454

Yas-san

I think 4.5W is short a little..
My PFR-3 is 5w at 40m, 5.5W at 30m and 6W at 20m by KURANISHI WD-201 watt meter.

Please check L9. L8 and L9 are 40m.
Basically our advice are,
1. Recoil
2. Re-solder
3. Re-measurement
Recoil, that coils are too small, we can not find any problem by eye, but recoiling is just a one way.
Re-solder, it is difficult to remove an enamel coat, please carefully remove it.
Re-measurement, someone use high power watt meter, so it can not show precisely.

I know your work are perfect, but that is just check point.

Have a nice day and sorry in poor English.

Kumekazu INOUE $B!H(BINK$B!I(B
JG3MVG

On 12.1.2 11:18 PM, "ptanaka_9v1by" <ptanaka_9v1by@...> wrote:

>
>
>
>
>
> Hello, I wish everyone have A Happy New Year.
> I had completed group 5 and checked the power output, but could not satisfy
> the result because its value is 4.0W@40m, 4.5W@30m, 5.1W@20m under supply
> voltage 12V.
> Checking L8, it looks not bad about the number of turns and the evenness of
> each turns (I hope). Are there any other check points for solving lower
> output power? Or, do I have to accept my result as QRP transceiver?
> Any kind advice will be appreciated.
>
> Best regards,
>
> Yas (7n4rho)
>
>
>

>

3455. Re: [pfr3_group] Final test (Power output)

Yahoo group: pfr3_group
Date: 2012-01-03 03:55:39 UTC
From: Roberto Salazar
Topic: 3446 Message: 3455

In my case, tried everything with no luck.The problem was the power supply.
It is rated 1.5 amps/12 Vdc but it was not providing enough. When transmitting the voltage drop to 8-9 Vdc.
As soon as I tested using my main rig's big power supply (13.8 volts), I found the opposite. It was giving 7 watts in all bands.
Had to adjust the coils to drop down to 5 watts.

Rob.

From: Inoue Kumekazu (JG3MVG) <jg3mvg@jarl.com>
To: pfr3_group@yahoogroups.com
Sent: Monday, January 2, 2012 6:10 PM
Subject: Re: [pfr3_group] Final test (Power output)

Yas-san

I think 4.5W is short a little..
My PFR-3 is 5w at 40m, 5.5W at 30m and 6W at 20m by KURANISHI WD-201 watt meter.

Please check L9. L8 and L9 are 40m.
Basically our advice are,
 1. Recoil
 2. Re-solder
 3. Re-measurement
Recoil, that coils are too small, we can not find any problem by eye, but recoiling is just a one way.
Re-solder, it is difficult to remove an enamel coat, please carefully remove it.
Re-measurement, someone use high power watt meter, so it can not show precisely.

I know your work are perfect, but that is just check point.

Have a nice day and sorry in poor English.

Kumekazu INOUE “INK”
JG3MVG

On 12.1.2 11:18 PM, "ptanaka_9v1by" <ptanaka_9v1by@...> wrote:

>
>
>
>
>Hello, I wish everyone have A Happy New Year.
>I had completed group 5 and checked the power output, but could not satisfy the result because its value is 4.0W@40m, 4.5W@30m, 5.1W@20m under supply voltage 12V.
>Checking L8, it looks not bad about the number of turns and the evenness of each turns (I

hope). Are there any other check points for solving lower output power? Or, do I have to accept my result as QRP transceiver?
>Any kind advice will be appreciated.
>
>Best regards,
>
>Yas (7n4rho)
>
>
>
>
>

3456. Re: Final test (Power output)

Yahoo group: pfr3_group
Date: 2012-01-03 14:42:53 UTC
From: peter
Topic: 3446 Message: 3456

Rob,
With regard to running the PFR-3A using a 13.8v power supply, the instruction manual tells you to put two silicon rectifier diodes in series with the power supply when using this high voltage. This will limit the supply voltage to about 12.6v which should provide good lifetime for the finals. I don't think you get that same safety when adjusting the filter coils to reduce OUTPUT power using 13.8v. I use the diodes and run my PFR-3A from my computer UPS battery system (13.8v).

73,
Peter - KB1PBA

=====

--- In pfr3_group@yahoogroups.com, Roberto Salazar <ys1rs@...> wrote:
>
> In my case, tried everything with no luck.The problem was the power supply.
> It is rated 1.5 amps/12 Vdc but it was not providing enough. When transmitting the voltage drop to 8-9 Vdc.
> As soon as I tested using my main rig's big power supply (13.8 volts), I found the opposite. It was giving 7 watts in all bands.
> Had to adjust the coils to drop down to 5 watts.
>
>
> Rob.
>
>
>
> ________________________________

3457. Re: Got my Kit!

Yahoo group: pfr3_group
Date: 2012-01-03 14:45:43 UTC
From: Jon
Topic: 3401 Message: 3457

Hi Andy,

I've almost finished building my PFR 3a.

One small oversight in instructions is that R48 appears to have been replaced with a 1 k ohm resistor. I spent ages trying to figure this out but a search for <<R48>>> on the messages in this group provided the answer.

Hope your build goes OKand hope to hear you on air sometime soon.

73 de

Jon
OK8GB / G6UDE
Prague CZech Republic
--- In pfr3_group@yahoogroups.com, "Andreas" <dl1akp@...> wrote:
>
> Hi group,
>
> I got my kit after 10 days of ordering it. Paid about 47 EUR for customs and tax.
>
> Yesterday I checked the components and all are present. Some have even an additional part...
>
> So after the Christmas stress the work can beginn in 2012..
> Merry Christmas and a Happy new year to all "Groupies"
>
> from Andy, DL1AKP / AB7VT
>

3458. RE: [pfr3_group] Re: Final test (Power output)

Yahoo group: pfr3_group
Date: 2012-01-03 15:01:44 UTC
From: Dale Putnam
Topic: 3446 Message: 3458

IF you adjusted the toroids with an eye on the current during keying and adjusting, and the power out, you have arrived at the best tuning.
It really isn't advisable to adjust the finals either the toroids or an antenna tuner, with the input voltage that high. A pair of diodes, or a 5 ohm resistor (2 watt) will help drop the voltage to a better level. Better because it forces less current through the finals, and thus saves loosing the magic smoke.
Have a great new Year!!

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: psmudgett@...
Date: Tue, 3 Jan 2012 14:42:53 +0000
Subject: [pfr3_group] Re: Final test (Power output)

Rob,

With regard to running the PFR-3A using a 13.8v power supply, the instruction manual tells you to put two silicon rectifier diodes in series with the power supply when using this high voltage. This will limit the supply voltage to about 12.6v which should provide good lifetime for the finals. I don't think you get that same safety when adjusting the filter coils to reduce OUTPUT power using 13.8v. I use the diodes and run my PFR-3A from my computer UPS battery system (13.8v).

73,

Peter - KB1PBA

=====

--- In pfr3_group@yahoogroups.com, Roberto Salazar <ys1rs@...> wrote:

>

> In my case, tried everything with no luck.The problem was the power supply.

> It is rated 1.5 amps/12 Vdc but it was not providing enough. When transmitting the voltage drop to 8-9 Vdc.

> As soon as I tested using my main rig's big power supply (13.8 volts), I found the opposite. It was giving 7 watts in all bands.

> Had to adjust the coils to drop down to 5 watts.

>

>

> Rob.

>

>

>

> _____

3459. Re: [pfr3_group] Final test (Power output)

Yahoo group: pfr3_group
Date: 2012-01-03 15:10:42 UTC
From: Yasuyuki Tanaka
Topic: 3446 Message: 3459

Good morning everyone,
Thank you for your kind advice, Rob and INK-san,
I use my main rig's power supply adjusting its output voltage 12V from 13.8V, but it didn't get better.
(Checking various supply voltage, it is found that the output power in 40m became 5.0W when one in 20m became 6.5W at supply voltage 13.63V.)
I think supply voltage is not the reason.
In the next step, I tried to peak and tweak L8 and L9 as much as possible, but nothing has changed.
Then, I removed L8 and L9, checked wiring (wind the wire snug to the coil as much as I could), and then reinstalled, but again nothing has changed.
Finally, I reduce one turn in L9 (became 18 turns from original 19 turns), but it got worse that the output power in 40m dropped to 3.0W!! from 4.0W, though the manual says "Having just one extra turn will reduce power output.
Bad thing is that I cut off the wire accidentally and no more #28 wire with this kit.
Here is a question, is there any problem if I use #30 wire instead of #28 for re-winding L9?
And if anyone have any idea or advice, I will be happy to hear that.
If not, I may have to accept the current situation and go on to the next stage (mounting) after rewinding L9.
Will appreciate any kind help.
Thank you in advance.

Best regards,

Yas (7n4rho)

From: Roberto Salazar <ys1rs@...>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Tuesday, 3 January 2012, 12:55
Subject: Re: [pfr3_group] Final test (Power output)

In my case, tried everything with no luck. The problem was the power supply.
It is rated 1.5 amps/12 Vdc but it was not providing enough. When transmitting the voltage drop to 8-9 Vdc.
As soon as I tested using my main rig's big power supply (13.8 volts), I found the opposite. It was giving 7 watts in all bands.
Had to adjust the coils to drop down to 5 watts.

Rob.

From: Inoue Kumekazu (JG3MVG) <jg3mvg@...>
To: pfr3_group@yahoogroups.com
Sent: Monday, January 2, 2012 6:10 PM

Subject: Re: [pfr3_group] Final test (Power output)

Yas-san

I think 4.5W is short a little..
My PFR-3 is 5w at 40m, 5.5W at 30m and 6W at 20m by KURANISHI WD-201 watt meter.

Please check L9. L8 and L9 are 40m.
Basically our advice are,
 1. Recoil
 2. Re-solder
 3. Re-measurement
Recoil, that coils are too small, we can not find any problem by eye, but recoiling is just a one way.
Re-solder, it is difficult to remove an enamel coat, please carefully remove it.
Re-measurement, someone use high power watt meter, so it can not show precisely.

I know your work are perfect, but that is just check point.

Have a nice day and sorry in poor English.

Kumekazu INOUE “INK”
JG3MVG

On 12.1.2 11:18 PM, "ptanaka_9v1by" <ptanaka_9v1by@...> wrote:

>
>
>
>
>Hello, I wish everyone have A Happy New Year.
>I had completed group 5 and checked the power output, but could not satisfy the result because its value is 4.0W@40m, 4.5W@30m, 5.1W@20m under supply voltage 12V.
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>Any kind advice will be appreciated.
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>Best regards,
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>Yas (7n4rho)
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3460. RE: [pfr3_group] Final test (Power output)

Yahoo group: pfr3_group
Date: 2012-01-03 15:17:06 UTC
From: Dale Putnam
Topic: 3446 Message: 3460

You may find that putting 20 turns on L9 may provide better tuning for you.. keep the same core. Yes you may use a different size wire...
if you can get 20 turns of #26 wire, that would work.. and yes, #30 will work too... although I like to go larger if it fits on the core.
Good Luck,

oh.. can I send some #28 to you? Tell me your address, if you'd like?

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ptanaka_9v1by@yahoo.com.sg
Date: Tue, 3 Jan 2012 23:10:42 +0800
Subject: Re: [pfr3_group] Final test (Power output)

Good morning everyone,Thank you for your kind advice, Rob and INK-san,I use my main rig's power supply adjusting its output voltage 12V from 13.8V, but it didn't get better.(Checking various supply voltage, it is found that the output power in 40m became 5.0W when one in 20m became 6.5W at supply voltage 13.63V.)I think supply voltage is not the reason.In the next step, I tried to peak and tweak L8 and L9 as much as possible, but nothing has changed.Then, I removed L8 and L9, checked wiring (wind the wire snug to the coil as much as I could), and then reinstalled, but again nothing has changed.Finally, I reduce one turn in L9 (became 18 turns from original 19 turns), but it got worse that the output power in 40m dropped to 3.0W!!
from 4.0W, though the manual says "Having just one extra turn will reduce power output. Bad thing is that I cut off the wire accidentally and no more #28 wire with this kit.Here is a question, is there any problem if I use #30 wire instead of #28 for re-winding L9?And if anyone have any idea or advice, I will be happy to hear that.If not, I may have to accept the current situation and go on to the next stage (mounting) after rewinding L9.Will appreciate any kind help.Thank you in advance.
Best regards,
Yas (7n4rho)

From: Roberto Salazar
<ys1rs@...>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Tuesday, 3 January 2012, 12:55
Subject: Re: [pfr3_group] Final test (Power output)

In my case, tried everything with no luck. The problem was the power supply. It is rated 1.5 amps/12 Vdc but it was not providing enough. When transmitting the voltage drop to 8-9 Vdc.As soon as I tested using my main rig's big power supply (13.8 volts), I found the opposite. It was giving 7 watts in all bands.Had to adjust the coils to drop down to 5 watts.

Rob.
From: Inoue Kumekazu (JG3MVG)
<jg3mvg@...>
To: pfr3_group@yahoogroups.com
Sent: Monday, January 2, 2012 6:10 PM
Subject: Re: [pfr3_group] Final test (Power output)

Yas-san

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Please check L9. L8 and L9 are 40m.

Basically our advice are,

1. Recoil

2. Re-solder

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Recoil, that coils are too small, we can not find any problem by eye, but recoiling is just a one way.

Re-solder, it is difficult to remove an enamel coat, please carefully remove it.

Re-measurement, someone use high power watt meter, so it can not show precisely.

I know your work are perfect, but that is just check point.

Have a nice day and sorry in poor English.

Kumekazu INOUE “INK”

JG3MVG

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Any kind advice will be appreciated.

Best regards,

Yas (7n4rho)

3461. Re: [pfr3_group] Re: Final test (Power output)

Yahoo group: pfr3_group
Date: 2012-01-03 15:45:59 UTC
From: Roberto Salazar
Topic: 3446 Message: 3461

Yes, I know. The power supply was mentioned because that is how I found my problem was the small adjustable power supply.
I use my PFR with a 7A small 12V UPS battery.

Rob

From: peter <psmudgett@...>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 3, 2012 8:42 AM
Subject: [pfr3_group] Re: Final test (Power output)

Rob,
With regard to running the PFR-3A using a 13.8v power supply, the instruction manual tells you to put two silicon rectifier diodes in series with the power supply when using this high voltage. This will limit the supply voltage to about 12.6v which should provide good lifetime for the finals. I don't think you get that same safety when adjusting the filter coils to reduce OUTPUT power using 13.8v. I use the diodes and run my PFR-3A from my computer UPS battery system (13.8v).

73,
Peter - KB1PBA

=====

--- In pfr3_group@yahoogroups.com, Roberto Salazar <ys1rs@...> wrote:
>
> In my case, tried everything with no luck.The problem was the power supply.
> It is rated 1.5 amps/12 Vdc but it was not providing enough. When transmitting the voltage drop to 8-9 Vdc.
> As soon as I tested using my main rig's big power supply (13.8 volts), I found the opposite. It was giving 7 watts in all bands.
> Had to adjust the coils to drop down to 5 watts.
>
>
> Rob.
>
>
>
> ---

3462. Re: [pfr3_group] Final test (Power output)

Yahoo group: pfr3_group
Date: 2012-01-03 17:18:41 UTC
From: f6ddv
Topic: 3446 Message: 3462

Hello Yasuyuki
It's not luck, it will be good to add a tour and more, I read that sometimes powdered iron cores
may have slightly different characteristics.
for you, I will continue editing, and maybe you will find almost the same enameled wire in coils
of old radio transformers, any enamelled wire with a diameter close enough will be fine I think.
With a caliper you'll find it.
Good luck, as you are finished editing and exceeded all the problems, you learn things and more!
73
jean paul F6DDV
----- Original Message -----
From: Yasuyuki Tanaka
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 03, 2012 4:10 PM
Subject: Re: [pfr3_group] Final test (Power output)

Good morning everyone,
Thank you for your kind advice, Rob and INK-san,
I use my main rig's power supply adjusting its output voltage 12V from 13.8V, but it didn't get better.
(Checking various supply voltage, it is found that the output power in 40m became 5.0W when one in 20m became 6.5W at supply voltage 13.63V.)
I think supply voltage is not the reason.
In the next step, I tried to peak and tweak L8 and L9 as much as possible, but nothing has changed.
Then, I removed L8 and L9, checked wiring (wind the wire snug to the coil as much as I could), and then reinstalled, but again nothing has changed.
Finally, I reduce one turn in L9 (became 18 turns from original 19 turns), but it got worse that the output power in 40m dropped to 3.0W!! from 4.0W, though the manual says "Having just one extra turn will reduce power output.
Bad thing is that I cut off the wire accidentally and no more #28 wire with this kit.
Here is a question, is there any problem if I use #30 wire instead of #28 for re-winding L9?
And if anyone have any idea or advice, I will be happy to hear that.
If not, I may have to accept the current situation and go on to the next stage (mounting) after rewinding L9.
Will appreciate any kind help.
Thank you in advance.

Best regards,

Yas (7n4rho)

3463. Re: [pfr3_group] Re: Final test (Power output)

Yahoo group: pfr3_group
Date: 2012-01-03 17:02:40 UTC
From: f6ddv
Topic: 3446 Message: 3463

Hi all
Regarding the 13.8 volts, it is important to remember the two diodes in fact, for my part I put cell Li-Ion batteries inside
(3 cell 2800 mA / h) and a switch inverter to choose, or the load or external power from the input volts Jacq.
I never managed to empty the three cell battery pack that I built from a computer battery, which was partly defective,
this solution is interesting and free ... The photos are on the web site
The 3 BS170 not afraid to go out too 7 W CW fast.
I saw 8 W on mine before I take the necessary low pass filters on ... transistors are not grilled on dummy load 50 ohm 1 / 1.
but as they would be 13.8 volts is not with more volts, return HF, I think it would be fatal over 2 ROS;
73
jp F6DDV

----- Original Message -----
From: peter
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 03, 2012 3:42 PM
Subject: [pfr3_group] Re: Final test (Power output)

Rob,
With regard to running the PFR-3A using a 13.8v power supply, the instruction manual tells you to put two silicon rectifier diodes in series with the power supply when using this high voltage. This will limit the supply voltage to about 12.6v which should provide good lifetime for the finals. I don't think you get that same safety when adjusting the filter coils to reduce OUTPUT power using 13.8v. I use the diodes and run my PFR-3A from my computer UPS battery system (13.8v).

73,
Peter - KB1PBA

=====

--- In pfr3_group@yahoogroups.com, Roberto Salazar <ys1rs@...> wrote:
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>
>
> Rob.

>
>
>
> _____

3464. End fed?

Yahoo group: pfr3_group
Date: 2012-01-04 20:30:17 UTC
From: dwhite127
Topic: 3464 Message: 3464

Greetings,
I just found a "No Counterpoise Antenna System" antenna; it's just 50 ft. of lamp cord with one wire cut at the 25 ft. point; the 50 ft. wire is the "red" stub and the 25 ft. wire, the black stub. I suppose this is sort of an end fed Zepp. Here's my question, should the BLT on the pfr-3 be configured for a balance line, or end fed antenna?
73,
Dave KC2ICA

3465. Re: [pfr3_group] End fed?

Yahoo group: pfr3_group
Date: 2012-01-04 21:49:57 UTC
From: beargyrils@aol.com
Topic: 3464 Message: 3465

Ot goes direct to the rig since it has a tuner so use it as a balanced line.
BOB
AF2Q

In a message dated 1/4/2012 12:30:23 P.M. Pacific Standard Time, dwhite@... writes:

Greetings,
I just found a "No Counterpoise Antenna System" antenna; it's just 50 ft. of lamp cord with one wire cut at the 25 ft. point; the 50 ft. wire is the "red" stub and the 25 ft. wire, the black stub. I suppose this is sort of an end fed Zepp. Here's my question, should the BLT on the pfr-3 be configured for a balance line, or end fed antenna?
73,
Dave KC2ICA

3466. Re: [pfr3_group] End fed?

Yahoo group: pfr3_group
Date: 2012-01-04 21:51:58 UTC
From: Steve Smith
Topic: 3464 Message: 3466

I'd recommend trying "balanced" first. If that doesn't work then switch to end-fed.

That configuration is simply a random-length wire end-fed with a random-length feedline. The trick is that it is non-resonant on the bands of interest which should bring the impedance at the rig end of the feedline within the transformation range of typical ham antenna tuning units. If you have an RF impedance bridge or antenna analyser then you can determine what the actual impedance is on the band(s) of interest.

I'd recommend trying "balanced" first. If that doesn't work then switch to end-fed. You may also need to employ an RF return wire.

FWIW, a "Zepp" is always a half-wave antenna fed with an odd-mutliple of quarter-wavelength line. Anything else is not a "Zepp".

Best of luck with the project and let us know how it works out for you.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "dwhite127" <dwhite@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] End fed?
Date: Wed, 04 Jan 2012 20:30:17 -0000

Greetings,
I just found a "No Counterpoise Antenna System" antenna; it's just 50 ft. of lamp cord with one wire cut at the 25 ft. point; the 50 ft. wire is the "red" stub and the 25 ft. wire, the black stub. I suppose this is sort of an end fed Zepp. Here's my question, should the BLT on the pfr-3 be configured for a balance line, or end fed antenna?
73,
Dave KC2ICA

3467. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-05 10:37:49 UTC
From: Michael E. Califf,Sr
Topic: 3464 Message: 3467

yes this antenna is an EFZ (end fed zep) and was featured on www.WA0ITP.com website, is specifies that a BLT Tuners was used when he was using it. or that you could use a Balanced line tuners of your choice.
The BLT (now the BLT+) is available on www.qrpkits.com

Mecsr MikeSr AB7OC

3468. Re: [pfr3_group] Final test (Power output)

Yahoo group: pfr3_group
Date: 2012-01-05 14:48:53 UTC
From: Yasuyuki Tanaka
Topic: 3446 Message: 3468

Good evening gentlemen,

Appreciate all of your warm advice.
Dale, you are right. I wound 20 turns on L9 with remaining #30 wire and got 4.8W under supply voltage 12.05V.
Experimentally, I tried 21 turns, then got 5.8W.
Based on this result, I checked L11 for 30m band where I only got 4.5W. I removed L11, make it one turn less, meaning 14 turns (original 15 turns),
resulting the power output was reduced to 3.5W from 4.5W under supply voltage 12.05V.
This mean L11 coil also has same characteristic as L9. I believe 30m band also will be improved to around 5.5W if I wind 16 turns on L11 (never try). Now I need to choose the best way for 30m band, current situation (4.5W by 15T) or pushing up the power output (5.5W by 16T).

Regarding the lost #28 wire, thank you very much for your warm proposal, Dale.
But, it is OK because here is too far from your location and I will be able to buy it in Akihabara town in Tokyo, very famous and large shopping area for any electrical products from small parts to large gear including Ham radio (Of course!!).

Again, let me say thank you very very much, gentlemen.

Kind regards,

73 de 7n4rho (Yas)

From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Wednesday, 4 January 2012, 0:17
Subject: RE: [pfr3_group] Final test (Power output)

You may find that putting 20 turns on L9 may provide better tuning for you.. keep the same core. Yes you may use a different size wire...
if you can get 20 turns of #26 wire, that would work.. and yes, #30 will work too...
although I like to go larger if it fits on the core.
Good Luck,

oh.. can I send some #28 to you? Tell me your address, if you'd like?

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ptanaka_9v1by@yahoo.com.sg
Date: Tue, 3 Jan 2012 23:10:42 +0800
Subject: Re: [pfr3_group] Final test (Power output)

Good morning everyone,
Thank you for your kind advice, Rob and INK-san,
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I think supply voltage is not the reason.
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Yas (7n4rho)

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Sent: Tuesday, 3 January 2012, 12:55
Subject: Re: [pfr3_group] Final test (Power output)

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Had to adjust the coils to drop down to 5 watts.

Rob.

From: Inoue Kumekazu (JG3MVG) <jg3mvg@...>
To: pfr3_group@yahoogroups.com
Sent: Monday, January 2, 2012 6:10 PM
Subject: Re: [pfr3_group] Final test (Power output)

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JG3MVG

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>Hello, I wish everyone have A Happy New Year.
>I had completed group 5 and checked the power output, but could not satisfy the result because its value is 4.0W@40m, 4.5W@30m, 5.1W@20m under supply voltage 12V.
>Checking L8, it looks not bad about the number of turns and the evenness of each turns (I hope). Are there any other check points for solving lower output power? Or, do I have to accept my result as QRP transceiver?
>Any kind advice will be appreciated.
>
>Best regards,
>
>Yas (7n4rho)
>
>
>
>
>

3469. RE: [pfr3_group] Final test (Power output)

Yahoo group: pfr3_group
Date: 2012-01-05 14:53:47 UTC
From: Dale Putnam
Topic: 3446 Message: 3469

Good evening Yas,
If I were to choose, I'd add the turn to 30, to get the power up as much as possible, on all the bands...
Then reduce the supply voltage, to drop the power out, to your chosen level... thus reducing the final current,
and insuring longevity to the finals.
I run mine most of the time on 9v or less.
Have a great time with it,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ptanaka_9v1by@...
Date: Thu, 5 Jan 2012 22:48:53 +0800
Subject: Re: [pfr3_group] Final test (Power output)

Good evening gentlemen,
Appreciate all of your warm advice.Dale, you are right. I wound 20 turns on L9 with remaining #30 wire and got 4.8W under supply voltage 12.05V.Experimentally, I tried 21 turns, then got 5.8W.Based on this result, I checked L11 for 30m band where I only got 4.5W. I removed L11, make it one turn less, meaning 14 turns (original 15 turns),resulting the power output was reduced to 3.5W from 4.5W under supply voltage 12.05V. This mean L11 coil also has same characteristic as L9. I believe 30m band also will be improved to around 5.5W if I wind 16 turns on L11 (never try). Now I need to choose the best way for 30m band, current
situation (4.5W by 15T) or pushing up the power output (5.5W by 16T).
Regarding the lost #28 wire, thank you very much for your warm proposal, Dale.But, it is OK because here is too far from your location and I will be able to buy it in Akihabara town in Tokyo, very famous and large shopping area for any electrical products from small parts to large gear including Ham radio (Of course!!).
Again, let me say thank you very very much, gentlemen.
Kind regards,
73 de 7n4rho (Yas)
From: Dale Putnam <daleputnam@...>
To: pfr3_group@yahoogroups.com
Sent: Wednesday, 4 January 2012, 0:17
Subject: RE: [pfr3_group] Final test (Power output)

You may find that putting 20 turns on L9 may provide better tuning for you.. keep the same core. Yes you may use a different size wire...
if you can get 20 turns of #26 wire, that would work.. and yes, #30 will work too... although I like to go larger if it fits on the core.
Good Luck,

oh.. can I send some #28 to you? Tell me your address, if you'd like?

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ptanaka_9v1by@...
Date: Tue, 3 Jan 2012 23:10:42 +0800
Subject: Re: [pfr3_group] Final test (Power output)

Good morning everyone,Thank you for your kind advice, Rob and INK-san,I use my main rig's power supply adjusting its output voltage 12V from 13.8V, but it didn't get better.(Checking various supply voltage, it is found that the output power in 40m became 5.0W when one in 20m became 6.5W at supply voltage 13.63V.)I think supply voltage is not the reason.In the next step, I tried to peak and tweak L8 and L9 as much as possible, but nothing has changed.Then, I removed L8 and L9, checked wiring (wind the wire snug to the coil as much as I could), and then reinstalled, but again nothing has changed.Finally, I reduce one turn in L9 (became 18 turns from original 19 turns), but it got worse that the output
power in 40m dropped to 3.0W!!
from 4.0W, though the manual says "Having just one extra turn will reduce power output. Bad thing is that I cut off the wire accidentally and no more #28 wire with this kit.Here is a question, is there any problem if I use #30 wire instead of #28 for re-winding L9?And if anyone have any idea or advice, I will be happy to hear that.If not, I may have to accept the current situation and go on to the next stage (mounting) after rewinding L9.Will appreciate any kind help.Thank you in advance.
Best regards,
Yas (7n4rho)

From: Roberto Salazar
<ys1rs@...>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Tuesday, 3 January 2012, 12:55
Subject: Re: [pfr3_group] Final test (Power output)

In my case, tried everything with no luck. The problem was the power supply. It is rated 1.5 amps/12 Vdc but it was not providing enough. When transmitting the voltage drop to 8-9 Vdc.As soon as I tested using my main rig's big power supply (13.8 volts), I found the opposite. It was giving 7 watts in all bands.Had to adjust the coils to drop down to 5 watts.

Rob.
From: Inoue Kumekazu (JG3MVG)
<jg3mvg@jarl.com>
To: pfr3_group@yahoogroups.com
Sent: Monday, January 2, 2012 6:10 PM
Subject: Re: [pfr3_group] Final test (Power output)

Yas-san

I think 4.5W is short a little..

My PFR-3 is 5w at 40m, 5.5W at 30m and 6W at 20m by KURANISHI WD-201 watt meter.

Please check L9. L8 and L9 are 40m.

Basically our advice are,

1. Recoil

2. Re-solder

3. Re-measurement

Recoil, that coils are too small, we can not find any problem by eye, but recoiling is just a one way.

Re-solder, it is difficult to remove an enamel coat, please carefully remove it.

Re-measurement, someone use high power watt meter, so it can not show precisely.

I know your work are perfect, but that is just check point.

Have a nice day and sorry in poor English.

Kumekazu INOUE “INK”

JG3MVG

On 12.1.2 11:18 PM, "ptanaka_9v1by" <ptanaka_9v1by@yahoo.com.sg> wrote:

Hello, I wish everyone have A Happy New Year.

I had completed group 5 and checked the power output, but could not satisfy the result because its value is 4.0W@40m, 4.5W@30m, 5.1W@20m under supply voltage 12V.

Checking L8, it looks not bad about the number of turns and the evenness of each turns (I hope). Are there any other check points for solving lower output power? Or, do I have to accept my result as QRP transceiver?

Any kind advice will be appreciated.

Best regards,

Yas (7n4rho)

3470. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-05 15:38:05 UTC
From: sigcom1
Topic: 3464 Message: 3470

It is not a Zepp.

Even Terry WA0ITP states that in his article: "As is common knowledge, a true End Fed Zepp is a half wave radiator and a quarter wave balanced feedline."

He also states that "The No Counterpoise is a neat version of our old friend, the End Fed Zepp.." I don't agree with this either. If the radiator was twice the length of the feedline then it would be a version of the Zepp. It would be a true Zepp on 9.4 MHz.

The point I'm trying to make is that a Zepp has a specific description. Just because any antenna is end-fed with "balanced" line does not necessarily make it a Zepp.

In a weak attempt to keep this on topic, a Zepp would work fine on a PFR3. Since the impedance at the transmitter end would be near 50 Ohms, the PFR's built-in tuner would easily handle it and also make the transition from unbalanced to balanced feed.

73.......Steve Smith WB6TNL

--- In pfr3_group@yahoogroups.com, "Michael E. Califf,Sr" <mecsr@...> wrote:
>
> yes this antenna is an EFZ (end fed zep) and was featured on www.WA0ITP.com website, is specifies that a BLT Tuners was used when he was using it. or that you could use a Balanced line tuners of your choice.
> The BLT (now the BLT+) is available on www.qrpkits.com
>
> Mecsr MikeSr AB7OC
>

3471. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-05 20:07:35 UTC
From: beargyrils@aol.com
Topic: 3464 Message: 3471

Just hook a wire to it,lay out 1 counterpoise wire and tune it and make
some contacts
BOB
AF2Q

In a message dated 1/5/2012 7:38:11 A.M. Pacific Standard Time,
sigcom@... writes:

Even Terry WA0ITP states that in his article: "As is common knowledge, a
true End Fed Zepp is a half wave radiator and a quarter wave balanced
feedline."

He also states that "The No Counterpoise is a neat version of our old
friend, the End Fed Zepp.." I don't agree with this either. If the radiator was
twice the length of the feedline then it would be a version of the Zepp.
It would be a true Zepp on 9.4 MHz.

3472. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-05 22:08:21 UTC
From: sigcom1
Topic: 3464 Message: 3472

I agree. That's where a wire non-resonant on any of the bands of interest (40-30-20) comes in real handy. Yes, it requires an RF return wire but it is multi-band and the impedance will usually end up being within the built-in (BLT) tuner's adjustment range to transform to 50 Ohms. Plus it doesn't require a feedline. Erect it in almost any configuration, Sloper, V, Inv. L, Vertical, etc., screw it down to the binding posts, adjust the tuner and go to town.

73.......Steve Smith WB6TNL

--- In pfr3_group@yahoogroups.com, beargyrils@... wrote:
>
>
> Just hook a wire to it,lay out 1 counterpoise wire and tune it and make
> some contacts
> BOB
> AF2Q

3473. toroidal inductance testing

Yahoo group: pfr3_group
Date: 2012-01-06 11:44:37 UTC
From: baldreyt
Topic: 3473 Message: 3473

Good Morning to all. Is there any way of testing air core toroidal inductors with minimal test equipment available?

Tom VA6WP

3474. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-06 15:08:14 UTC
From: Ray Smith
Topic: 3464 Message: 3474

I agree with just the wire nothin fancy i am using the Lambda Wire method and tune up on all three bands definetly the kiss (keep it simple silly) method. ive made contact to the carolinas, Tx, Juarez mx and lots of locals. its a great concept and can be used anywhere even dropped down from a 4 story motel with counter poise tossed on the floor. its neater than buttered bread HI. gud luk es enjoy.
73
Ray Smith
KC0WMN

3475. Re: [pfr3_group] toroidal inductance testing

Yahoo group: pfr3_group
Date: 2012-01-06 19:26:05 UTC
From: Steve Smith
Topic: 3473 Message: 3475

A qualified "Yes". It depends upon your definition of "minimal test equipment available".

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "baldreyt" <baldreyt@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] toroidal inductance testing
Date: Fri, 06 Jan 2012 11:44:37 -0000

Good Morning to all. Is there any way of testing air core toroidal inductors with minimal test equipment available?

Tom VA6WP

3476. Re: toroidal inductance testing

Yahoo group: pfr3_group
Date: 2012-01-06 19:40:59 UTC
From: w1mt
Topic: 3473 Message: 3476

Use a tank circuit (LC circuit). Use a variable capacitor and find resonance then it's a simple matter to calculate the inductance once you measure the capacitance.

-mike/w1mt

--- In pfr3_group@yahoogroups.com, "baldreyt" <baldreyt@...> wrote:
Is there any way of testing air core toroidal inductors with minimal test equipment available?

3477. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-10 04:08:48 UTC
From: Just a dude
Topic: 3464 Message: 3477

And just what is the magic length of the End Fed Three Band Demon?
DRG

--- In pfr3_group@yahoogroups.com, "Ray Smith" <ray@...> wrote:
>
> I agree with just the wire nothin fancy i am using the Lambda Wire method and tune up on all three bands definetly the kiss (keep it simple silly) method. ive made contact to the carolinas, Tx, Juarez mx and lots of locals. its a great concept and can be used anywhere even dropped down from a 4 story motel with counter poise tossed on the floor. its neater than buttered bread HI. gud luk es enjoy.
> 73
> Ray Smith
> KC0WMN
>

3478. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-10 04:30:15 UTC
From: Bob AF2Q
Topic: 3464 Message: 3478

No name,no call. The answer you want others to search is all over the web Bob AF2Q
Former member of the 12 O'clock High Skydiving Team

-----Original Message-----
From: "Just a dude" <jhoonbee@...>
Sender: pfr3_group@yahoogroups.com
Date: Tue, 10 Jan 2012 04:08:48
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: End fed?

And just what is the magic length of the End Fed Three Band Demon?
DRG

--- In pfr3_group@yahoogroups.com, "Ray Smith" <ray@...> wrote:
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> Ray Smith
> KC0WMN
>

3479. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-10 15:08:14 UTC
From: lahagar1@aol.com
Topic: 3464 Message: 3479

DRG,

Great question! Here are a few portable antennas for PFR-3A that have worked for me:

1) Center-fed 50' horizontal doublet I used was simple, and it included MUCH more feed-line than I needed: I used 2 x 75 pc of insulated wire. Taped the wires together every foot or so to make a loose parallel wire feed line 50 ft long, and 2 x 25 ft legs to make the 50 ft doublet. The antenna can be either "horizontal", or in an "inverted-vee" if you like.

2) "Lambda" antenna, which is just an off-center-fed 34 feet on one side and 15 feet on the other side with a simple parallel wire feeder 10 ft long. This can be installed in a number of positions, but I used it in a "sloping" position. (Drawing of this antenna is on a YouTube video called ... "Lambda Antenna" *.)

3) One of the first portable antennas I used was a 34 ft insulated end fed wire (as vertical as possible) with 15 ft insulated counterpoise laying on the ground.

There is a video of each of these three antennas on www.YouTube.com/NG9D . And the internal tuner in the PFR will tune all three of these antennas on 40/30/20m. The tuner in some cases is very touchy and you may feel a bit like a "safe-cracker"!

4) Out of curiosity, I also used the 34 ft wire with no counterpoise and it also worked OK, but didn't make a video of that ... yet ;-)

I am not an expert, but in my opinion I think in terms of simplicity (light weight, small package) and effective performance (low angle radiation especially on 20m) I would say the 34 ft end fed wire positioned as vertical as possible with 15 ft counterpoise laying on the ground would be a good antenna to start with. Some may say longer wires are better, but for me in many temporary locations it is hard to get much more wire in a vertical or clear position and 34 ft is an easy length to work with.

Conversion factor -- divide by 3.281 to get length in meters. Also, the ARRL Antenna Book is a wonderful resource.

* PS - the Greek letter "Lambda" is often used in math formulas to represent one wavelength. But in the case of my "Lambda" antenna, I called it "Lambda" just because it can look like the letter itself. This is all just for fun of course and about any length of metal conductor can be configured to radiate RF energy. That's what keeps us all interested in this subject I guess.

Have fun!

73,

LYNN
NG9D

-----Original Message-----
From: Just a dude <jhoonbee@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Jan 9, 2012 10:08 pm
Subject: [pfr3_group] Re: End fed?

And just what is the magic length of the End Fed Three Band Demon?
DRG

--- In pfr3_group@yahoogroups.com, "Ray Smith" <ray@...> wrote:
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> 73
> Ray Smith
> KC0WMN
>

3480. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-11 04:03:07 UTC
From: Danny Goodrum
Topic: 3464 Message: 3480

Lynn thank you for the great information, unlike the chastising I received from Bob AF2Q for asking a question on this subject.

  I really appreciate this information, I have worked with several types on antenna's feed-lines for HF, but this is my first venture into the QRP spectrum, and QRP end fed antenna systems.

Oh, by the way I enjoyed the YouTube videos

Thanks again,
Danny
N5DRG

From: "lahagar1@..." <lahagar1@...>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 10, 2012 9:08 AM
Subject: Re: [pfr3_group] Re: End fed?

DRG,
Great question! Here are a few portable antennas for PFR-3A that have worked for me:
1) Center-fed 50' horizontal doublet I used was simple, and it included MUCH more feed-line than I needed: I used 2 x 75 pc of insulated wire. Taped the wires together every foot or so to make a loose parallel wire feed line 50 ft long, and 2 x 25 ft legs to make the 50 ft doublet. The antenna can be either "horizontal", or in an "inverted-vee" if you like.
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4) Out of curiosity, I also used the 34 ft wire with no counterpoise and it also worked OK, but didn't make a video of that ... yet ;-)
I am not an expert, but in my opinion I think in terms of simplicity (light weight, small package) and effective performance (low angle radiation especially on 20m) I would say the 34 ft end fed wire positioned as vertical as possible with 15 ft counterpoise laying on the ground would be a good antenna to start with. Some may say longer wires are better, but for me in many temporary locations it is hard to get much more wire in a vertical or clear position and 34 ft is an easy length to work with.

Conversion factor -- divide by 3.281 to get length in meters. Also, the ARRL Antenna Book is a wonderful resource.

* PS - the Greek letter "Lambda" is often used in math formulas to represent one wavelength. But in the case of my "Lambda" antenna, I called it "Lambda" just because it can look like the letter itself. This is all just for fun of course and about any length of metal conductor can be configured to radiate RF energy. That's what keeps us all interested in this subject I guess.

Have fun!

73,

LYNN
NG9D

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From: Just a dude <jhoonbee@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Jan 9, 2012 10:08 pm
Subject: [pfr3_group] Re: End fed?

And just what is the magic length of the End Fed Three Band Demon?
DRG

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> 73
> Ray Smith
> KC0WMN
>

3481. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-11 04:19:01 UTC
From: Bob AF2Q
Topic: 3464 Message: 3481

HEy Dan,it makes you feel so good to bash my on a list? Everything I learned I searched on my own and read books and still reading then search out additional information. Face reality. To bad I can't post your direct mail to me then others will know your bad side but the words you used just show what type of person you are. Bob AF2Q
Former member of the 12 O'clock High Skydiving Team

-----Original Message-----
From: Danny Goodrum <jhoonbee@yahoo.com>
Sender: pfr3_group@yahoogroups.com
Date: Tue, 10 Jan 2012 20:03:07
To: pfr3_group@yahoogroups.com<pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: End fed?

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Oh, by the way I enjoyed the YouTube videos

Thanks again,
Danny
N5DRG

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To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 10, 2012 9:08 AM
Subject: Re: [pfr3_group] Re: End fed?

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Sent: Mon, Jan 9, 2012 10:08 pm
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DRG

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> Ray Smith
> KC0WMN
>

3482. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-11 12:33:20 UTC
From: lahagar1@aol.com
Topic: 3464 Message: 3482

N5DRG DE NG9D - TNX DANNY - A LOT OF GUYS ALSO USE FULL EFHW ON 30M AND 40M TOO - 46FT OR 66 FT - GUD LUCK WITH PORT ANT PROJECT ES LET US KNOW WHAT U LEARN - VY FUN STUFF - 73 ES CU DE NG9D CL . .

-----Original Message-----
From: Danny Goodrum <jhoonbee@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Jan 10, 2012 10:03 pm
Subject: Re: [pfr3_group] Re: End fed?

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N5DRG

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To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 10, 2012 9:08 AM
Subject: Re: [pfr3_group] Re: End fed?

DRG,

Great question! Here are a few portable antennas for PFR-3A that have worked for me:

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2) "Lambda" antenna, which is just an off-center-fed 34 feet on one side and 15 feet on the other side with a simple parallel wire feeder 10 ft long. This can be installed in a number of positions, but I used it in a "sloping" position. (Drawing of this antenna is on a YouTube video called ... "Lambda Antenna" *.)

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4) Out of curiosity, I also used the 34 ft wire with no counterpoise and it also worked OK, but didn't make a video of that ... yet ;-)

I am not an expert, but in my opinion I think in terms of simplicity (light weight, small package) and effective performance (low angle radiation especially on 20m) I would say the 34 ft end fed wire positioned as vertical as possible with 15 ft counterpoise laying on the ground would be a good antenna to start with. Some may say longer wires are better, but for me in many temporary locations it is hard to get much more wire in a vertical or clear position and 34 ft is an easy length to work with.

Conversion factor -- divide by 3.281 to get length in meters. Also, the ARRL Antenna Book is a wonderful resource.

* PS - the Greek letter "Lambda" is often used in math formulas to represent one wavelength. But in the case of my "Lambda" antenna, I called it "Lambda" just because it can look like the letter itself. This is all just for fun of course and about any length of metal conductor can be configured to radiate RF energy. That's what keeps us all interested in this subject I guess.

Have fun!

73,

LYNN
NG9D

-----Original Message-----
From: Just a dude <jhoonbee@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Jan 9, 2012 10:08 pm
Subject: [pfr3_group] Re: End fed?

And just what is the magic length of the End Fed Three Band Demon?
DRG

--- In pfr3_group@yahoogroups.com, "Ray Smith" <ray@...> wrote:
>
> I agree with just the wire nothin fancy i am using the Lambda Wire method and tune up on all three bands definetly the kiss (keep it simple silly) method. ive made contact to the carolinas, Tx, Juarez mx and lots of locals. its a great concept and can be used anywhere even dropped down from a 4 story motel with counter poise tossed on the floor. its neater than buttered bread HI. gud luk es enjoy.
> 73
> Ray Smith
> KC0WMN
>

-----Original Message-----
From: Danny Goodrum <jhoonbee@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Jan 10, 2012 10:03 pm
Subject: Re: [pfr3_group] Re: End fed?

Lynn thank you for the great information, unlike the chastising I received from Bob AF2Q for asking a question on this subject.

I really appreciate this information, I have worked with several types on antenna's feed-lines for HF, but this is my first venture into the QRP spectrum, and QRP end fed antenna systems.

Oh, by the way I enjoyed the YouTube videos

Thanks again,
Danny
N5DRG

From: "lahagar1@..." <lahagar1@...>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 10, 2012 9:08 AM
Subject: Re: [pfr3_group] Re: End fed?

DRG,

Great question! Here are a few portable antennas for PFR-3A that have worked for me:

1) Center-fed 50' horizontal doublet I used was simple, and it included MUCH more feed-line than I needed: I used 2 x 75 pc of insulated wire. Taped the wires together every foot or so to make a loose parallel wire feed line 50 ft long, and 2 x 25 ft legs to make the 50 ft doublet. The antenna can be either "horizontal", or in an "inverted-vee" if you like.

2) "Lambda" antenna, which is just an off-center-fed 34 feet on one side and 15 feet on the other side with a simple parallel wire feeder 10 ft long. This can be installed in a number of positions, but I used it in a "sloping" position. (Drawing of this antenna is on a YouTube video called ... "Lambda Antenna" *.)

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Conversion factor -- divide by 3.281 to get length in meters. Also, the ARRL Antenna Book is a wonderful resource.

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Have fun!

73,

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NG9D

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> 73
> Ray Smith
> KC0WMN
>

3483. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-11 15:33:40 UTC
From: beargyrils@aol.com
Topic: 3464 Message: 3483

Randy,
Sorry you took my post to the extreme level and started trashing me via direct mail.
My writing skills are not the best.
The reason I asked to search is because you will find hams are using that end fed wire in so many different configurations so it is to much for me to type out.
However just a few different ways are a 65 foot vertical as can be,half vertical and the last half horizontal,sloper,or swing the top horizontal part around.
Also geographical locations determine what on will be best and many are using it as an inverted V fed from the end
---
Several times I asked about QRM and the answerers I received were not helpful with QRM so I searched all sorts of key words and close too 2 weeks later I found this site and the person even has an audio file.
My QRM here in this building now is always below an S-3.
Right now i'm looking for some old skinny cheap hi loss Radio Shack coax and trying different cores but it was my own searching that found that site.
http://www.quebecdx.com/noise.html (http://www.quebecdx.com/noise.html)
BOB
AF2Q

In a message dated 1/10/2012 8:19:24 P.M. Pacific Standard Time, beargyrils@... writes:

HEy Dan,it makes you feel so good to bash my on a list? Everything I learned I searched on my own and read books and still reading then search out additional information. Face reality. To bad I can't post your direct mail to me then others will know your bad side but the words you used just show what type of person you are. Bob AF2Q
Former member of the 12 O'clock High Skydiving Team

3484. 2nd Half - Fresh Start!!

Yahoo group: pfr3_group
Date: 2012-01-16 21:41:44 UTC
From: Dale Putnam
Topic: 3484 Message: 3484

N0UR and I will be your FOXii Tuesday evening, The 80M Foxes will operate within +/- 10Khz of 3.560 MHz." I will be using a K2, and one of three or four antennas, with the K2 at 5 watts. Jim will be 5 watts also.. but you can test our ears, with any power you want....as long as it isn't over 5 watts. (We have to drop Qs made with stations over 5 watts.... this is a qrp event).Now, the fun of all this comes in getting as many pelts (Qs) handed out as we can. And it also comes as a lot of fun in finding us... we will be hiding.. in the 80 acre woods...among the sage and brush.... and since it is a Winter hunt... with our white coats on... it will be hard to find us in the snow. But keep looking.. the Phat lady isn't paid to sing long.. just off key and the only thing she is really known for is not being early... or late, so stay with it, one never knows with these prop goddessess... just what will fancy their tickle. As they say.. and it has been said before.. and will again, ...
Y'ALL COME.... 0100z, Wednesday Morning... there.... and 7pm MT Tuesday evening here.
Y'hear? --... ...--
Dale - WC7S in Wy

3485. RE: [AT_Sprint] 2nd Half - Fresh Start!!

Yahoo group: pfr3_group
Date: 2012-01-16 23:21:39 UTC
From: Dale Putnam
Topic: 3485 Message: 3485

A couple of very sharp hounds... remind me that this is not daylight savings time... so be sure to find the foxii... at 0200z... or 7pm MT.... Tuesday PM... and if you want to check it all out.. look at http://www.qrpfoxhunt.org

--... ...--
Dale - WC7S in Wy

N0UR and I will be your FOXii Tuesday evening,
The 80M Foxes will operate within +/- 10Khz of 3.560
MHz."

I will be using a K2, and one of
three or four antennas, with the K2 at 5 watts. Jim will be 5 watts also.. but
you can test our ears, with any power you want....
as long as it isn't over
5 watts. (We have to drop Qs made with stations over 5 watts.... this is a qrp
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Now, the fun of all this comes in getting as many pelts (Qs) handed
out as we can. And it also comes as a lot of fun in finding us... we will be
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is a Winter hunt... with our white coats on... it will be hard to find us
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But keep looking.. the Phat lady isn't paid to sing
long.. just off key and the only thing she is really known for is not being
early... or late, so stay with it, one never knows with these prop
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As they say.. and
it has been said before.. and will again, ... Y'ALL COME....

0100z, Wednesday Morning... there.... and 7pm MT Tuesday evening
here.

Y'hear?

--... ...-- Dale
- WC7S in Wy

3486. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-23 15:16:39 UTC
From: n5drgdanny
Topic: 3464 Message: 3486

Lynn,
I made the doublet as you described on the last email and your YT video, But for some reason I could not get it to work.
The SWR LED would hardly dim on any of the three bands.

Here was my setup:
I have a 31' fiberglass pole (lightweight)like the one listed here
http://www.windpowersports.com/windsocks/windsock-poles.php

I took two sections of #124 THHN stranded wire taped them together from about a foot from one end to 50 down the line, then split them at that mark to 25' each side for the doublet. Now I did run the wire taped together along the ground for some length as it ws what I have to work with but at leat 30 feet of it was running vert. up the fiberglass pole.

Tried to load up 40m first, then 30, lastly 20, the BLT would not tune anywhere it would only slightly dim the swr led, I was very slow at the tuning process as I know it can be a wee bit touchy.
I used the Low Z, and the High Z settings to find the best match, but to no avail.

Now I was able to load up the EFHWA on all bands, so i feel that the BLT is working. I still need to purchase a ZM-2 for coaxial unbalance feed lines later. but thats another story I suppose.

Any suggestions?

Danny
N5DRG

--- In pfr3_group@yahoogroups.com, lahagar1@... wrote:
>
>
>
> N5DRG DE NG9D - TNX DANNY - A LOT OF GUYS ALSO USE FULL EFHW ON 30M AND 40M TOO - 46FT OR 66 FT - GUD LUCK WITH PORT ANT PROJECT ES LET US KNOW WHAT U LEARN - VY FUN STUFF - 73 ES CU DE NG9D CL . .
>
> -----Original Message-----
> From: Danny Goodrum <jhoonbee@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Tue, Jan 10, 2012 10:03 pm
> Subject: Re: [pfr3_group] Re: End fed?
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> Lynn thank you for the great information, unlike the chastising I received from Bob AF2Q

for asking a question on this subject.
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>
> I really appreciate this information, I have worked with several types on antenna's feed-lines for HF, but this is my first venture into the QRP spectrum, and QRP end fed antenna systems.
>
>
> Oh, by the way I enjoyed the YouTube videos
>
>
> Thanks again,
> Danny
> N5DRG
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> From: "lahagar1@..." <lahagar1@...>
> To: pfr3_group@yahoogroups.com
> Sent: Tuesday, January 10, 2012 9:08 AM
> Subject: Re: [pfr3_group] Re: End fed?
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>
>
> DRG,
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> Great question! Here are a few portable antennas for PFR-3A that have worked for me:
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> 1) Center-fed 50' horizontal doublet I used was simple, and it included MUCH more feed-line than I needed: I used 2 x 75 pc of insulated wire. Taped the wires together every foot or so to make a loose parallel wire feed line 50 ft long, and 2 x 25 ft legs to make the 50 ft doublet. The antenna can be either "horizontal", or in an "inverted-vee" if you like.
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> 2) "Lambda" antenna, which is just an off-center-fed 34 feet on one side and 15 feet on the other side with a simple parallel wire feeder 10 ft long. This can be installed in a number of positions, but I used it in a "sloping" position. (Drawing of this antenna is on a YouTube video called ... "Lambda Antenna" *.)
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> 3) One of the first portable antennas I used was a 34 ft insulated end fed wire (as vertical as possible) with 15 ft insulated counterpoise laying on the ground.
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> There is a video of each of these three antennas on www.YouTube.com/NG9D . And the internal tuner in the PFR will tune all three of these antennas on 40/30/20m. The tuner in some cases is very touchy and you may feel a bit like a "safe-cracker"!
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> 4) Out of curiosity, I also used the 34 ft wire with no counterpoise and it also worked OK, but didn't make a video of that ... yet ;-)

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>
>
> Conversion factor -- divide by 3.281 to get length in meters. Also, the ARRL Antenna Book is a wonderful resource.
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> Have fun!
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> NG9D
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> Sent: Tuesday, January 10, 2012 9:08 AM
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> NG9D
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> > Ray Smith
> > KC0WMN
> >
>

3487. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-23 15:35:02 UTC
From: Steve Smith
Topic: 3464 Message: 3487

Hi Danny,

It is likely that the close proximity to ground of part of your feedline is causing the problem. Find some way, even temporary, to get it away from the ground.

I'm curious why you believe that the BLT won't feed an unbalanced load? Both the BLT and ZM-2 are the same basic circuit (Z-Match) and both will drive unbalanced loads. The ZM-2 does have a somewhat wider frequency range and impedance transformation range. Actually, if I recall correctly, the BLT has a larger transformer core than the ZM-2 and might be a smidge more efficient.

Best of luck with your doublet. I'm sure you get it whipped soon.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "n5drgdanny" <jhoonbee@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: End fed?
Date: Mon, 23 Jan 2012 15:16:39 -0000

Lynn,
I made the doublet as you described on the last email and your YT video, But for some reason I could not get it to work.
The SWR LED would hardly dim on any of the three bands.

Now I was able to load up the EFHWA on all bands, so i feel that the BLT is working. I still need to purchase a ZM-2 for coaxial unbalance feed lines later. but thats another story I suppose.

Any suggestions?

Danny
N5DRG

3488. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-23 15:47:02 UTC
From: n5drgdanny
Topic: 3464 Message: 3488

Steve,
I was assuming that the BLT was for just that, I remember reading the instruction book, and it stated:

COAX / BLT SWITCH
S8 is used to switch between a direct coax connection to the BNC jack or the BLT (balanced line tuner). The Coax position is
of course used if you are using a resonate, coax feed antenna or an external tuner. The BLT position is used when the built in
tuner is desired and is normally used with ladder line feed antennas, but can also be used for end feed antennas or possibly
matching coax feed antennas which need a little tweaking.

I also tried using it to feed a G5RV Jr. on the three bands the G5RV Jr. was home brew using 300 ohm twin lead into a BNC Chassis connector then to RG-8X, the BLT in the coax switch did not seem have any affect on tuning the antenna. Am I doing something wrong?

So again I just thought it was for the balanced line or end fed, instead of a unblanede (Coaxial) fed antenna

Danny
N5DRG

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Danny,
>
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>
> Best of luck with your doublet. I'm sure you get it whipped soon.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "n5drgdanny" <jhoonbee@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: End fed?
> Date: Mon, 23 Jan 2012 15:16:39 -0000
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> Lynn,
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> Now I was able to load up the EFHWA on all bands, so i feel that the BLT is working. I still need to purchase a ZM-2 for coaxial unbalance feed lines later. but thats another story I suppose.
>
> Any suggestions?
>
> Danny
> N5DRG
>

3489. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-23 16:19:41 UTC
From: Ray Smith
Topic: 3464 Message: 3489

I am using the Lamda 44 feet to resonate, 25 feet counter poise using speaker wire (thickest gauge i could find) the two wires run together from the PFR-3 for ten feet at table top high, then 15 feet of the counter poise slopes to ground ive had success both times one keeping the end abt 1 foot off groung es two just tossing it on the ground, the 34 feet at the same point takes a 90 degree vertical turn up in a tree. Low Z used to tune 40 es 30 mtr Hi Z to tune 20 mtr wrks fb for me give a try.
gl es 73
Ray Smith
KC0WMN

3490. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-23 16:34:42 UTC
From: Steve Smith
Topic: 3464 Message: 3490

Danny,

The BLT is primarily, but not exclusively, designed to drive balanced feeds and non-resonant end-fed configurations.

If S9 is optioned to "BLT" and S11 (rear panel) is optioned toward the binding posts then the coaxial connector is connected to the output of the BLT. The statement " or possibly matching coax feed antennas which need a little tweaking" is correct and, except for emergency operation, I would never recommend that configuration for any condition where the antenna presents a high VSWR to a 50 Ohm, coaxial feedline. If the impedance presented to the coaxial cable is too far from 50 Ohms, you may be able to find a tuner configuration and adjustment which presents an indicated low SWR (LED dim) but the feedline losses will likely be excessive.

As to the G5RV Jr. problem, it could be many things. It could be that you are simply 'passing through' the low SWR settings by turning the knobs too fast. Are you peaking the receiver noise for max. first? Maybe there is an antenna system fault. Have you tried it with a different radio and/or tuner?

I'd need to know more how you have that antenna configured; height above ground, length of balanced and coaxial sections, proximity of the balanced feedline section to nearby objects, etc. in order to make a more educated guess :-).

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "n5drgdanny" <jhoonbee@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: End fed?
Date: Mon, 23 Jan 2012 15:47:02 -0000

Steve,

I was assuming that the BLT was for just that, I remember reading the instruction book, and it stated:

COAX / BLT SWITCH
S8 is used to switch between a direct coax connection to the BNC jack or the BLT (balanced line tuner). The Coax position is
of course used if you are using a resonate, coax feed antenna or an external tuner. The BLT position is used when the built in
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matching coax feed antennas which need a little tweaking.

I also tried using it to feed a G5RV Jr. on the three bands the G5RV Jr. was home brew using 300 ohm twin lead into a BNC Chassis connector then to RG-8X, the BLT in the coax

switch did not seem have any affect on tuning the antenna. Am I doing something wrong?

So again I just thought it was for the balanced line or end fed, instead of a unblanede (Coaxial) fed antenna

Danny
N5DRG

3491. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-23 16:40:24 UTC
From: Steve Smith
Topic: 3464 Message: 3491

Danny,

I forgot to mention that there could also be a fault in your BLT. Have you ever successfully used it on any particular antenna configuration (sorry if you already covered this and I missed it).

Also, not that it makes much difference, is your rig a PFR3 or PFR3A?

73.......Steve Smith WB6TNL

3492. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-23 18:12:30 UTC
From: n5drgdanny
Topic: 3464 Message: 3492

PFR-3

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Danny,
>
> I forgot to mention that there could also be a fault in your BLT. Have you ever successfully used it on any particular antenna configuration (sorry if you already covered this and I missed it).
>
> Also, not that it makes much difference, is your rig a PFR3 or PFR3A?
>
> 73.......Steve Smith WB6TNL
>

3493. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-23 18:19:36 UTC
From: n5drgdanny
Topic: 3464 Message: 3493

Steve,
I am not the original owner or builder of the kit, just trying to get it to work.
It does look like the BLT is working though.
I did go back in a remove the main board and make sure the enamel was off of the toroids leads as best as I could, there was some on there but not too much.
before that process I had trouble loading it up on anything but 40 meters.

Now it will load on the EFHWA on all three bands, still likes 40 best though.
I will try to elevate the doublet paired lines from the ground which might help... it couldn't hurt right?

On loading the G5RV up with another radio and or tuner... it worked without any issues.

Thanks,
Danny
N5DRG
--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Danny,
>
> I forgot to mention that there could also be a fault in your BLT. Have you ever successfully used it on any particular antenna configuration (sorry if you already covered this and I missed it).
>
> Also, not that it makes much difference, is your rig a PFR3 or PFR3A?
>
> 73.......Steve Smith WB6TNL
>

3494. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-23 19:07:09 UTC
From: Steve Smith
Topic: 3464 Message: 3494

Danny,

Well, that's progress!

The reason I asked about which version you have is that early on (PFR3 (no suffix) there was some confusion about how to connect the BLT transformer to the circuit board. As I recall, this was due to a PC board layout issue that could possibly lead to mis-wiring. I can't remember the details off the top of my head. Some searching might reveal those or maybe Dale will check in here on the subject.

Yes, getting the feedline clear of the earth will definitely help.

OK on the G5 Jr.. That pretty well rules out problems with that antenna.

73.......Steve Smith WB6TNL

3495. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-23 23:12:19 UTC
From: n5drgdanny
Topic: 3464 Message: 3495

Steve,
PC board layout issues.. well any help on that seeing how I didn't build the kit would be very helpful.
Thanks again
Danny

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Danny,
>
> Well, that's progress!
>
> The reason I asked about which version you have is that early on (PFR3 (no suffix) there was some confusion about how to connect the BLT transformer to the circuit board. As I recall, this was due to a PC board layout issue that could possibly lead to mis-wiring. I can't remember the details off the top of my head. Some searching might reveal those or maybe Dale will check in here on the subject.
>
> Yes, getting the feedline clear of the earth will definitely help.
>
> OK on the G5 Jr.. That pretty well rules out problems with that antenna.
>
> 73.......Steve Smith WB6TNL
>

3496. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-23 23:44:46 UTC
From: Steve Smith
Topic: 3464 Message: 3496

---------- Original Message ----------
From: "n5drgdanny" <jhoonbee@yahoo.com>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: End fed?
Date: Mon, 23 Jan 2012 23:12:19 -0000

Steve,
PC board layout issues.. well any help on that seeing how I didn't build the kit would be very helpful.
Thanks again
Danny

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Danny,
>
> Well, that's progress!
>
> The reason I asked about which version you have is that early on (PFR3 (no suffix) there was some confusion about how to connect the BLT transformer to the circuit board. As I recall, this was due to a PC board layout issue that could possibly lead to mis-wiring. I can't remember the details off the top of my head. Some searching might reveal those or maybe Dale will check in here on the subject.
>
> Yes, getting the feedline clear of the earth will definitely help.
>
> OK on the G5 Jr.. That pretty well rules out problems with that antenna.
>
> 73.......Steve Smith WB6TNL
>

Yahoo! Groups Links

3497. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-23 23:51:06 UTC
From: Steve Smith
Topic: 3464 Message: 3497

Danny,

I'd first try Dale's suggestion of using a 560 - 630 Ohm, non-inductive resistor as a load on each of the three bands If the BLT is transforming that impedance correctly (the LED goes out) then it is very likely that nothing is wrong with the BLT.

You're welcome. It is my pleasure to be able to help. That is what this Group is all about.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "n5drgdanny" <jhoonbee@yahoo.com>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: End fed?
Date: Mon, 23 Jan 2012 23:12:19 -0000

Steve,
PC board layout issues.. well any help on that seeing how I didn't build the kit would be very helpful.
Thanks again
Danny

3498. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-24 00:11:52 UTC
From: Steven Weber
Topic: 3464 Message: 3498

> PC board layout issues.. well any help on that seeing how I didn't build
> the kit would be very helpful.

The only "issue" was the hole layout didn't line up well with the wires on the toroid. Also, if you happen to have a very, very early PFR-3, we found there was too much inductance for it to tune on 20M. The number of turns on the primary side should be 11. The original instructions called for 16.

Steve KD1JV

3499. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-24 02:05:57 UTC
From: n5drgdanny
Topic: 3464 Message: 3499

Steve,
I believe the date on the silk screen reads 2009, would there be any other verb-age stating when or if its a very, very early version?

Thank you,
Danny
N5DRG

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> > PC board layout issues.. well any help on that seeing how I didn't build
> > the kit would be very helpful.
>
> The only "issue" was the hole layout didn't line up well with the wires on
> the toroid. Also, if you happen to have a very, very early PFR-3, we found
> there was too much inductance for it to tune on 20M. The number of turns on
> the primary side should be 11. The original instructions called for 16.
>
> Steve KD1JV
>

3500. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-24 02:24:26 UTC
From: Steven Weber
Topic: 3464 Message: 3500

> I believe the date on the silk screen reads 2009, would there be any other
> verb-age stating when or if its a very, very early version?
>
No, the fix only required changing a number in the instruction manual.
You'll have to open the box and count the turns.

Steve

3501. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-24 02:44:05 UTC
From: n5drgdanny
Topic: 3464 Message: 3501

Okay, well that's just what I will do then.
Thank you to all who put in their valued advice.
Danny
N5DRG

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> > I believe the date on the silk screen reads 2009, would there be any other
> > verb-age stating when or if its a very, very early version?
> >
> No, the fix only required changing a number in the instruction manual.
> You'll have to open the box and count the turns.
>
> Steve
>

3502. Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-26 00:01:35 UTC
From: kenneth_keese
Topic: 3464 Message: 3502

Thanks for the GREAT INFO, Steve. And, thanks, Danny for asking the questions! I didn't realize there had been a change. I bought my PFR-3 from Mr. Hendricks at Dayton in 2008. I've always thought I had done something wrong because my tuner didn't work exactly like I thought it should. Thanks to this forum, I saw the design enhancement. I made the change last night & I'm tickled that it works perfectly now! What a super fine kit!

73 to all.
Ken K5KGK

--- In pfr3_group@yahoogroups.com, "n5drgdanny" <jhoonbee@...> wrote:
>
> Okay, well that's just what I will do then.
> Thank you to all who put in their valued advice.
> Danny
> N5DRG
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
> >
> > > I believe the date on the silk screen reads 2009, would there be any other
> > > verb-age stating when or if its a very, very early version?
> > >
> > No, the fix only required changing a number in the instruction manual.
> > You'll have to open the box and count the turns.
> >
> > Steve
> >
>

3503. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-26 02:38:19 UTC
From: Steve Smith
Topic: 3464 Message: 3503

I would like to know why the winding is 11 turns in the PFR-3(no suffix) yet it is 12 turns in the PFR-3A. Not that 1 turn is going to make much difference. And also why a -2 toroid was chosen over a -6.

Just curious. As Chuck Adams would say, "Inquiring minds (etc.)"

My opinion of the PFR-3 is that it has the best bang/buck ratio of any QRP transceiver kit. Of course, other kit manufacturers may disagree and I'm preaching to the choir here :-).

73.......Steve Smith WB6TNL
"Snort Rosin"

---------- Original Message ----------
From: "kenneth_keese" <Kenneth_Keese@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: End fed?
Date: Thu, 26 Jan 2012 00:01:35 -0000

Thanks for the GREAT INFO, Steve. And, thanks, Danny for asking the questions! I didn't realize there had been a change. I bought my PFR-3 from Mr. Hendricks at Dayton in 2008. I've always thought I had done something wrong because my tuner didn't work exactly like I thought it should. Thanks to this forum, I saw the design enhancement. I made the change last night & I'm tickled that it works perfectly now! What a super fine kit!

73 to all.
Ken K5KGK

3504. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-26 03:32:34 UTC
From: Danny Goodrum
Topic: 3464 Message: 3504

Ken,
Yes this a great wealth if information group.
See ya at breakfast on Saturday...I buy coffee, one cup...everyone gets a straw.
Danny
N5DRG

From: kenneth_keese <Kenneth_Keese@...>
To: pfr3_group@yahoogroups.com
Sent: Wednesday, January 25, 2012 6:01 PM
Subject: [pfr3_group] Re: End fed?

Thanks for the GREAT INFO, Steve. And, thanks, Danny for asking the questions! I didn't realize there had been a change. I bought my PFR-3 from Mr. Hendricks at Dayton in 2008. I've always thought I had done something wrong because my tuner didn't work exactly like I thought it should. Thanks to this forum, I saw the design enhancement. I made the change last night & I'm tickled that it works perfectly now! What a super fine kit!

73 to all.
Ken K5KGK

--- In pfr3_group@yahoogroups.com, "n5drgdanny" <jhoonbee@...> wrote:
>
> Okay, well that's just what I will do then.
> Thank you to all who put in their valued advice.
> Danny
> N5DRG
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@> wrote:
> >
> > > I believe the date on the silk screen reads 2009, would there be any other
> > > verb-age stating when or if its a very, very early version?
> > >
> > No, the fix only required changing a number in the instruction manual.
> > You'll have to open the box and count the turns.
> >
> > Steve
> >
>

3505. Re: [pfr3_group] Re: End fed?

Yahoo group: pfr3_group
Date: 2012-01-26 04:52:52 UTC
From: Steven Weber
Topic: 3464 Message: 3505

>I would like to know why the winding is 11 turns in the PFR-3(no suffix)
>yet it is 12 turns in the PFR-3A. Not that 1 turn is going to make much
>difference. And also why a -2 toroid was chosen over a -6.

Because at some point I realized that you need 12 turns to have a truely symetrical center tap. Not that it probably matters much. And I think the inductance was a little marginal for 40M with 11 turns if the turns weren't all bunched up together.

Steve KD1JV

3506. ... using a small wire antenna supported by an avocado tree!

Yahoo group: pfr3_group
Date: 2012-01-31 00:56:45 UTC
From: lahagar1@aol.com
Topic: 3506 Message: 3506

YS1RS first contact using his new Hendricks PFR-3A QRP transceiver - San Salvador to Chicagoland ... using a small wire antenna supported by an avocado tree! Congratulations Rob!!

http://www.youtube.com/watch?v=vlzLoeCitkM&list=UURdA_pzS1kJ3LEr2qP9jPHw&index=1&feature=plcp

73,
Lynn
NG9D

3507. Re: ... using a small wire antenna supported by an avocado tree!

Yahoo group: pfr3_group
Date: 2012-02-03 01:47:36 UTC
From: Roberto
Topic: 3506 Message: 3507

I have uploaded a short video with pics of the PFR-3A building process.
I know, you have all gone through it in this group, but I posted it for those guys who would like to become hams and to show that you don't need to spend big money to have fun!

Here: http://youtu.be/5ltFu8qlP_U

Thanks Lynn for the QSO!

73,
Rob
YS1RS

--- In pfr3_group@yahoogroups.com, lahagar1@... wrote:
>
>
> YS1RS first contact using his new Hendricks PFR-3A QRP transceiver - San Salvador to Chicagoland ... using a small wire antenna supported by an avocado tree! Congratulations Rob!!
>
> http://www.youtube.com/watch?v=vlzLoeCitkM&list=UURdA_pzS1kJ3LEr2qP9jPHw&index=1&feature=plcp
>
> 73,
> Lynn
> NG9D
>

3508. encoder photos?

Yahoo group: pfr3_group
Date: 2012-02-05 02:07:00 UTC
From: Dale Putnam
Topic: 3508 Message: 3508

I had some photos of the encoder from Miroslav after installation into the PFR3. Lost 'em when the puter crashed.Does anyone have any they could share please?

--... ...--
Dale - WC7S in Wy

3509. Re: [pfr3_group] encoder photos?

Yahoo group: pfr3_group
Date: 2012-02-05 02:16:32 UTC
From: beargyrils@aol.com
Topic: 3508 Message: 3509

Dle,
I located 1 picture doing a serch.It has the same name and shown with a knob.
That was all I could find.
BOB
AF2Q
_http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html
_
(http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html)

In a message dated 2/4/2012 6:07:07 P.M. Pacific Standard Time,
daleputnam@... writes:

I had some photos of the encoder from Miroslav after installation into the PFR3. Lost 'em when the puter crashed.
Does anyone have any they could share please?

--... ...-- Dale - WC7S in Wy

3510. Re: [pfr3_group] encoder photos?

Yahoo group: pfr3_group
Date: 2012-02-05 02:21:24 UTC
From: beargyrils@aol.com
Topic: 3508 Message: 3510

That blog says ATS but it was the only site I found with that name.
It is used for the ATS so I assume it fits both of Steves designed rigs.
BOB
AF2Q

In a message dated 2/4/2012 6:07:07 P.M. Pacific Standard Time,
daleputnam@... writes:

I had some photos of the encoder from Miroslav after installation into the
PFR3. Lost 'em when the puter crashed.
Does anyone have any they could share please?

--... ...-- Dale - WC7S in Wy

3511. Str8 Key problems?

Yahoo group: pfr3_group
Date: 2012-02-05 14:33:44 UTC
From: James
Topic: 3511 Message: 3511

My PFR3 works great with the BabyBlackWidow, but when the straight key is used, it sounds like the contacts are dirty.

When this key is used with my SW80 or ICOM 746 is sounds fine.

(it is a cheapie and DOES NOT have silver contacts)

Anyone else notice this?

3512. RE: [pfr3_group] Str8 Key problems?

Yahoo group: pfr3_group
Date: 2012-02-05 16:38:02 UTC
From: Dale Putnam
Topic: 3511 Message: 3512

I may have seen that with a dirty set of contacts, and my instant reaction is to grab a clean piece of paper, and drag it through the contacts, holding just a bit of force against them.I've used just about any paper.. dollar bills, matchbook covers, envelope flaps (but watch out for the glue) a strip of sticky note, again watch for the glue, and once in a while, I get to usea piece of clean white paper, that shows a black streak on each side where the dirt came off. I suspect the PFR3 doesn't have a "de-bounce" circuit in it to take care of such correctable situations, where some of the other, larger radios do.
Have a great day,
--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: jecford@...
Date: Sun, 5 Feb 2012 14:33:44 +0000
Subject: [pfr3_group] Str8 Key problems?

My PFR3 works great with the BabyBlackWidow, but when the straight key is used, it sounds like the contacts are dirty.

When this key is used with my SW80 or ICOM 746 is sounds fine.

(it is a cheapie and DOES NOT have silver contacts)

Anyone else notice this?

3513. RE: [pfr3_group] Str8 Key problems?

Yahoo group: pfr3_group
Date: 2012-02-05 20:36:34 UTC
From: Paul Feltz
Topic: 3511 Message: 3513

I had the same issue with my PFR-3 with a "kit" key. Repeated cleaning of contacts only lasted so long. When I switched to a Kent Key the problem went away. I then noticed that that the PFR-3A has a bit different key input components. Thought of changing to these but ended up doing nothing since the Kent fixed the problem. The "kit" key worked fine on my other rigs so ended up selling it at a hamfest. The Kent is much heaver but I do not expect to do any back packing with the rig and key.

Paul
WA0VDM
Brush, CO

To: pfr3_group@yahoogroups.com
From: daleputnam@...
Date: Sun, 5 Feb 2012 09:38:02 -0700
Subject: RE: [pfr3_group] Str8 Key problems?

I may have seen that with a dirty set of contacts, and my instant reaction is to grab a clean piece of paper, and drag it through the contacts, holding just a bit of force against them.
I've used just about any paper.. dollar bills, matchbook covers, envelope flaps (but watch out for the glue) a strip of sticky note, again watch for the glue, and once in a while, I get to use
a piece of clean white paper, that shows a black streak on each side where the dirt came off.
I suspect the PFR3 doesn't have a "de-bounce" circuit in it to take care of such correctable situations, where some of the other, larger radios do.

Have a great day,
--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jecford@...
Date: Sun, 5 Feb 2012 14:33:44 +0000
Subject: [pfr3_group] Str8 Key problems?

My PFR3 works great with the BabyBlackWidow, but when the straight key is used, it sounds like the contacts are dirty.

When this key is used with my SW80 or ICOM 746 is sounds fine.

(it is a cheapie and DOES NOT have silver contacts)

Anyone else notice this?

3514. Re: [pfr3_group] Str8 Key problems?

Yahoo group: pfr3_group
Date: 2012-02-05 22:08:31 UTC
From: ckwishmeier@cs.com
Topic: 3511 Message: 3514

We Old Timers just get out a dollar bill and drag it through the contacts. It's just a bit of carbon build up. Granted that my Kent does not suffer from this ailment. But I like the little bolt on paddle sold by Hendricks a year or so ago. The arms are stainless steel strips and the contact is just a screw. Nice and light and an acceptable feel.

Ken
WA9S

-----Original Message-----
From: Paul Feltz <paulfeltz@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sun, Feb 5, 2012 3:36 pm
Subject: RE: [pfr3_group] Str8 Key problems?

I had the same issue with my PFR-3 with a "kit" key. Repeated cleaning of contacts only lasted so long. When I switched to a Kent Key the problem went away. I then noticed that that the PFR-3A has a bit different key input components. Thought of changing to these but ended up doing nothing since the Kent fixed the problem. The "kit" key worked fine on my other rigs so ended up selling it at a hamfest. The Kent is much heaver but I do not expect to do any back packing with the rig and key.

Paul
WA0VDM
Brush, CO

To: pfr3_group@yahoogroups.com
From: daleputnam@...
Date: Sun, 5 Feb 2012 09:38:02 -0700
Subject: RE: [pfr3_group] Str8 Key problems?

I may have seen that with a dirty set of contacts, and my instant reaction is to grab a clean piece of paper, and drag it through the contacts, holding just a bit of force against them.
I've used just about any paper.. dollar bills, matchbook covers, envelope flaps (but watch out for the glue) a strip of sticky note, again watch for the glue, and once in a while, I get to use
a piece of clean white paper, that shows a black streak on each side where the dirt came off.
I suspect the PFR3 doesn't have a "de-bounce" circuit in it to take care of such correctable situations, where some of the other, larger radios do.

Have a great day,
--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jecford@...
Date: Sun, 5 Feb 2012 14:33:44 +0000

Subject: [pfr3_group] Str8 Key problems?

My PFR3 works great with the BabyBlackWidow, but when the straight key is used, it sounds like the contacts are dirty.

When this key is used with my SW80 or ICOM 746 is sounds fine.

(it is a cheapie and DOES NOT have silver contacts)

Anyone else notice this?

3515. Opening second half

Yahoo group: pfr3_group
Date: 2012-02-06 13:56:52 UTC
From: Dale Putnam
Topic: 3515 Message: 3515

The Game Warden has graciously agreed to open the second half of the FoxHunt Season in the 80 acre woods.So tomorrow evening, which makes it at 0200z Wednesday, somewhere in the 80 acre woods (3560 +/- 10) you willmay find a pair of sly fox.. KZ5J and WC7S slinking around handing out pelts (Qs) to the deserving Hounds, (that would be you). We will attempt to find a clear spot, to howl at the moon, and we will be expecting answers as we announce.. usually up 1 or 2. Ok.. now.. seriously.. we have a lot of fun with these foxhunts and the fine details can be found easily onhttp://www.qrpfoxhunt.org/winter_rules.htm I will be using a K2, at 5 watts, with a switch selecting one of: a pair of verticals on a steel roof,a 90 ft center fed at 30 ft, or 3 - 360 foot center fed at 50 ft. 0200z Wed. on 3.560 +/- 10 or 7pm Mountain Time Tuesday evening Local time. Bring your best, and spread out a bit, Good luck, May the Prop goddessess smile on us all,

--... ..---
Dale - WC7S in Wy

3516. First pfr-3 QSO

Yahoo group: pfr3_group
Date: 2012-02-06 15:05:21 UTC
From: dwhite127
Topic: 3516 Message: 3516

My first ever pfr-3 qso was last week. What makes it noteworthy was that it was with another pfr-3. I was visiting Sarasota, Florida and took my newly acquired pfr-3 with me to a local park, tossed a wire over a tree branch, tuned up on 7030, called cq, and KJ4CIA came right back to me with a 559.

3517. RE: [AT_Sprint] Opening second half

Yahoo group: pfr3_group
Date: 2012-02-06 17:01:43 UTC
From: Dale Putnam
Topic: 3515 Message: 3517

You know... I am so red faced... I missed the sunrise... with the glow from ... ME!!I am close.. but no banana.. MY apologies.. just delay this announcement until Wed.. and change the date until Thursday evening.. I was one hunt too fast.
I gotta have at least one cup of coffee before sending ANY email out. The schedule shows N0IT and K9JWV up tomorrow evening.. after BOTH my eyes are open, and two cups of coffee.
--... ...--
Dale - WC7S in Wy

Date and time is right. Look for N0IT and K9JWV

0200z Wed. on 3.560 +/- 10 or 7pm Mountain Time Tuesday evening Local time.

3518. Second Half plus 3 weeks.

Yahoo group: pfr3_group
Date: 2012-02-08 18:27:02 UTC
From: Dale Putnam
Topic: 3515 Message: 3518

The Game Warden has graciously agreed to open the second half of the FoxHunt Season in the 80 acre woods (plus three weeks).
So tomorrow evening, which makes it at 0200z Friday, somewhere in the 40 acre woods (7040 +/- 10) you will
may find a pair of sly fox.. KZ5J and WC7S slinking around handing out pelts (Qs) to the deserving Hounds, (that would be you).
We will attempt to find a clear spot, to howl at the full moon, and we will be expecting answers as we announce.. usually up 1 or 2, or maybe down 1, 2, 3, 4, ... ??Listen well.. directions are to be expected. AND if there are no callers, no one being answered, insurance pelts are welcome.

Ok.. now.. seriously.. we have a lot of fun with these foxhunts and the fine details can be found easily on
http://www.qrpfoxhunt.org/winter_rules.htm

I will be using a K2, at 5 watts, with a switch selecting one of:
a pair of verticals on a steel roof,
a 90 ft center fed at 30 ft, or
3 - 360 foot center fed at 50 ft. The verticals or the long wires can be phased, so if the going gets tuff, and the answers are coming slow.. please call a couple times, but if the answers are fast, one call will do nicely.

0200z Wed. on 3.560 +/- 10 or 7pm Mountain Time Tuesday evening Local time.

Bring your best, and spread out a bit,
Good luck, May the Prop goddessess smile on us all,

--... ..---
Dale - WC7S in Wy

3519. 5 Dollar Antenna

Yahoo group: pfr3_group
Date: 2012-02-10 18:29:00 UTC
From: k6mgo@verizon.net
Topic: 3519 Message: 3519

Has anyone built WA0ITP's 5 Dollar Antenna, and if so, what kind of results have you had with it? Does it work on all three bands with the BLT in the PFR3A?
His website is:
http://www.wa0itp.com/antennas.html

Just wondering, as I remember reading about this antenna a few years ago, and it got a pretty good report.

73, Bill, k6mgo

3520. Re: [pfr3_group] 5 Dollar Antenna

Yahoo group: pfr3_group
Date: 2012-02-10 19:58:52 UTC
From: beargyrils@aol.com
Topic: 3519 Message: 3520

Hi Bill,
I have used that antenna for years.
You also cut a fill wave wire for each band.
The pfr3 tuner will tune it with no problem.
BOB
AF2Q

In a message dated 2/10/2012 10:29:13 A.M. Pacific Standard Time,
k6mgo@... writes:

Has anyone built WA0ITP's 5 Dollar Antenna, and if so, what kind of
results have you had with it? Does it work on all three bands with the BLT in the
PFR3A?
His website is:
http://www.wa0itp.com/antennas.html (http://www.wa0itp.com/antennas.html)

Just wondering, as I remember reading about this antenna a few years ago,
and it got a pretty good report.

73, Bill, k6mgo

3521. Re: [pfr3_group] 5 Dollar Antenna

Yahoo group: pfr3_group
Date: 2012-02-10 21:39:16 UTC
From: beargyrils@aol.com
Topic: 3519 Message: 3521

Sorry for the typo,
I wanted to say that you can cut a full half wave for each band.
The simple end fed wire is very efficient and about the cheapest antenna
on the market.
The longer 65 foot wire can be run as a sloper,an inverted V or an
inverted L and the pfr3 loads into the 65 foot wire with ease
BOB
AF2Q

The Nation that forgets it's defenders,will also soon be forgotten
http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/
(http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/)

3522. Re: [pfr3_group] 5 Dollar Antenna

Yahoo group: pfr3_group
Date: 2012-02-10 23:50:50 UTC
From: Steve Smith
Topic: 3519 Message: 3522

Hi Bill,

I've never tried one with a PFR-3 but there's no reason it shouldn't work as well as any antenna of equivalent length. Irregardless of what it's called, it is simply one of the many examples of antennas non-resonant on any band of interest. The 44' and 51' are two other examples.

The idea is to get the impedance at the rig end down to something that is within the ability of the tuner being used, in this case the PFR-3's built-in "BLT", to transform to 50 Ohms. That's what the "5 Minute - 5 Dollar Antenna" does.

You should be able to whip up one with almost any sort of wire; lamp cord, twin lead, 'ladder' line or even open-wire line if you are so inclined. Even twisted pair should work OK for the line section. With twin-lead or ladder line, the top 25' "unused" portion does not need to be stripped back. It can simply be joined to the radiator 25' back from the far end.

Best of luck should you decided to build one but most of all, have fun!

73.......Steve Smith WB6TNL
"Snort Rosin"

"Just say 'NO' to HTML and RTF emails!"

---------- Original Message ----------
From: "k6mgo@..." <k6mgo@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] 5 Dollar Antenna
Date: Fri, 10 Feb 2012 18:29:00 -0000

Has anyone built WA0ITP's 5 Dollar Antenna, and if so, what kind of results have you had with it? Does it work on all three bands with the BLT in the PFR3A?
His website is:
http://www.wa0itp.com/antennas.html

Just wondering, as I remember reading about this antenna a few years ago, and it got a pretty good report.

73, Bill, k6mgo

Yahoo! Groups Links

3523. O.T. Reverse Beacons

Yahoo group: pfr3_group
Date: 2012-02-15 23:50:06 UTC
From: k6mgo@verizon.net
Topic: 3523 Message: 3523

Hey guys, if you haven't played with Reverse Beacons yet, you're really missing out on a useful tool and fun time.

Here's how it works. You go to Reverse Beacons Net, on the Internet, go to DX Spots and do a search on your call letters, then send a 3X3 CQ call, and watch the stations that copy you "pop" up on the screen with the time/date, freq. signal report and call letters of the station that copied you. It's so cool.

I was sitting here, and dropped my power to 500 mw (on the K3) and with my indoor 50' doublet watched the stations report my signal. It is really useful, this gives you accurate picture of the prorogation not someone's "guess" as to how it is.

73, Bill, k6mgo

3524. Re: [pfr3_group] O.T. Reverse Beacons

Yahoo group: pfr3_group
Date: 2012-02-16 01:09:52 UTC
From: lahagar1@aol.com
Topic: 3523 Message: 3524

Bill,

Yes, the http://www.reversebeacon.net/ is a very interesting and useful tool. One more thing -- if you think the band is dead -- click the link "search spot by callsign" and enter your own call. Then start calling CQ ... It is a rapid way to check band conditions, or test new antenna radiation patterns. Of course the biggest bonus is when someone answers your CQ! But I have found that occasionally the reverse beacon will prove the bands are open, but lacking any CW signals!

Thanks Bill,

73,

Lynn

-----Original Message-----
From: k6mgo <k6mgo@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Feb 15, 2012 5:50 pm
Subject: [pfr3_group] O.T. Reverse Beacons

Hey guys, if you haven't played with Reverse Beacons yet, you're really missing out on a useful tool and fun time.

Here's how it works. You go to Reverse Beacons Net, on the Internet, go to DX Spots and do a search on your call letters, then send a 3X3 CQ call, and watch the stations that copy you "pop" up on the screen with the time/date, freq. signal report and call letters of the station that copied you. It's so cool.

I was sitting here, and dropped my power to 500 mw (on the K3) and with my indoor 50' doublet watched the stations report my signal. It is really useful, this gives you accurate picture of the prorogation not someone's "guess" as to how it is.

73, Bill, k6mgo

3525. RE: [pfr3_group] O.T. Reverse Beacons

Yahoo group: pfr3_group
Date: 2012-02-16 01:15:42 UTC
From: Jerry Haigwood
Topic: 3523 Message: 3525

Hey Bill,

I have tried the Reverse Beacon Net but have never seen myself show up on the list. I am guessing I work portions of the bands which are not scanned by the skimmers. Just a few minutes ago, I have QSO with WA1NSD and before that I threw out my call many times. Never showed up on the RBN. I was operating on 7.123.5 MHz and I am guessing that the skimmers are looking at stations further on down the band.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of k6mgo@...
Sent: Wednesday, February 15, 2012 5:50 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] O.T. Reverse Beacons

Hey guys, if you haven't played with Reverse Beacons yet, you're really missing out on a useful tool and fun time.

Here's how it works. You go to Reverse Beacons Net, on the Internet, go to DX Spots and do a search on your call letters, then send a 3X3 CQ call, and watch the stations that copy you "pop" up on the screen with the time/date, freq. signal report and call letters of the station that copied you. It's so cool.

I was sitting here, and dropped my power to 500 mw (on the K3) and with my indoor 50' doublet watched the stations report my signal. It is really useful, this gives you accurate picture of the prorogation not someone's "guess" as to how it is.

73, Bill, k6mgo

3526. The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-16 12:19:59 UTC
From: Petr
Topic: 3526 Message: 3526

Hi,

as Miroslav informed me last week although his famous Rotary encoder kit was retired already he is thinking about its comeback. He is still getting the orders and gathered enough requests for another batch of PCBs and ICs orders to complete the kits.

So my hint is to not wait and check the link here:

http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html

and here:

http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

... and order the Rotary Encoder kit for Your QRP jewel in good time.

73 - Petr, OK1RP

3527. Re: O.T. Reverse Beacons

Yahoo group: pfr3_group
Date: 2012-02-16 17:29:36 UTC
From: k6mgo@verizon.net
Topic: 3523 Message: 3527

Hi Jerry,

Never operate in that part of the band, so I didn't know that. I just ran a test, sent out 3-4 3X3 CQ's at 7.125 and didn't get any "hits", but dropped down to 7.065, and got 4 "hits". With the indoor antenna, WA7LNW in Washington UT, NC7J in Layton UT, N7TR in Reno NV and N6TV in San Jose CA all picked me up.

I usually operate in the QRP part of 40m 7.030 to 7.050.

Learn something new everyday.

73, Bill

--- In pfr3_group@yahoogroups.com, "Jerry Haigwood" <jerry@...> wrote:
>
> Hey Bill,
>
> I have tried the Reverse Beacon Net but have never seen myself show up
> on the list. I am guessing I work portions of the bands which are not
> scanned by the skimmers. Just a few minutes ago, I have QSO with WA1NSD and
> before that I threw out my call many times. Never showed up on the RBN. I
> was operating on 7.123.5 MHz and I am guessing that the skimmers are looking
> at stations further on down the band.
>
> Jerry W5JH

3528. Re: O.T. Reverse Beacons

Yahoo group: pfr3_group
Date: 2012-02-16 17:35:49 UTC
From: k6mgo@verizon.net
Topic: 3523 Message: 3528

Hi Lynn

That's what I use to spot myself on the Reverse Beacon Net. It's lists only your call, and not any others.

73, Bill

--- In pfr3_group@yahoogroups.com, lahagar1@... wrote:
>
>
> Bill,
>
> Yes, the http://www.reversebeacon.net/ is a very interesting and useful tool. One more thing -- if you think the band is dead -- click the link "search spot by callsign" and enter your own call. Then start calling CQ ...
>
>
> Thanks Bill,
>
> 73,
>
> Lynn

3529. Re: [pfr3_group] The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-16 18:36:37 UTC
From: Stacy Williams
Topic: 3526 Message: 3529

Hi Petyr

I was wondering, have these been actually used in the pfr3's? If there was somthing about the design i really felt uncomfortable with, it would be the tunning system.

Thanks for the advice.

Regards & 73
m0wsa
Stacy Williams
On Feb 16, 2012 12:20 PM, "Petr" <indians@...> wrote:

> **
>
>
> Hi,
>
> as Miroslav informed me last week although his famous Rotary encoder kit
> was retired already he is thinking about its comeback. He is still getting
> the orders and gathered enough requests for another batch of PCBs and ICs
> orders to complete the kits.
>
> So my hint is to not wait and check the link here:
>
> http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html
>
> and here:
>
> http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html
>
> ... and order the Rotary Encoder kit for Your QRP jewel in good time.
>
> 73 - Petr, OK1RP
>
>
>

3530. RE: [pfr3_group] The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-16 18:41:17 UTC
From: Dale Putnam
Topic: 3526 Message: 3530

Hi Stacy, Yes, I've installed a number of the encoders into the PFR-3 radios. The encoder has also been used on the AT series 3 radios. (different circuitry, same encoder, same original tuning) They are being used by a number of the fellows.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: slateblue69@...
Date: Thu, 16 Feb 2012 18:36:37 +0000
Subject: Re: [pfr3_group] The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Hi Petyr
I was wondering, have these been actually used in the pfr3's? If there was somthing about the design i really felt uncomfortable with, it would be the tunning system.
Thanks for the advice.
Regards & 73

m0wsa

Stacy Williams
On Feb 16, 2012 12:20 PM, "Petr" <indians@...> wrote:

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So my hint is to not wait and check the link here:

http://diy4fun.blogspot.com/2010/01/rotary-encoder-for-ats-transceiver.html

and here:

http://diy4fun.blogspot.com/2010/02/rotary-encoder-for-ats-assembly.html

... and order the Rotary Encoder kit for Your QRP jewel in good time.

73 - Petr, OK1RP

3531. Re: [pfr3_group] The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-16 19:55:20 UTC
From: Lee Mairs (SAG)
Topic: 3526 Message: 3531

How much is the rotary encoder? Seems like it would be perfect for my PFR-3.
73 de Lee
KM4YY
Romney, WV

On 2/16/2012 1:41 PM, Dale Putnam wrote:
>
>
> Hi Stacy,
> Yes, I've installed a number of the encoders into the PFR-3 radios. The
> encoder has also been used on the AT series 3 radios. (different
> circuitry, same encoder, same original tuning)
> They are being used by a number of the fellows.
>
>
> --... ...-- Dale - WC7S in Wy
>
> ---
> To: pfr3_group@yahoogroups.com
> From: slateblue69@...
> Date: Thu, 16 Feb 2012 18:36:37 +0000
> Subject: Re: [pfr3_group] The Rotary encoder kit for QRP radios (PFR-3,
> ATS etc. ...) - reloaded
>
> Hi Petyr
> I was wondering, have these been actually used in the pfr3's? If there
> was somthing about the design i really felt uncomfortable with, it would
> be the tunning system.
> Thanks for the advice.
> Regards & 73
> m0wsa
> Stacy Williams
>
> On Feb 16, 2012 12:20 PM, "Petr" <indians@...
> <mailto:indians@...>> wrote:
>
> Hi,
>
> as Miroslav informed me last week although his famous Rotary encoder
> kit was retired already he is thinking about its comeback. He is still
> getting the orders and gathered enough requests for another batch of
> PCBs and ICs orders to complete the kits.
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>
> ... and order the Rotary Encoder kit for Your QRP jewel in good time.
>
> 73 - Petr, OK1RP
>
>
>
>
>
>

3532. Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-16 21:04:00 UTC
From: k6mgo@verizon.net
Topic: 3526 Message: 3532

I'd be more interested in how you mount it to the PFR3 case and seeing pictures, if any are available?

I think the price is %25 USD plus $5 USD shipping, if I'm not mistaken.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Lee Mairs (SAG)" <lmairs@...> wrote:
>
> How much is the rotary encoder? Seems like it would be perfect for my PFR-3.
> 73 de Lee
> KM4YY
> Romney, WV
>

3533. RE: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-16 21:46:08 UTC
From: Dale Putnam
Topic: 3526 Message: 3533

The encoder mounts on the front panel, with the circuit board sandwiched between the radio main board and the front panel. The tuff part is making a hole for the leds of the encoder. They are a square with two triangles, one on each side to indicate direction. The encoder will allow you to "twist" or rotate the freq, just as fast but no faster than the buttons "push" the freq change. IF care is used during the build, and components are kept at minimal heighth, then no rearranging is necessary. However, many times it is necessary to rearrange the components on the radio board to either lay them down flat.. or very very carefully place them on the other side of the board, however, the care needed is to insure they don't get in the way of a battery pack.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Thu, 16 Feb 2012 21:04:00 +0000
Subject: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

I'd be more interested in how you mount it to the PFR3 case and seeing pictures, if any are available?

I think the price is %25 USD plus $5 USD shipping, if I'm not mistaken.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Lee Mairs (SAG)" <lmairs@...> wrote:

>

> How much is the rotary encoder? Seems like it would be perfect for my PFR-3.

> 73 de Lee

> KM4YY

> Romney, WV

>

3534. Re: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-17 01:30:33 UTC
From: ckwishmeier@cs.com
Topic: 3526 Message: 3534

Dale makes an excellent point. This encoder tunes at the same speed as the buttons. In my estimation the buttons are quite adequate. I just place my finger between the buttons and move it left or right. Works great. Over twenty countries so far with my PFR3A. Great field rig.

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Feb 16, 2012 4:46 pm
Subject: RE: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

The encoder mounts on the front panel, with the circuit board sandwiched between the radio main board and the front panel. The tuff part is making a hole for the leds of the encoder. They are a square with two triangles, one on each side to indicate direction. The encoder will allow you to "twist" or rotate the freq, just as fast but no faster than the buttons "push" the freq change.
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--... ...--Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@verizon.net
Date: Thu, 16 Feb 2012 21:04:00 +0000
Subject: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

I'd be more interested in how you mount it to the PFR3 case and seeing pictures, if any are available?

I think the price is %25 USD plus $5 USD shipping, if I'm not mistaken.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Lee Mairs (SAG)" <lmairs@...> wrote:
>
> How much is the rotary encoder? Seems like it would be perfect for my PFR-3.
> 73 de Lee
> KM4YY

> Romney, WV
>

3535. RE: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-17 02:04:58 UTC
From: Dale Putnam
Topic: 3526 Message: 3535

The encoder has a wonderful place, and it is great, without troubleand very useful. Just don't expect more from it that it can deliver.For those of us that have good dexterity.. and don't mind buttons.. it is a bit overkill.But for those that hate buttons, and don't have good dexterity.. this is the cat's meow!!

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Thu, 16 Feb 2012 20:30:33 -0500
Subject: Re: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Dale makes an excellent point. This encoder tunes at the same speed as the buttons. In my estimation the buttons are quite adequate. I just place my finger between the buttons and move it left or right. Works great. Over twenty countries so far with my PFR3A. Great field rig.

Keith

WA9S

-----Original Message-----

From: Dale Putnam <daleputnam@...>

To: pfr3_group <pfr3_group@yahoogroups.com>

Sent: Thu, Feb 16, 2012 4:46 pm

Subject: RE: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

The encoder mounts on the front panel, with the circuit board sandwiched between the radio main board and the front panel. The tuff part is making a hole for the leds of the encoder. They are a square with two triangles, one on each side to indicate direction. The encoder will allow you to "twist" or rotate the freq, just as fast but no faster than the buttons "push" the freq change.

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--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com

From: k6mgo@...

Date: Thu, 16 Feb 2012 21:04:00 +0000

Subject: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

I'd be more interested in how you mount it to the PFR3 case and seeing pictures, if any are available?

I think the price is %25 USD plus $5 USD shipping, if I'm not mistaken.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Lee Mairs (SAG)" <lmairs@...> wrote:

>

> How much is the rotary encoder? Seems like it would be perfect for my PFR-3.

> 73 de Lee

> KM4YY

> Romney, WV

>

3536. Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-17 17:30:41 UTC
From: k6mgo@verizon.net
Topic: 3526 Message: 3536

Yes, Dale, looks to me as overkill for my situation. I don't have a problem with the buttons.
What I would like to see, would be some kind of tuning indicator/signal strength indicator for guys like me with bad hearing. I'm never sure I'm tuned in correctly on someone, within a couple of clicks of the tuning buttons. I guess I'm spoiled by my K3 with the great tuning aids. But, then again, the pfr3 didn't cost what the K3 cost, did it? I love my little pfr3. The other day I worked NJ from CA with it to a 50' doublet strung up in my house.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> The encoder has a wonderful place, and it is great, without troubleand very useful. Just don't expect more from it that it can deliver.For those of us that have good dexterity.. and don't mind buttons.. it is a bit overkill.But for those that hate buttons, and don't have good dexterity.. this is the cat's meow!!
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: ckwishmeier@...
> Date: Thu, 16 Feb 2012 20:30:33 -0500
> Subject: Re: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

3537. RE: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-17 22:48:34 UTC
From: Jake, ON4YZ
Topic: 3526 Message: 3537

Hi Bill and all,

I've been experimenting with a very simple zero circuit based on a LM567 and it works great. The drawback is the current consummation at around 20 mA. You can, of course, built a manual or automatic switch-off feature to limit consummation as needed. I find it a bit boring. So I find on internet a radio ham (Swedish if I remember well) who mentioned a CMOS version of the IC. It's called LMC567. I just ordered the components and I'm about to make my first prototype to test. I'll build it on Veroboard and when correctly adjusted will be easy to reproduct.

To follow...

73 de Jake - ON4YZ

PS : This is kind of circuit that will find place on all my rigs. On the other hand, I also own 2 kits of rotary encoders (just in case of...). But I feel very comfortable with the tune-up buttons from both my PRF3A and my ATS3B. So didn't yet open the envelope containing the kits.

>Yes, Dale, looks to me as overkill for my situation. I don't have a problem with the buttons.
>What I would like to see, would be some kind of tuning indicator/signal strength indicator for guys like me with bad hearing. I'm never sure I'm tuned in correctly on someone, within a couple of clicks of the tuning buttons. I guess I'm <spoiled by my K3 with the great tuning aids. But, then again, the pfr3 didn't cost what the K3 cost, did it? I love my little pfr3. The other day I worked NJ from CA with it to a 50' doublet strung up in my house.

73, Bill, k6mgo

3538. RE: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-17 23:04:06 UTC
From: Jake, ON4YZ
Topic: 3526 Message: 3538

It's "zero beat circuit" of course. Part got stuck in keyboard, sorry...

Hi Bill and all,

I've been experimenting with a very simple zero circuit based on a LM567 and it works great. The drawback is the current consummation at around 20 mA. You can, of course, built a manual or automatic switch-off feature to limit consummation as needed. I find it a bit boring. So I find on internet a radio ham (Swedish if I remember well) who mentioned a CMOS version of the IC. It's called LMC567. I just ordered the components and I'm about to make my first prototype to test. I'll build it on Veroboard and when correctly adjusted will be easy to reproduct.

To follow...

73 de Jake - ON4 YZ

PS : This is kind of circuit that will find place on all my rigs. On the other hand, I also own 2 kits of rotary encoders (just in case of...). But I feel very comfortable with the tune-up buttons from both my PRF3A and my ATS3B. So didn't yet open the envelope containing the kits.

>Yes, Dale, looks to me as overkill for my situation. I don't have a problem with the buttons.
>What I would like to see, would be some kind of tuning indicator/signal strength indicator for guys like me with bad hearing. I'm never sure I'm tuned in correctly on someone, within a couple of clicks of the tuning buttons. I guess I'm >poiled by my K3 with the great tuning aids. But, then again, the pfr3 didn't c ost what the K3 cost, did it? I love my little pfr3. The other day I worked NJ from CA with it to a 50' doublet strung up in my house.
>73, Bill, k6mgo

3539. Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-18 00:20:30 UTC
From: Petr
Topic: 3526 Message: 3539

Hi all,

well I did not interrupted the discussion as Dale explained all details so nice...

Regarding the encoder itself its not about the ability to tune up/dwn faster but about the comfortable tuning thru band including the nice visibility of the tuning state, scanning etc.

If You would not like to hold the buttons and tune the PFR comfortably as same as big table radios then its suitable for You.

I am using it on my ATS-3A when I am at home and it improving the operation comfort a lot.

Good luck to all,

73 - Petr, OK1RP

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> The encoder has a wonderful place, and it is great, without troubleand very useful. Just don't expect more from it that it can deliver.For those of us that have good dexterity.. and don't mind buttons.. it is a bit overkill.But for those that hate buttons, and don't have good dexterity.. this is the cat's meow!!
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: ckwishmeier@...
> Date: Thu, 16 Feb 2012 20:30:33 -0500
> Subject: Re: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded
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> Keith
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> WA9S
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> -----Original Message-----
>
> From: Dale Putnam <daleputnam@...>
>
> To: pfr3_group <pfr3_group@yahoogroups.com>
>
> Sent: Thu, Feb 16, 2012 4:46 pm
>
> Subject: RE: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded
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> The encoder mounts on the front panel, with the circuit board sandwiched between the radio main board and the front panel. The tuff part is making a hole for the leds of the encoder. They are a square with two triangles, one on each side to indicate direction. The encoder will allow you to "twist" or rotate the freq, just as fast but no faster than the buttons "push" the freq change.
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> IF care is used during the build, and components are kept at minimal heighth, then no rearranging is necessary. However, many times it is necessary to rearrange the components on the radio board to either lay them down flat.. or very very carefully place them on the other side of the board, however, the care needed is to insure they don't get in the way of a battery pack.
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> --... ...--
> Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
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> From: k6mgo@...
>
> Date: Thu, 16 Feb 2012 21:04:00 +0000
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> Subject: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) -
reloaded
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> I'd be more interested in how you mount it to the PFR3 case and seeing pictures, if any are available?
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> I think the price is %25 USD plus $5 USD shipping, if I'm not mistaken.
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> 73, Bill, k6mgo
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> --- In pfr3_group@yahoogroups.com, "Lee Mairs (SAG)" <lmairs@> wrote:
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> > How much is the rotary encoder? Seems like it would be perfect for my PFR-3.
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> > 73 de Lee
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> > KM4YY
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> > Romney, WV
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3540. Re: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ....

Yahoo group: pfr3_group
Date: 2012-02-18 07:21:24 UTC
From: beargyrils@aol.com
Topic: 3540 Message: 3540

I been reading about this encoder.
My prf3 I got from Dale works silk smooth.
It isn't the KX3 but the guy 700 miles away doesn't know:-)
So far I had very good reports working stationary mobile with my Hustler antenna setup on my old station wagon.
I sure like to buy a kit and give it a shot but my eyes are no longer what they used to be back in the 90's when I just went off the air and built kits,starting with the OHR 100-A
Getting back to the pfr3,I like to use a small external speaker and Radio Shack has the small audio AMP unit.
Scroll down on this page and you'll see a small 1 watt audio amp kit.
I think that will fit in a small box that comes with a PICO keyer and I have an old non working HT here and that speaker will fit in the box and it's also very flat.
So that's going to be my next poject.
http://www.mtechnologies.com/rainbow/index.htm
(http://www.mtechnologies.com/rainbow/index.htm)
BOB
AF2Q

In a message dated 2/17/2012 3:04:20 P.M. Pacific Standard Time, jacques.matlet@... writes:

PS : This is kind of circuit that will find place on all my rigs. On the other hand, I also own 2 kits of rotary encoders (just in case of...). But I feel very comfortable with the tune-up buttons from both my PRF3A and my ATS3B. So didn’t yet open the envelope containing the kits.

3541. re: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded

Yahoo group: pfr3_group
Date: 2012-02-18 08:33:11 UTC
From: f6ddv
Topic: 3526 Message: 3541

Hi all
Is it possible to look a photo (inside and outside)... this Rotary encoder into pfr3a or vidéo ...
Many thanks
Jean paul F6DDV

> Message du 18/02/12 01:20
> De : "Petr"
> A : pfr3_group@yahoogroups.com
> Copie à :
> Objet : [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded
>
>

> Hi all,
>
> well I did not interrupted the discussion as Dale explained all details so nice...
>
> Regarding the encoder itself its not about the ability to tune up/dwn faster but about the comfortable tuning thru band including the nice visibility of the tuning state, scanning etc.
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> If You would not like to hold the buttons and tune the PFR comfortably as same as big table radios then its suitable for You.
>
> I am using it on my ATS-3A when I am at home and it improving the operation comfort a lot.
>
> Good luck to all,
>
> 73 - Petr, OK1RP
>
> --- In pfr3_group@yahoogroups.com, Dale Putnam wrote:
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> >
> > The encoder has a wonderful place, and it is great, without troubleand very useful. Just don't expect more from it that it can deliver.For those of us that have good dexterity.. and don't mind buttons.. it is a bit overkill.But for those that hate buttons, and don't have good dexterity.. this is the cat's meow!!
> >
> > --... ...--
> > Dale - WC7S in Wy
> > To: pfr3_group@yahoogroups.com

> > From: ckwishmeier@...
> > Date: Thu, 16 Feb 2012 20:30:33 -0500
> > Subject: Re: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded
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> > -----Original Message-----

> >
> > From: Dale Putnam
> >
> > To: pfr3_group

> >
> > Sent: Thu, Feb 16, 2012 4:46 pm
> >
> > Subject: RE: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc.
...) - reloaded
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> > Dale - WC7S in Wy
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> > To: pfr3_group@yahoogroups.com
> >
> > From: k6mgo@...
> >
> > Date: Thu, 16 Feb 2012 21:04:00 +0000
> >
> > Subject: [pfr3_group] Re: The Rotary encoder kit for QRP radios (PFR-3, ATS etc. ...) - reloaded
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3542. Housing freckling under Krylon clear coat

Yahoo group: pfr3_group
Date: 2012-02-20 15:25:22 UTC
From: Bradford
Topic: 3542 Message: 3542

It has been a week since I applied the decals on my PFR-3a housing and applied the Krylon satin finish clear coat over the decals. Now I am starting to see areas of freckling between the Krylon and the housing paint finish. I thought I had done a super job until now, things seem to be headed south!
I am not aware of any easy fix for this,I am afraid there was some contaminate left on the housing after I wiped it down. That being the case I think I will have to buy another housing cover and redo the whole decal / Krylon task again. What are others using to clean the housing without harming the paint finish??
I would gladly pay a little more for a silk screened housing like they had at first.
Anybody else have problems like this?? Any ideas on getting out of this mess or good cleaning procedures??
Tnx es 73 to all.
Brad N1VWD

3543. Re: Housing freckling under Krylon clear coat

Yahoo group: pfr3_group
Date: 2012-02-20 16:02:47 UTC
From: Michael
Topic: 3542 Message: 3543

I have built five different Hendricks kits and have not encountered that problem. I always wash the cabinet with alcohol prior to applying the decals. The powder coat finish is quite tough and will not be harmed by a quick wash. I think that washing in Dawn dish washing detergent would work quite well in lieu of alcohol.

I would not panic as you have two sets of decals. Remove the Krylon with a solvent like alcohol or whatever other solvent you might have and redo the job. It should not attack the powder coat if done fairly quickly. Alcohol will attach the Krylon quite quickly in my experience.

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "Bradford" <n1vwd@...> wrote:
>
> It has been a week since I applied the decals on my PFR-3a housing and applied the Krylon satin finish clear coat over the decals. Now I am starting to see areas of freckling between the Krylon and the housing paint finish. I thought I had done a super job until now, things seem to be headed south!
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> Anybody else have problems like this?? Any ideas on getting out of this mess or good cleaning procedures??
> Tnx es 73 to all.
> Brad N1VWD
>

3544. Re: [pfr3_group] Re: Housing freckling under Krylon clear coat

Yahoo group: pfr3_group
Date: 2012-02-20 18:37:35 UTC
From: Ray Smith
Topic: 3542 Message: 3544

I would entertain the idea of cleaning up the unit and re doing the job even if it called for a new coat of safety yellow keeping the cost down as opposed to a new case. shucks i might even choose a different color part of the magic of the build.
gud luk es 73
Ray
KC0WMN

3545. Re: Housing freckling under Krylon clear coat

Yahoo group: pfr3_group
Date: 2012-02-20 22:16:40 UTC
From: John Farmer
Topic: 3542 Message: 3545

Hi Brad,

I've had exactly the same experience with my PFR-3, built a few months ago. It started with freckling and then the decals lost their bond and have flaked off, either partially or completely, and the face of the rig now looks - well - a mess. I too used the Krylon spray and I first cleaned the housing with alcohol and let it dry, before applying the decals.

I re-did my decals twice. The first set of decals disintegrated while applying them, after only a few seconds contact with water. The replacement set went on OK, but have not lasted.

I'm not a novice decal user. And I've made several other of Doug's kits using decals and they've been OK. They've lasted a lot longer than this.

I'd happily pay for a silk-screened enclosure after this experience.

It's a pity that such a fine rig is let down by a poor detailing technique.

73 es GL!

John
VK7JB

--- In pfr3_group@yahoogroups.com, "Bradford" <n1vwd@...> wrote:
>
> It has been a week since I applied the decals on my PFR-3a housing and applied the Krylon satin finish clear coat over the decals. Now I am starting to see areas of freckling between the Krylon and the housing paint finish. I thought I had done a super job until now, things seem to be headed south!
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> Tnx es 73 to all.
> Brad N1VWD
>

3546. Re: [pfr3_group] Re: Housing freckling under Krylon clear coat

Yahoo group: pfr3_group
Date: 2012-02-21 18:13:06 UTC
From: f6ddv
Topic: 3542 Message: 3546

Hello all
I had some difficulties integrating the Decals
and then the varnish that I used was a coating for metal
the result is good on the photo you can see for pfr3 of F6DDV, but as we look closely we can see the thicknesses of Decals, I do not like my work ...
I think the turpentine can also go, but some are resistant varnish.
The most aggressive of the acetone will be, we must be careful and proceed by testing with little product.
It is still possible to repaint it with a car paint if it is a disaster ...
Good luck!
paul F6DDV
----- Original Message -----
From: Michael
To: pfr3_group@yahoogroups.com
Sent: Monday, February 20, 2012 5:02 PM
Subject: [pfr3_group] Re: Housing freckling under Krylon clear coat

I have built five different Hendricks kits and have not encountered that problem. I always wash the cabinet with alcohol prior to applying the decals. The powder coat finish is quite tough and will not be harmed by a quick wash. I think that washing in Dawn dish washing detergent would work quite well in lieu of alcohol.

I would not panic as you have two sets of decals. Remove the Krylon with a solvent like alcohol or whatever other solvent you might have and redo the job. It should not attack the powder coat if done fairly quickly. Alcohol will attach the Krylon quite quickly in my experience.

73 - Mike - K9JRI

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> Anybody else have problems like this?? Any ideas on getting out of this mess or good cleaning procedures??
> Tnx es 73 to all.
> Brad N1VWD
>

3547. Hacking the pfr3

Yahoo group: pfr3_group
Date: 2012-02-21 18:28:34 UTC
From: stacywilliams6908
Topic: 3547 Message: 3547

Hi all

Earlier today, I was looking at At5, or watever:-)

Has anyone, tried to squeeze any extra bands out of the pfr3?

Its, DDS so perhaps someone has tried, I would be really interested to know if its at all possible.

Regards & 73
m0wsa
Stacy Williams

3548. RE: [pfr3_group] Re: Housing freckling under Krylon clear coat

Yahoo group: pfr3_group
Date: 2012-02-21 18:50:57 UTC
From: Dale Putnam
Topic: 3542 Message: 3548

With a number of the first PFR3s accomplished, and a whole lot more of the decaled ones completed, many didn't stay here very long. I'd expect to hear from the owners if there were a problem. The few that did stay here, didn't exhibit that problem. However, I did like the painted case much better. The decals, for the most part, work well enough, however, there were some that were very thin.. and fragile. difficult to handle and very sensitive to any contaminate left on the panel. I too use alcohol to clean with, and I had to clean some of the cases with it a number of times to accomplish a clean surface. I used distilled water, to slide the decals with, and three to four coats of clear coat on top to finish... after a very thorough drying before the first coat was put on. This is a very good radio, very useful, and built for the trail.. or saddle bag. Hard to lose, and easy to use. I would like to have the option of ordering the silkscreen panel, IF that would be possible. I'm thinking that is just wishful thinking tho.

--... ...--
Dale - WC7S in Wy

3549. RE: [pfr3_group] Re: Housing freckling under Krylon clear coat

Yahoo group: pfr3_group
Date: 2012-02-21 19:47:51 UTC
From: Stacy Williams
Topic: 3542 Message: 3549

Hiya Dale

Clearly, you have a organic solvent/contaminant on your enclosure.
Possibly, picked up post production, check around your bench or work area.

Therefore, you really need to start again! Try tolurene/methy benzene to
degrease, before you start your preparation!

Has the enclosure been near any flux?

Good luck.

Regards & 73
m0wsa
Stacy Williams
On Feb 21, 2012 6:51 PM, "Dale Putnam" <daleputnam@...> wrote:

> **
>
>
> With a number of the first PFR3s accomplished, and a whole lot more of
> the decaled ones completed, many didn't stay here very long. I'd expect to
> hear from the owners if there were
> a problem. The few that did stay here, didn't exhibit that problem.
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> part, work well enough, however, there were some that were very thin.. and
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> --... ...-- Dale - WC7S in Wy
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3550. RE: [pfr3_group] Re: Housing freckling under Krylon clear coat

Yahoo group: pfr3_group
Date: 2012-02-21 19:58:27 UTC
From: Dale Putnam
Topic: 3542 Message: 3550

Hi Stacy, I haven't had any problem with the decales... freckles or flaking.. other than the ones that were just very fragile, straight out of the box. One could feel the difference in them, compared to the rest. Other than that.. no problem. And your comment about flux, is accurate, as is contaminants.. that was what I was pointing out too. Have a great day,
--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: slateblue69@gmail.com
Date: Tue, 21 Feb 2012 19:47:51 +0000
Subject: RE: [pfr3_group] Re: Housing freckling under Krylon clear coat

Hiya Dale
Clearly, you have a organic solvent/contaminant on your enclosure. Possibly, picked up post production, check around your bench or work area.
Therefore, you really need to start again! Try tolurene/methy benzene to degrease, before you start your preparation!
Has the enclosure been near any flux?
Good luck.
Regards & 73

m0wsa

Stacy Williams
On Feb 21, 2012 6:51 PM, "Dale Putnam" <daleputnam@...> wrote:

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--... ...--
Dale - WC7S in Wy

3551. Re: [pfr3_group] Hacking the pfr3

Yahoo group: pfr3_group
Date: 2012-02-21 20:41:18 UTC
From: Steven Weber
Topic: 3547 Message: 3551

It would NOT be possible to add additional bands, though it might be possible to make it work on a different band, provided it fell between 40 and 20 meters, which there are none.

>
> Earlier today, I was looking at At5, or watever:-)
>
> Has anyone, tried to squeeze any extra bands out of the pfr3?
>
> Its, DDS so perhaps someone has tried, I would be really interested to
> know if its at all possible.

3552. Re: [pfr3_group] Hacking the pfr3

Yahoo group: pfr3_group
Date: 2012-02-22 00:32:03 UTC
From: Stacy Williams
Topic: 3547 Message: 3552

Hiya Steve

Firstly, mine is crystal controlled I think, but all the parts are still in their bags. Please forgive me for that mistake.

You dont think a DDS vfo could be squeezed in there somewhere? It might be nice to have CW on the other bands too!

Just a thought:-) Probably a really silly one too.

Thank you for your reply.

Regards & 73
m0wsa
Stacy Williams
On Feb 21, 2012 8:41 PM, "Steven Weber" <steve.kd1jv@...> wrote:

> **
>
>
> It would NOT be possible to add additional bands, though it might be
> possible to make it work on a different band, provided it fell between 40
> and 20 meters, which there are none.
>
> >
> > Earlier today, I was looking at At5, or watever:-)
> >
> > Has anyone, tried to squeeze any extra bands out of the pfr3?
> >
> > Its, DDS so perhaps someone has tried, I would be really interested to
> > know if its at all possible.
>
>
>

3553. Re: [pfr3_group] Hacking the pfr3

Yahoo group: pfr3_group
Date: 2012-02-22 00:44:32 UTC
From: Stacy Williams
Topic: 3547 Message: 3553

Hiya Steve

Its seems, im putting my foot straight in it today! The DDS is allready on the PCB, fantastic.

How come it will not go upto 80 or down to 17, my favorite bands? Perahps, I should read-up'on the ADS9834 before making a fool of myself. Some times, my curiosity just gets the better of me and, of goes my mouth:-) Such is life.

Regards

Stacy
On Feb 22, 2012 12:32 AM, "Stacy Williams" <slateblue69@...> wrote:

3554. Re: [pfr3_group] Hacking the pfr3

Yahoo group: pfr3_group
Date: 2012-02-22 03:03:20 UTC
From: Steven Weber
Topic: 3547 Message: 3554

For size and cost reasons, it was decided the PFR-3 would only do the three most popular bands for portable use.
How come it will not go upto 80 or down to 17, my favorite bands? Perahps, I should read-up'on the ADS9834 before making a fool of myself. Some times, my curiosity just gets the better of me and, of goes my mouth:-) Such is life.

3555. Re: [pfr3_group] Hacking the pfr3

Yahoo group: pfr3_group
Date: 2012-02-22 13:12:29 UTC
From: Stacy Williams
Topic: 3547 Message: 3555

Hi Steve

Thanks for your kind reply.

Regards

Stacy
On Feb 22, 2012 3:03 AM, "Steven Weber" <steve.kd1jv@...> wrote:

> **
>
>
> **
> For size and cost reasons, it was decided the PFR-3 would only do the
> three most popular bands for portable use.
>
> How come it will not go upto 80 or down to 17, my favorite bands?
> Perahps, I should read-up'on the ADS9834 before making a fool of myself.
> Some times, my curiosity just gets the better of me and, of goes my
> mouth:-) Such is life.
>
>
>
>
>

3556. PFR-3A Tuner and RX Peak Question.

Yahoo group: pfr3_group
Date: 2012-02-23 04:12:10 UTC
From: Roberto
Topic: 3556 Message: 3556

To the PFR-3 group:
My PFR-3A works fine but, I have noted that when on 20 meters, the RX peak tunes almost at the far right side limit. On 30 meters, I get a good RX peak when it points to the 40 meters mark and at 40 it gets the best RX tuning when is almost at the far left.
I barely made it into both limits for 20 and 40.
Is that a correct behavior or am I the only one with that problem?

Please comment.

73 de Rob
YS1RS

3557. Re: [pfr3_group] PFR-3A Tuner and RX Peak Question.

Yahoo group: pfr3_group
Date: 2012-02-23 06:11:17 UTC
From: Steve Smith
Topic: 3556 Message: 3557

Hi Rob,

That is typical operation; 20 and 40 peak just at or near the limits of rotation.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Roberto" <ys1rs@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3A Tuner and RX Peak Question.
Date: Thu, 23 Feb 2012 04:12:10 -0000

To the PFR-3 group:
My PFR-3A works fine but, I have noted that when on 20 meters, the RX peak tunes almost at the far right side limit. On 30 meters, I get a good RX peak when it points to the 40 meters mark and at 40 it gets the best RX tuning when is almost at the far left.
I barely made it into both limits for 20 and 40.
Is that a correct behavior or am I the only one with that problem?

Please comment.

73 de Rob
YS1RS

Yahoo! Groups Links

3558. Re: [pfr3_group] PFR-3A Tuner and RX Peak Question.

Yahoo group: pfr3_group
Date: 2012-02-23 20:22:15 UTC
From: f6ddv
Topic: 3556 Message: 3558
Attachments: 1 described; binary payloads are missing from this source WARC

Good evening Roberto
I think the torroidal transformer T1 would be to check or redo, carefully check the number of towers
I have not had this problem on my pfr3
73
paul F6DDV

----- Original Message -----
From: Roberto
To: pfr3_group@yahoogroups.com
Sent: Thursday, February 23, 2012 5:12 AM
Subject: [pfr3_group] PFR-3A Tuner and RX Peak Question.

To the PFR-3 group:
My PFR-3A works fine but, I have noted that when on 20 meters, the RX peak tunes almost at the far right side limit. On 30 meters, I get a good RX peak when it points to the 40 meters mark and at 40 it gets the best RX tuning when is almost at the far left.
I barely made it into both limits for 20 and 40.
Is that a correct behavior or am I the only one with that problem?

Please comment.

73 de Rob
YS1RS

3559. Re: PFR-3A Tuner and RX Peak Question.

Yahoo group: pfr3_group
Date: 2012-02-23 21:31:21 UTC
From: Roberto
Topic: 3556 Message: 3559

OK Will re-check.
At the begining, I had one extra turn in everything, when I first built the radio. I had to unsolder ALL toroids and the trasformer (including T1 and the big tuner toroid) and, I re-coiled them with one LESS turn.
It now matches with the latest manual by counting the turns in the number of wires PASSING THROUGH THE CENTER of the toroids.

One more thing, just for the record... All 3 variable condensers are showing half moon as the manual recommends.

Will check again on T1.

What would the tendency be... if I have more turns on T1 or less turns on T1?

Rob.

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Good evening Roberto
> I think the torroidal transformer T1 would be to check or redo, carefully check the number of towers
> I have not had this problem on my pfr3
> 73
> paul F6DDV
>
>
> ----- Original Message -----
> From: Roberto
> To: pfr3_group@yahoogroups.com
> Sent: Thursday, February 23, 2012 5:12 AM
> Subject: [pfr3_group] PFR-3A Tuner and RX Peak Question.
>
>
>
> To the PFR-3 group:
> My PFR-3A works fine but, I have noted that when on 20 meters, the RX peak tunes almost at the far right side limit. On 30 meters, I get a good RX peak when it points to the 40 meters mark and at 40 it gets the best RX tuning when is almost at the far left.
> I barely made it into both limits for 20 and 40.
> Is that a correct behavior or am I the only one with that problem?
>
> Please comment.
>
> 73 de Rob
> YS1RS
>

3560. Re: PFR-3A Tuner and RX Peak Question.

Yahoo group: pfr3_group
Date: 2012-02-23 22:53:56 UTC
From: Thomas Whatley
Topic: 3556 Message: 3560

*Don't worry about it, just tune till it is the loudest and that is it.
KI4FD
*
--
*There ought to be one day - just one - when there is open season on
senators. ~Will Rogers*

3561. Re: PFR-3A Tuner and RX Peak Question.

Yahoo group: pfr3_group
Date: 2012-02-23 23:43:32 UTC
From: Roberto
Topic: 3556 Message: 3561

OK Guys.

Thanks for all.

Yes, it works but I was worried it tunes close to the limits.

Rob.

--- In pfr3_group@yahoogroups.com, Thomas Whatley <tbone1417@...> wrote:
>
> *Don't worry about it, just tune till it is the loudest and that is it.
> KI4FD
> *
> --
> *There ought to be one day - just one - when there is open season on
> senators. ~Will Rogers*
>

3562. Re: PFR-3A Tuner and RX Peak Question.

Yahoo group: pfr3_group
Date: 2012-02-23 23:57:55 UTC
From: k6mgo@verizon.net
Topic: 3556 Message: 3562

If the control have even just a few degrees of rotation past the peaks at each end, you're good to go. That's the way mine works.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Roberto" <ys1rs@...> wrote:
>
> OK Guys.
>
> Thanks for all.
>
> Yes, it works but I was worried it tunes close to the limits.
>
> Rob.
>
> --- In pfr3_group@yahoogroups.com, Thomas Whatley <tbone1417@> wrote:
> >
> > *Don't worry about it, just tune till it is the loudest and that is it.
> > KI4FD
> > *
> > --
> > *There ought to be one day - just one - when there is open season on
> > senators. ~Will Rogers*
> >
>

3563. Re: [pfr3_group] Re: PFR-3A Tuner and RX Peak Question.

Yahoo group: pfr3_group
Date: 2012-02-24 17:24:04 UTC
From: f6ddv
Topic: 3556 Message: 3563

Good evening Rob.
I think it is possible to count the turns of wire on the picture that I put as an attachment, be afraid that it can help you,
because the T1 is may be more difficult.
This is the T1 just before I welded on the circuit.
I made this way and trimming is near the edge of the peak for the RX band 20m, but it is up, no problem.
Do not be concerned if the peak is not well in front of figures of 3 bands, it works well the RX is very sensitive anyway it's not a problem.
73
F6DDV
----- Original Message -----
From: Roberto
To: pfr3_group@yahoogroups.com
Sent: Thursday, February 23, 2012 10:31 PM
Subject: [pfr3_group] Re: PFR-3A Tuner and RX Peak Question.

OK Will re-check.
At the begining, I had one extra turn in everything, when I first built the radio. I had to unsolder ALL toroids and the trasformer (including T1 and the big tuner toroid) and, I re-coiled them with one LESS turn.
It now matches with the latest manual by counting the turns in the number of wires PASSING THROUGH THE CENTER of the toroids.

One more thing, just for the record... All 3 variable condensers are showing half moon as the manual recommends.

Will check again on T1.

What would the tendency be... if I have more turns on T1 or less turns on T1?

Rob.

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Good evening Roberto
> I think the torroidal transformer T1 would be to check or redo, carefully check the number of towers
> I have not had this problem on my pfr3
> 73
> paul F6DDV
>
>
> ----- Original Message -----
> From: Roberto
> To: pfr3_group@yahoogroups.com

> Sent: Thursday, February 23, 2012 5:12 AM
> Subject: [pfr3_group] PFR-3A Tuner and RX Peak Question.
>
>
>
> To the PFR-3 group:
> My PFR-3A works fine but, I have noted that when on 20 meters, the RX peak tunes almost at the far right side limit. On 30 meters, I get a good RX peak when it points to the 40 meters mark and at 40 it gets the best RX tuning when is almost at the far left.
> I barely made it into both limits for 20 and 40.
> Is that a correct behavior or am I the only one with that problem?
>
> Please comment.
>
> 73 de Rob
> YS1RS
>

3564. A useful tool

Yahoo group: pfr3_group
Date: 2012-02-24 19:56:58 UTC
From: JohnK
Topic: 3564 Message: 3564

Of all the problems encountered in building various kits, I have found the most frustrating and irritating to be in the area of the tuned circuits. I have wound and re-wound countless toroids, soldering and unsoldering, adding and subtracting turns,(all the time trying not to wreck the PC board), just trying to get the proper value. These are usually fairly simple tuned circuits. The caps are pretty well marked for value, but getting the proper inductance values of the toroids can be a case of trial and error. I have found a very effective instrument to measure inductance put out by Almost All Digital Electronics. It is a simple, one evening kit for about $100. It measures capacitance and inductance, and appears to be quite accurate. If you know the formula for the frequency you are after, and the capacitance, this will tell you when your toroid is wound for the proper inductance. It is interesting to see the effect of variables such as number of turns, core and wire size, and whether the spacing makes a difference. All this can be measured and observed before you install the toroid. You can use a formula for the capacitance and inductance needed,or,even better, the required value of the inductance in the circuit could be provided by the designer. I have no connection to Almost All Digital Electronics, I just think they have a useful product that can save a lot of time and trouble. John, W7COI

3565. PFR3 FOR SALE

Yahoo group: pfr3_group
Date: 2012-02-27 22:21:28 UTC
From: beargyrils@aol.com
Topic: 3565 Message: 3565

Hello,
I'm selling my pfr3 for $235.000 shipped via USPS priority mail.
Reason i'm selling the rig is because I got involved in working the
Satellites and now needing different beams,low noise pre Amp,etc.
Mail me off list.
Thanks.
BOB
AF2Q

3566. Alternate Decal Installation

Yahoo group: pfr3_group
Date: 2012-02-29 21:43:26 UTC
From: kybarney
Topic: 3566 Message: 3566

I tried an alternative way of applying the decals. For me it works better, and thought I would share it with others. Here's what I did:
1. Spray the bare case with matte krylon and let dry.
2. Cut a piece of clear contact shelf paper, peel paper back off, and face adhesive side up on a desk.
3. Take entire decal sheet and soak in water for a few seconds.
4. Take decal from water and press firmly onto adhesive side of contact shelf paper to transfer decal. This is instead applying the decal to the PFR3 case.
5. Soak up excess water and peel back off decal.
6. Take another piece of contact paper and peel off paper back.
7. Press adhesive side down over decal.
8. The decal is now preserved between two pieces of clear laminated shelf paper and can be handled freely.
9. Cut laminated labels out to desired size.
10. Affix labels to PFR-3 case with 2-sided tape. I used photo safe tape so I could re-position the labels, if needed.
11. Once all the labels are in place. take the contact shelf paper and wrap both halves of the PFR-3 case.
12. You now have a laminated case, which encases laminated labels. I think

I finished mine this morning and it looks great, IMO. I will try to post photos if anyone is interested.

The contact shelf paper used is similar to this one:
http://housewares.hardwarestore.com/37-188-contact-papers/clear-contact-paper-101549.aspx

Thanks,
Kyle N9NJM

3567. FOX: Thursday Night 40M Fox Hunt

Yahoo group: pfr3_group
Date: 2012-03-07 13:58:22 UTC
From: Dale Putnam
Topic: 3567 Message: 3567

Here's a typical FOX announcement, and this one is for this coming Thursday evening. We're getting close to the end of the winter hunt season,Al and John are great FOXii ops, so grab the pelt, while you can.Good Luck to all,It's a fine day for a FOXHUNT, folks,

--... ...--
Dale - WC7S in Wyhttp://www.qrpfoxhunt.org

Hello all: I will be one of your QRP Foxes Thursday night, 0200-0330Z

(Friday UTC) somewhere between 7030 and 7050 kHz. Al, K2ZN, in NY will

be the other Fox. We will be running 5W, of course. I will be using a

coax fed half wave 40M dipole up about 50 feet and running north and

south, so it will favor east and west, but is a pretty good all over

antenna. I will start out split listening up and will indicate that by

sending "UP" at the end of the FOX call. When the pileup diminishes, I

will be listening on my own frequency and will stop sending "UP." I

will be giving "real" RST reports. Transceiver will be an FT1000MP

running at 5W as measured on the WM-2 QRP Watt Meter. My logging

computer is out so I will be logging on paper and that means I may be a

bit slower and will have to be very careful in transcription to a log

report that will be posted on the QRP Fox Hunt Reflector. I will be

able to use a memory keyer. Callers should be running 5W or less. I

hope you can all work both foxes Thursday, but know that closer in

stations may have trouble due to the skip usually found on 40M.

However, at about the same time in the ARS Spartan Sprint on 40M this

Monday night, I was able to work stations in AL, FL, and NC. Best

chance is at the beginning of the period, which is 0200 to 0330Z.

However, don't give up, as skip often shortens up toward the end of the

period. Exchange is RST, SPC, Name, and power and you can work only

the two Foxes.

73, John, K4BAI.

3568. Smoke test 1 passed

Yahoo group: pfr3_group
Date: 2012-03-07 23:08:44 UTC
From: Dwayne Geary
Topic: 3568 Message: 3568

I finialy have been able to do some more work on my little yellow box.
Had one small error on my part did not read the instructions fully
When is tells you to install resistors 16 to 23 it means all of them not
just R16 and R23 after adding the missing resistors smoke test #1 passed
unable to check the DDS no receiver this will be my only rig.

I found a great way to form the leads place the body of the resistor on
the inside of the case and then bend the lead down on the out side the
spaceing will be just right. One other tibit I pre wound all fo the
toroids and transformer before I started
I have read all your inputs and thanks for all the help

73 for now
Dwayne

3569. FOXHUNT 4 to go

Yahoo group: pfr3_group
Date: 2012-03-08 18:50:29 UTC
From: Dale Putnam
Topic: 3569 Message: 3569

Tonight, will mark the 4th hunt before the end of the regular season. Two of the FINE FOXii will be out and about, scampering through the 40 acre wood, hoping to hand out pelts to each of the hounds following. Are you planning to be one?KEZN, Al, in NY, and K4BAI, John, in GA, are the chosen pair. Please drop by, 7.040 +/- 10 khz, at 0100z to enjoy the last 40M hunt before daylight savings time starts this weekend, to share a fun time with fellow qrp hounds. Check it out on the webpage, http://www.qrpfoxhunt.orgbut basically you call the fox, the fox calls you, sends the exchange information, you send the fox your information, and so it goes.Yes, it is for 5 watt or less.. and you may even hear some one with an R10... that meaning 10mw.. measured output. Although tonight it may be a bit tuff, with the solar activity of late, it does promise to be an interesting hunt, with a full moon, and maybe even some northern lights making sighting of the FOXii even more exciting. Good luck to all, It is a Fine day for a FOXHUNT, you see. --... ..---

Dale - WC7S in Wy

3570. Re: [pfr3_group] FOXHUNT 4 to go

Yahoo group: pfr3_group
Date: 2012-03-08 21:35:02 UTC
From: Danny Goodrum
Topic: 3569 Message: 3570

Northern Lights.... hummm... dont get much of them here in EM10 aka Central Texas
EOM
de
N5DRG

From: Dale Putnam <daleputnam@...>
To: qrp-l@mailman.qth.net; AT Sprint <at_sprint@yahoogroups.com>; pfr3_group@yahoogroups.com; qfox@yahoogroups.com
Sent: Thursday, March 8, 2012 12:50 PM
Subject: [pfr3_group] FOXHUNT 4 to go

Tonight, will mark the 4th hunt before the end of the regular season. Two of the FINE FOXii will be out and about,
scampering through the 40 acre wood, hoping to hand out pelts to each of the hounds following. Are you planning to be one?
KEZN, Al, in NY, and K4BAI, John, in GA, are the chosen pair.
Please drop by, 7.040 +/- 10 khz, at 0100z to enjoy the last 40M hunt before daylight savings time starts this weekend, to share
a fun time with fellow qrp hounds.
Check it out on the webpage, http://www.qrpfoxhunt.org
but basically you call the fox, the fox calls you, sends the exchange information, you send the fox your information, and so it goes.
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Although tonight it may be a bit tuff, with the solar activity of late, it does promise to be an interesting hunt, with a full moon, and
maybe even some northern lights making sighting of the FOXii even more exciting.

Good luck to all,
It is a Fine day for a FOXHUNT, you see.

--... ..---
Dale - WC7S in Wy

3571. RE: [pfr3_group] FOXHUNT 4 to go

Yahoo group: pfr3_group
Date: 2012-03-08 21:51:34 UTC
From: Dale Putnam
Topic: 3569 Message: 3571

Yes, I understand, and we don't often see them here either.. but tonight might be the night... with the solar activity as it has been the last three days...it might be worth a look.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: jhoonbee@...
Date: Thu, 8 Mar 2012 13:35:02 -0800
Subject: Re: [pfr3_group] FOXHUNT 4 to go

Northern Lights.... hummm... dont get much of them here in EM10 aka Central Texas
EOM
de
N5DRG

From: Dale Putnam <daleputnam@...>
To: qrp-l@...; AT Sprint <at_sprint@yahoogroups.com>; pfr3_group@yahoogroups.com; qfox@yahoogroups.com
Sent: Thursday, March 8, 2012 12:50 PM
Subject: [pfr3_group] FOXHUNT 4 to go

Tonight, will mark the 4th hunt before the end of the regular season. Two of the FINE FOXii will be out and about,
scampering through the 40 acre wood, hoping to hand out pelts to each of the hounds following. Are you planning to be one?
KEZN, Al, in NY, and K4BAI, John, in GA, are the chosen pair.
Please drop by, 7.040 +/- 10 khz, at 0100z to enjoy the last 40M hunt before daylight savings time starts this weekend, to share
a fun time with fellow qrp hounds.
Check it out on the webpage, http://www.qrpfoxhunt.org
but basically you call the fox, the fox calls you, sends the exchange information, you send the fox your information, and so it goes.
Yes, it is for 5 watt or less.. and you may even hear some one with an R10... that meaning 10mw.. measured output.
Although tonight it may be a bit tuff, with the solar activity of late, it does promise to be an interesting hunt, with a full moon, and
maybe even
some northern lights making sighting of the FOXii even more exciting.

Good luck to all,
It is a Fine day for a FOXHUNT, you see.

--... ..---
Dale - WC7S in Wy

3572. decals - finish spray??

Yahoo group: pfr3_group
Date: 2012-03-11 09:08:30 UTC
From: Andreas
Topic: 3572 Message: 3572

Hello group.

First: Installing those decals was the most awefull work ever!
Increasing the prize a little and print it on the case would be a better solution - my opinion.

But that's not the problem: What finish spray did you use?
That Krylon is not available in Germany.
Is there a good alternative, especially to buy in DL?

What type of paint is it: acrylic or synthetic resin??

Thanks for reading - Good sunday.

Andy, DL1AKP

3573. Re: [pfr3_group] decals - finish spray??

Yahoo group: pfr3_group
Date: 2012-03-11 18:58:47 UTC
From: lahagar1@aol.com
Topic: 3572 Message: 3573

Hi Andy,

Früher habe ich Krylon Acrylc. Ich schlage vor, mit "Matte" (nicht glänzend) zu beenden, um die Blendung zu reduzieren. I used Krylon Acrylc. I suggest using "Matte" (not gloss) finish to reduce glare.

Hier ist ein Video mit Anwendung der Abziehbilder. Kit Käufer können Sie Interesse an diesem: Here is a video showing application of decals. Kit buyers may be interested in this:

http://www.youtube.com/watch?v=lFtlSPw7GZA

73,
Lynn
www.YouTube.com/NG9D

-----Original Message-----
From: Andreas <dl1akp@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sun, Mar 11, 2012 4:08 am
Subject: [pfr3_group] decals - finish spray??

Hello group.

First: Installing those decals was the most awefull work ever!
Increasing the prize a little and print it on the case would be a better solution - my opinion.

But that's not the problem: What finish spray did you use?
That Krylon is not available in Germany.
Is there a good alternative, especially to buy in DL?

What type of paint is it: acrylic or synthetic resin??

Thanks for reading - Good sunday.

Andy, DL1AKP

3574. RE: [pfr3_group] decals - finish spray??

Yahoo group: pfr3_group
Date: 2012-03-11 21:27:13 UTC
From: Jerry Haigwood
Topic: 3572 Message: 3574

Hi Andy,

Krylon clear is a clear Acrylic spray. You can probably find it under some other brand. Some of the art shops might stock clear acrylic spray.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Andreas
Sent: Sunday, March 11, 2012 4:09 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] decals - finish spray??

Hello group.

First: Installing those decals was the most awefull work ever!
Increasing the prize a little and print it on the case would be a better solution - my opinion.

But that's not the problem: What finish spray did you use?
That Krylon is not available in Germany.
Is there a good alternative, especially to buy in DL?

What type of paint is it: acrylic or synthetic resin??

Thanks for reading - Good sunday.

Andy, DL1AKP

3575. Pfr3 - TSA Friendly???

Yahoo group: pfr3_group
Date: 2012-03-11 22:40:57 UTC
From: n9lmv
Topic: 3575 Message: 3575

Hi all, I am new to the group so if this has already been discussed please accept my apologies. I am still in the research stage of things ad have not yet purchased a pfr3.

I travel a lot and would like to be able to bring a nice qrp rig for QSOs from the hotel. I often have to go through airport security with my overnight bag and was wondering if anyone has experience with the TSA and the pfr3? What about portable antennas?

73, Bill NC4WN

3576. RE: [pfr3_group] Pfr3 - TSA Friendly???

Yahoo group: pfr3_group
Date: 2012-03-12 00:31:45 UTC
From: Paul Feltz
Topic: 3575 Message: 3576

Bill:
I pack my PFR-3 in my suitcase with various antenna "stuff". Yup, they usually open it up and leave their calling card. I got a tip from this site some time back to leave copy of my FCC linsence on top. I have blown my up for easy reading and do just that with note "Attention TSA".

72, WA0VDM

Paul

To: pfr3_group@yahoogroups.com
From: bnasuti@...
Date: Sun, 11 Mar 2012 22:40:57 +0000
Subject: [pfr3_group] Pfr3 - TSA Friendly???

Hi all, I am new to the group so if this has already been discussed please accept my apologies. I am still in the research stage of things ad have not yet purchased a pfr3.

I travel a lot and would like to be able to bring a nice qrp rig for QSOs from the hotel. I often have to go through airport security with my overnight bag and was wondering if anyone has experience with the TSA and the pfr3? What about portable antennas?

73, Bill NC4WN

3577. FOX Results thru Hunt 34

Yahoo group: pfr3_group
Date: 2012-03-15 13:15:26 UTC
From: Dale Putnam
Topic: 3577 Message: 3577

Results through Hunt 34 are posted on the Web page: http://qrpfoxhunt.org They reflect the condtions on the bands, to say the least. There is drama and excitement as the finishing hunts come down to the wire, for one, the teams are getting a hard run on 80. Who's going to pull that one out of the hat? Then, how about the rights to Top Hound on 80 or 40? Or the TOP FOX on 80 or 40 ? Who is it going to be? Inquiring minds want to know. And if you don't want to miss the action, drop by tonight and see the action, first hand, on 40. With all the solar activity of late, it will be an exciting and invigorating time for all. And some of these Foxii.. are masters at the hunt.... I learn something new every time. Good luck to each, FOXii and Hounds, newcomers and experienced, y'all come, y'hear?

--... ...--
Dale - WC7S in Wy

3578. Rotary encoder for PFR-3 ready for shipping again

Yahoo group: pfr3_group
Date: 2012-03-16 12:05:05 UTC
From: Petr
Topic: 3578 Message: 3578

Hi,

this message arrived tonite from Miroslav,

Hello,

I would like to inform you that the kits of rotary encoders for are ready. The price remains the same 25 USD for one kit. The shipping cost is 5 USD for one kit, 6 USD for two kits and 7 USD for three wordwide. You can send the payment to my Paypal account diy4funatgmaildotcom ...

As same as the PFR-3 also all of the ATS series are compatible. The new MTR radio support is expected...

If you want to send the kit to different address than you have in your Paypal account, please let him know either in payment note nor in email.

So probably last batch of these kits is available now for these famous QRP partable radios.

73 - Petr, OK1RP

3579. Re: [pfr3_group] Rotary encoder for PFR-3 ready for shipping again

Yahoo group: pfr3_group
Date: 2012-03-19 16:59:10 UTC
From: f6ddv
Topic: 3578 Message: 3579

Good evening Petr
It is interesting
I see many examples, but perhaps this would be especially interesting is to see pictures of the mechanical
and electrical Rotary encoder for PFR-3 inside the pfr3, just as some show the assembly of this TX 3 yellow bands.
Maybe someone did the editing, and maybe I have not seen anything.
It is possible that I have not seen the good hyperlink to the right website.
73
paul F6DDV
==========
----- Original Message -----
From: Petr
To: pfr3_group@yahoogroups.com
Sent: Friday, March 16, 2012 1:05 PM
Subject: [pfr3_group] Rotary encoder for PFR-3 ready for shipping again

Hi,

this message arrived tonite from Miroslav,

Hello,

I would like to inform you that the kits of rotary encoders for are ready. The price remains the same 25 USD for one kit. The shipping cost is 5 USD for one kit, 6 USD for two kits and 7 USD for three wordwide. You can send the payment to my Paypal account diy4funatgmaildotcom ...

As same as the PFR-3 also all of the ATS series are compatible. The new MTR radio support is expected...

If you want to send the kit to different address than you have in your Paypal account, please let him know either in payment note nor in email.

So probably last batch of these kits is available now for these famous QRP partable radios.

73 - Petr, OK1RP

3580. FOX: 80 Meter Fox Hunt. 01:00 UTC 03/31/2012

Yahoo group: pfr3_group
Date: 2012-03-20 01:25:22 UTC
From: Dale Putnam
Topic: 3580 Message: 3580

I'm looking forward with anticipation to the last hunt of this, the 80m season, with N9AW, Jerry, and KI0II, Ron being the Pursued Foxii.. and a fine pair of FOXii they both are too. It is also noteable that this will be the last FOX outing for Jerry as a member of the Fox Committee, we will miss him in that capacity, he has been very tireless, and helpful, always striving to improve the FOXHUNTS. My best wishes to him as he continues with his professional approach in future challanges and endevors. And Best of Luck to Ron and Jerry, fine ops both, for a good hunt, with the start being with greyline overhead in parts of the country, it will prove to be a challange to grab a pelt, and interesting to watch the propagation princess as we recover from the past solar penominons... (fonenetically, right?) 80 is predicted to be fair in day and good at night.. and with that, prognostication... who can tell? See you in the hunt, and Good Luck to all and to all a Good Pelt!

--... ..---
Dale - WC7S in Wy
http://www.qrpfoxhunt.org

3581. FOX: KØZK FoxHunt Announcem ent for Th ursday nig ht

Yahoo group: pfr3_group
Date: 2012-03-22 13:05:50 UTC
From: Dale Putnam
Topic: 3581 Message: 3581

This one, and one next week, and the Game Warden will ring the bell to end the seasion.The two seasons this year have been split, the Warden already rang the bell on 80. Much to the consternation and in some cases agreement, 80M season is closed. And we have tonight and next Thursday to enjoy the FOXHUNTS... then the horn blows on 40 too. Good luck to all and to all a good hunt,

--... ..---
Dale - WC7S in Wyhttp://www.qrpfoxhunt.org

FoxHunt FoxHunt
FoxHunt FoxHunt Thursday night.
40 metres CW

0100 Z to 0230 Z on 23 MARCH 2012 somewhere between
7030. and 7050. kHz
you will be hearing KØZK calling, "CQ FOX DE KØZK
UP". I will be listening UP 0.5 to 2.0 kHz
above my transmit frequency at first. Later, I
will be listening ON my frequency. I will also
tune for RockMite-type rigs if and when permitting
towards 0200Z.
After you hear me acknowledge your call, you
send: your call, signal report, state, name, and power.
My return to you is, "559 ME ARN 5W"
I am located in South Western Maine in FN43nk on a dead
end dirt road, underground utilities. Battery power.
Elecraft K3 at 5 Watts to a ground plane on the roof of
a 2-story metal building fed with Andrews Heliax@.
Let's hope for a quieter evening than last week, lot's
o' fun, and remember, "....It's all fun and games until
someone gets an eye poked out".
*

* "A Christmas Story"
Jean Shepard,
K2ORS, SK

3582. fault tolerance of PFR-3?

Yahoo group: pfr3_group
Date: 2012-03-25 14:16:14 UTC
From: Andreas Nagel
Topic: 3582 Message: 3582

Hi there,

would be interesting to know how "fault-tolerante" the PA transistor oft he PFR-3 is.

I am now in the end part of getting the rig together (means only T3 has to be done and testing TX)

But what happens, if I send without antenna, short-circuit-Antenna, miss-tuned antenna??

Does anybody know? It's important, because on portable it can be easely something wrong in the setup.

Thanks a lot, 73 de Andy, DL1AKP

3583. binding post (BP) don't understand...

Yahoo group: pfr3_group
Date: 2012-03-25 16:44:59 UTC
From: Andreas
Topic: 3583 Message: 3583

Hello there,

I can english - but, well, for comunication and chatting it's fine.
But I don't understand what is the "binding post" and what is it for?
I shall install 2 wires 4,5" long in the binding posts. And what then?
What do I have to do with it?

Can someone explain - maybe even in german?
The kit is almost done - the only thing to finish is that T3.

Thanks, Andy, DL1AKP

3584. Re: [pfr3_group] binding post (BP) don't understand...

Yahoo group: pfr3_group
Date: 2012-03-25 17:13:06 UTC
From: Steve Smith
Topic: 3583 Message: 3584

Hello Andy,

The "binding posts" are the red and black terminals with plasitic bodies. They are used to connect wire antennas and balanced wire feed lines to the PFR3.

The ends of the wire opposite of the binding posts must be soldered to the pads on the PC board marked "BP"; one wire to each pad.

Best of luck with your PFR.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Andreas" <dl1akp@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] binding post (BP) don't understand...
Date: Sun, 25 Mar 2012 16:44:59 -0000

Hello there,

I can english - but, well, for comunication and chatting it's fine.
But I don't understand what is the "binding post" and what is it for?
I shall install 2 wires 4,5" long in the binding posts. And what then?
What do I have to do with it?

Can someone explain - maybe even in german?
The kit is almost done - the only thing to finish is that T3.

Thanks, Andy, DL1AKP

Yahoo! Groups Links

3585. Re: binding post (BP) don't understand...

Yahoo group: pfr3_group
Date: 2012-03-25 17:23:17 UTC
From: Andreas
Topic: 3583 Message: 3585

Hello Steve,

thank you very much!!! Now I understand!
The black and red terminals - that I do understand, HI.

Thanks a lot, work will go on now...
73 de Andy, DL1AKP

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hello Andy,
>
> The "binding posts" are the red and black terminals with plasitic bodies. They are used to connect wire antennas and balanced wire feed lines to the PFR3.
>
> The ends of the wire opposite of the binding posts must be soldered to the pads on the PC board marked "BP"; one wire to each pad.
>
> Best of luck with your PFR.
>
> 73.......Steve Smith WB6TNL
>
>
>
> ---------- Original Message ----------
> From: "Andreas" <dl1akp@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] binding post (BP) don't understand...
> Date: Sun, 25 Mar 2012 16:44:59 -0000
>
> Hello there,
>
> I can english - but, well, for comunication and chatting it's fine.
> But I don't understand what is the "binding post" and what is it for?
> I shall install 2 wires 4,5" long in the binding posts. And what then?
> What do I have to do with it?
>
> Can someone explain - maybe even in german?
> The kit is almost done - the only thing to finish is that T3.
>
> Thanks, Andy, DL1AKP
>
>
>
> ------------------------------------
>

> Yahoo! Groups Links
>

3586. Re: [pfr3_group] fault tolerance of PFR-3?

Yahoo group: pfr3_group
Date: 2012-03-26 02:39:09 UTC
From: Steven Weber
Topic: 3582 Message: 3586

You can transmit indefinately into an open. Very little current is drawn by the PA when there is no load. Short circuits can be tolerated for short periods of time.

The main problem is with highly reactive loads when operated at full power of 5 watts. This can cause the mosfets to exceed thier current rating.

But seeing that very few if any of the PA fet's have needed to be replaced in the several years these rigs have been in use, it appears that they are reasonably fault tollerant.

72, Steve KD1JV

would be interesting to know how "fault-tolerante" the PA transistor oft he PFR-3 is.
I am now in the end part of getting the rig together (means only T3 has to be done and testing TX)

But what happens, if I send without antenna, short-circuit-Antenna, miss-tuned antenna??

Does anybody know? It's important, because on portable it can be easely something wrong in the setup.

hanks a lot, 73 de Andy, DL1AKP

3587. Secure coils?

Yahoo group: pfr3_group
Date: 2012-03-27 17:59:25 UTC
From: Andreas Nagel
Topic: 3587 Message: 3587

Hello folks,

did you secure the toroid coils with some kind of glue? To keep them in place just in case of rapid movements or shacking of the yellow box?

Or maybe even put the pa-transistors in sockets for easy replacing? I am in the final testing now. Everything is fine until now.

Output power is about 5 watts, but not measured correctly. Will do in QRL next week.

Thanks for reading, and answering.

Andy, DL1AKP

3588. Re: [pfr3_group] Secure coils?

Yahoo group: pfr3_group
Date: 2012-03-27 19:54:48 UTC
From: Steven Weber
Topic: 3587 Message: 3588

If you secure the toroids, use something which can be removed, like a dab of hot glue.

I would not socket the PA FET's, that would be asking for trouble.

Steve KD1JV

did you secure the toroid coils with some kind of glue? To keep them in place just in case of rapid movements or shacking of the yellow box?

Or maybe even put the pa-transistors in sockets for easy replacing? I am in the final testing now. Everything is fine until now.

Output power is about 5 watts, but not measured correctly. Will do in QRL next week.

3589. Re: [pfr3_group] Secure coils?

Yahoo group: pfr3_group
Date: 2012-03-27 22:20:21 UTC
From: f6ddv
Topic: 3587 Message: 3589

Hello
You can put a drop of glue below the torus, it is useful, but only once you are sure everything is OK,
and that the power does not exceed 5 W of the 3 bands by moving the coils on tori.
Personally, I think BS170 are very robust, I would not put media in your place of transistors,
the contact resistance or a bad contact on mosfets can cause destruction if there is an imbalance.
73
F6DDV
----- Original Message -----
From: Andreas Nagel
To: pfr3_group@yahoogroups.com
Sent: Tuesday, March 27, 2012 7:59 PM
Subject: [pfr3_group] Secure coils?

Hello folks,

did you secure the toroid coils with some kind of glue? To keep them in place just in case of rapid movements or shacking of the yellow box?

Or maybe even put the pa-transistors in sockets for easy replacing? I am in the final testing now. Everything is fine until now.

Output power is about 5 watts, but not measured correctly. Will do in QRL next week.

Thanks for reading, and answering.

Andy, DL1AKP

3590. Re: [pfr3_group] fault tolerance of PFR-3?

Yahoo group: pfr3_group
Date: 2012-03-28 19:05:15 UTC
From: Lee Mairs (SAG)
Topic: 3582 Message: 3590

Steve -
I have tried my darnedest to tune for a dimming LED however slight, but thus far I can only get it to dim (slightly) on 20 meters. My antenna is a Carolina Windom 160 which according to my MFJ-259 with fresh batteries is almost resonant at :
Freq SWR Resistence
7.076 MHz 1.53:1 27 ohms
9.8 MHz 3:1 16 ohms
14.55MHz 1:1 36 ohms

I have one of those new QRPometers on order, but is there anything else that I might check first?

73 de Lee
KM4YY/8

On 3/25/2012 10:39 PM, Steven Weber wrote:
>
>
> You can transmit indefinately into an open. Very little current is drawn
> by the PA when there is no load. Short circuits can be tolerated for short
> periods of time.
> The main problem is with highly reactive loads when operated at full power
> of 5 watts. This can cause the mosfets to exceed thier current rating.
> But seeing that very few if any of the PA fet's have needed to be replaced
> in the several years these rigs have been in use, it appears that they are
> reasonably fault tollerant.
> 72, Steve KD1JV
> would be interesting to know how "fault-tolerante" the PA transistor oft
> he PFR-3 is.
>
> I am now in the end part of getting the rig together (means only T3
> has to be done and testing TX)
>
> But what happens, if I send without antenna, short-circuit-Antenna,
> miss-tuned antenna??
>
> Does anybody know? It's important, because on portable it can be
> easely something wrong in the setup...
>
> hanks a lot, 73 de Andy, DL1AKP
>
>
>
>

3591. FOX: 40 Meter Fox Hunt - Thursday

Yahoo group: pfr3_group
Date: 2012-03-29 15:23:17 UTC
From: Dale Putnam
Topic: 3591 Message: 3591

The Last regular scheduled FOXHUNT of this season, in the 40 acre wood, is being hosted by two very fine FOXii, WA4ILO and K9CW, fine operators/foxii.. (Thursday evening, 0100z, +/- 10 fm 7.040) and what a fine way to end the season, but to grab a pelt from each of them, in the 90 minute allowed to chase the fox. Check the rules: http://www.qrpfoxhunt.organd you can also find the results for the season so far. Now.. if the Game Warden sees fit, (is pleased with the turnout) the rumor is: There may be one more hunt.. in the combined forest, 80 and 40, with all the FOXii available to be chased. But the Warden has been very clear, if the turnout for this last hunt in the 40 acre wood isn't satisfactory..... My best wishes for a grand and fun hunt to each of the Fine Foxii and to each and every one of the hounds. It is a certainty, there will be pelts, to be had, and fun for all. Tis a fine day for a FOXHUNT!!

--... ...--
Dale - WC7S in Wy

--

3592. Re: fault tolerance of PFR-3?

Yahoo group: pfr3_group
Date: 2012-03-29 15:41:25 UTC
From: wb9dlc
Topic: 3582 Message: 3592

Hi Lee

I've had no luck using the built-in-tuner to tune an antenna attached to the BNC (coax) connector.

If you make an adapter so that you can hook your Carolina Windom up to the binding posts and then switch to BLT, I bet you can then tune it. I have no trouble tuning my dipole with that arrangement.

Please let us all know if that works out.

73 - Mike/WB9DLC
http://wb9dlc.com

--- In pfr3_group@yahoogroups.com, "Lee Mairs (SAG)" <lmairs@...> wrote:
>
> Steve -
> I have tried my darnedest to tune for a dimming LED however slight, but thus
> far I can only get it to dim (slightly) on 20 meters. My antenna is a
> Carolina Windom 160 which according to my MFJ-259 with fresh batteries is
> almost resonant at :
> Freq SWR Resistence
> 7.076 MHz 1.53:1 27 ohms
> 9.8 MHz 3:1 16 ohms
> 14.55MHz 1:1 36 ohms
>
> I have one of those new QRPometers on order, but is there anything else that
> I might check first?
>
> 73 de Lee
> KM4YY/8

3593. Old problem with straight key. Software upgrade?

Yahoo group: pfr3_group
Date: 2012-03-30 14:49:28 UTC
From: Roberto
Topic: 3593 Message: 3593

Hello guys.

My PFR-3A is not working fine with straight keys.
When I am keying, sometimes it lacks behind and it is annoying as you try to compensate and, next second it works fine screwing your sending up.
I assume this is a PFR-3A as I bought it directly from Hendricks back on December 2011 (3 to 4 months ago) so no software update should be required, but I am starting to believe I am wrong. The 28 pin DIP does not have any "yellow" dots or "red" dots on it though.

Well, I have read it in past messages and I have tried to fix it with normal end user solutions:
Turn on the PFR while pressing the CW Straight key down.
Using a stereo plug instead of a mono.

Working with paddles is wonderfully OK.

I have also noticed that when tuning up or down and you pass a CW conversation, you stop and go back to hear it, sometimes the radio seems not to understand the order and stops, then on the screen, shows the band ID (20, 30 or 40), the audio stops and the digits blink, just like it does when you change from one band to the other. So you have to release the up or down button you were using and press it again to continue tuning. Looks like it somehow resets. This behaviour is done randomly and is difficult to duplicate so I have not found the condition under this happens but only does it when tuning up or down and for a long time, just like you do when browsing the band looking for CQs. I mention this just in case is a known bug on the software. Software upgrade?

My questions:
-How do you make sure you have the latest software installed?
-Is there any other solution I have not tried apart from a software upgrade to fix the straight key problem?

Saludos
73 de Rob
YS1RS

3594. guage of wire for final wiring

Yahoo group: pfr3_group
Date: 2012-03-31 04:06:45 UTC
From: bill.mlaska
Topic: 3594 Message: 3594

What guage wire is preferred for the final wiring of the binding posts, switch and coax jack?

3595. Re: [pfr3_group] guage of wire for final wiring

Yahoo group: pfr3_group
Date: 2012-03-31 10:27:19 UTC
From: f6ddv
Topic: 3594 Message: 3595
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Bill
Everyone makes their own way
But, if I understand the question, I preferred to a coaxial cable near the housing and mass for the BNC output
73
jean-paul F6DDV
----- Original Message -----
From: bill.mlaska
To: pfr3_group@yahoogroups.com
Sent: Saturday, March 31, 2012 6:06 AM
Subject: [pfr3_group] guage of wire for final wiring

What guage wire is preferred for the final wiring of the binding posts, switch and coax jack?

3596. RE: [pfr3_group] guage of wire for final wiring

Yahoo group: pfr3_group
Date: 2012-03-31 14:58:21 UTC
From: Dale Putnam
Topic: 3594 Message: 3596

Much success with teflon covered 20 - 22 ga. works well. Care must be given to stripping teflon correctly tho, or it will stress and break quickly.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: mlaskan@...
Date: Sat, 31 Mar 2012 04:06:45 +0000
Subject: [pfr3_group] guage of wire for final wiring

What guage wire is preferred for the final wiring of the binding posts, switch and coax jack?

3597. Re: [pfr3_group] guage of wire for final wiring

Yahoo group: pfr3_group
Date: 2012-03-31 15:47:27 UTC
From: f6ddv
Topic: 3594 Message: 3597

It's true Dale
But that's okay, I stock of these pieces of cables,
and can be heated without being afraid, it does not melt ... H. I.
73
F6DDV
----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Saturday, March 31, 2012 4:58 PM
Subject: RE: [pfr3_group] guage of wire for final wiring

Much success with teflon covered 20 - 22 ga. works well. Care must be given to stripping teflon correctly tho, or it will stress and break quickly.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: mlaskan@...
Date: Sat, 31 Mar 2012 04:06:45 +0000
Subject: [pfr3_group] guage of wire for final wiring

What guage wire is preferred for the final wiring of the binding posts, switch and coax jack?

3598. FOX: FOXTRAVAGANZA!

Yahoo group: pfr3_group
Date: 2012-04-06 18:59:31 UTC
From: Dale Putnam
Topic: 3598 Message: 3598

The following was posted on another reflector, I didn't want anyone to miss out on the fun!!
So thank you for letting me cross post this.

Have a great day,
Dale - WC7S
http://www.qrpfoxhunt.org

Do you miss the Fox Hunts yet?

For a reminder of what it was like, tune in next Thursday evening for the

FOXTRAVAGANZA!, traditional celeabration of the recently concluded Fox Hunt

season.

The FOXTRAVAGANZA! will take place on Thursday April 12th, just like a normal

Fox Hunt, sort of. It will start and end at the usual local times (0100Z -

0230Z), and the Foxes will operate somewhere within 10KHz of the QRP frequency.

But get this-- ALL of the Foxes, the Alternates, and Committee members can

call CQ FOX, on either 40M or 80M or both. An hour and a half of furious fun,

with no rules as such....

The Foxes won't expect to work as many Hounds as in a normal hunt, but the

Hounds should expect to work a LOT more Foxes!

Good Luck! And may the Fox be with you.

73 DE ET, N1FN

3599. FOX - EXTRAVAGANZA TONIGHT

Yahoo group: pfr3_group
Date: 2012-04-12 13:04:23 UTC
From: Dale Putnam
Topic: 3599 Message: 3599

The FOXHUNT EXTRAVAGANZA has been authorized to open this evening, at 0100z for 90 minutes of the best fun around.Yes, it is qrp, we don't want to cause any undo qrm to anyone. In the 40 and 80 acre woods, 10 hectors (khz) either side of the center tree (marked with either 3.560 or 7.030 by the warden). The FOXii, (all of the FOX and alternate FOX this season) will be slinking around either of the woods, for the sake of handing out pelts, jumping between the two woods, so be very alert. When you spot one,give a shot, just remember, you may only use, #5 shot, or less, while swapping RST, State, Name, and power. The summer season, (in the 20 acre wood) will be authorized by the Game Wardens (Fox Committee) later. They feel that the FOX need to take a rest. (how much rest does a FOX really need?) Good Luck to all.. and to all a GOOD HUNT!! AND thank you, Colorado QRP Club, for all your support!!

--... ...--
Dale - WC7S in Wyhttp://www.qrpfoxhunt.org

3600. RE: [QRP-L] FOX - EXTRAVAGANZA TONIGHT

Yahoo group: pfr3_group
Date: 2012-04-12 13:59:14 UTC
From: Dale Putnam
Topic: 3599 Message: 3600

one slight adjustment.... center of the 40 acre wood is 7.040... NOT 7.030 for the purpose of this FOXHUNT!!

--... ...--
Dale - WC7S in Wy
> From: daleputnam@...
> To: qfox@yahoogroups.com; qrp-l@....net; cq-contest@...; at_sprint@yahoogroups.com; pfr3_group@yahoogroups.com; notify-dg-qrp-plus@yahoogroups.com
> Date: Thu, 12 Apr 2012 07:04:23 -0600
> Subject: [QRP-L] FOX - EXTRAVAGANZA TONIGHT
>
>
> The FOXHUNT EXTRAVAGANZA has been authorized to open this evening, at 0100z for 90 minutes of the best fun around.Yes, it is qrp, we don't want to cause any undo qrm to anyone. In the 40 and 80 acre woods, 10 hectors (khz) either side of the center tree (marked with either 3.560 or 7.030 by the warden). The FOXii, (all of the FOX and alternate FOX this season) will be slinking around either of the woods, for the sake of handing out pelts, jumping between the two woods, so be very alert. When you spot one,give a shot, just remember, you may only use, #5 shot, or less, while swapping RST, State, Name, and power. The summer season, (in the 20 acre wood) will be authorized by the Game Wardens (Fox Committee) later. They feel that the FOX need to take a rest. (how much rest does a FOX really need?) Good Luck to all.. and to all a GOOD HUNT!! AND thank you, Colorado QRP Club, for all your support!!
>
> --... ...--
> Dale - WC7S in Wyhttp://www.qrpfoxhunt.org
> _____
> QRP-L mailing list
> Home: http://mailman.qth.net/mailman/listinfo/qrp-l
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:QRP-L@...
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html

3601. Re: fault tolerance of PFR-3? (how to use Tuner with coax)

Yahoo group: pfr3_group
Date: 2012-04-18 16:44:37 UTC
From: wb8yyy_curt
Topic: 3582 Message: 3601

Lee

This thing is not intuitive, but indeed a useful coax tuner is lurking here. It is not obvious when not having the schematic to look at, and at first glance I certainly did not figure it out.

First there is the coax switch on the front panel (or top) of the rig. Coax position connects up rig directly to antenna via coax jack -- eliminating the tuner.

To use coax with the tuner -- one must have two switches in the correct setting. First, connect the front panel to BLT. However, still the circuit is incomplete -- unless the read panel switch is also in the correct position. This correct position for coax literally connects the black plug to ground, and the red one to the coax center contact. Labelling this back connector for 'bal' and 'coax' with a marker may help.

You should use a DVM to determine the back panel switch setting that gives the required connections, while figuring this out.

Looking at schematic, this back panel connector 'moves' the coax connector from direct connection to PA/Receiver to the other side of the manual tuner -- but note the front panel switch must be in BLT position to remove coax connector from the direct connection.

For those using a direct end-fed wire attachment -- another mode is involved. Here select the BLT position on front panel, and use the coax position on the back panel switch.

I really need to label my unit, because I forget also.

73 Curt

--- In pfr3_group@yahoogroups.com, "Lee Mairs (SAG)" <lmairs@...> wrote:
>
> Steve -
> I have tried my darnedest to tune for a dimming LED however slight, but thus
> far I can only get it to dim (slightly) on 20 meters. My antenna is a
> Carolina Windom 160 which according to my MFJ-259 with fresh batteries is
> almost resonant at :
> Freq SWR Resistence
> 7.076 MHz 1.53:1 27 ohms
> 9.8 MHz 3:1 16 ohms
> 14.55MHz 1:1 36 ohms
>
> I have one of those new QRPometers on order, but is there anything else that
> I might check first?
>
> 73 de Lee
> KM4YY/8
>

>
>
> On 3/25/2012 10:39 PM, Steven Weber wrote:
> >
> >
> > You can transmit indefinately into an open. Very little current is drawn
> > by the PA when there is no load. Short circuits can be tolerated for short
> > periods of time.
> > The main problem is with highly reactive loads when operated at full power
> > of 5 watts. This can cause the mosfets to exceed thier current rating.
> > But seeing that very few if any of the PA fet's have needed to be replaced
> > in the several years these rigs have been in use, it appears that they are
> > reasonably fault tollerant.
> > 72, Steve KD1JV
> > would be interesting to know how "fault-tolerante" the PA transistor oft
> > he PFR-3 is.
> >
> > I am now in the end part of getting the rig together (means only T3
> > has to be done and testing TX)
> >
> > But what happens, if I send without antenna, short-circuit-Antenna,
> > miss-tuned antenna??
> >
> > Does anybody know? It's important, because on portable it can be
> > easely something wrong in the setup...
> >
> > hanks a lot, 73 de Andy, DL1AKP
> >
> >
> >
> >
>

3602. Group 2 smoke test - works, sort of?

Yahoo group: pfr3_group
Date: 2012-04-27 01:25:52 UTC
From: billetter1
Topic: 3602 Message: 3602

I have gotten my new PFR3a to the Group 2 smoke test without letting any smoke out yet! But the results are not what I expected and I have a few questions:

1. I can receive some CW signals, but the receiver does not perform as well as the other receivers here in the shack - it doesn't hear very well. I have compared receiving across R1 with receiving at the end of C3 (not unsoldering the end of C3 and still using the ground of R1) and it does receive a little louder at C3. However there doesn't seem to be a huge difference to my ear between no antenna and then R1 and then C3, although the signals do get progressively stronger, just doesn't seem by much. Is there something that I can do to experiment a bit more with this to see if there is a problem and if so, where it is? I can peak the noise on 40M with C1/2 and it is peaked at the counter clockwise rotation of the capacitor.

2. I am a bit challenged at figuring out how to save the Reference frequency calibration. I am using a frequency meter and I can adjust the calibration to 10,000 KHZ - which is great fun. However, I am a bit thick when it comes to saving this. The manual seems to say save the adjustment by hitting the Keyer switch or skip the adjustment by hitting the Keyer switch. That seems to be the same to me, what am I not seeing? Then the manual also refers to the Menu switch. What is the difference between the Keyer switch and the Menu switch? I have been using s1 and it enters and moves through the calibration displays correctly as far as I can tell, but I have not been able to save anything so far.

Thanks for your patience and help with this.

Bill
AG4EA

3603. Re: [pfr3_group] Group 2 smoke test - works, sort of?

Yahoo group: pfr3_group
Date: 2012-04-27 02:23:17 UTC
From: Steven Weber
Topic: 3602 Message: 3603

1. Signals will be weak until you get everything else built and a real antenna connected.
2. "keyer" and "menu" mean the same switch.

>The manual seems to say save the adjustment by hitting the Keyer switch or
>skip the adjustment by hitting the Keyer switch. That seems to be the same
>to me, what am I not seeing?

If you do not make an adjustment to the frequency, clicking the keyer switch will simply store the default value back into memory, which is the value it started out with. If you adjusted the frequency to 10.000,000 MHz, the new value will be stored.

If you re-enter the calibration mode, the calibrated value will be replaced with the defaul value and you have to start all over again. This is explained in the manual. If for some reason the EEPROM memory gets corupted, we can always start with a known good value by entering the calibration mode.

Rest assured the numbers are stored. You can only prove that indirectly, which is also explained in the manual.

Steve KD1JV

>I have gotten my new PFR3a to the Group 2 smoke test without letting any
>smoke out yet! But the results are not what I expected and I have a few
>questions:
>
> 1. I can receive some CW signals, but the receiver does not perform as
> well as the other receivers here in the shack - it doesn't hear very well.
> I have compared receiving across R1 with receiving at the end of C3 (not
> unsoldering the end of C3 and still using the ground of R1) and it does
> receive a little louder at C3. However there doesn't seem to be a huge
> difference to my ear between no antenna and then R1 and then C3, although
> the signals do get progressively stronger, just doesn't seem by much. Is
> there something that I can do to experiment a bit more with this to see if
> there is a problem and if so, where it is? I can peak the noise on 40M
> with C1/2 and it is peaked at the counter clockwise rotation of the
> capacitor.
>
> 2. I am a bit challenged at figuring out how to save the Reference
> frequency calibration. I am using a frequency meter and I can adjust the
> calibration to 10,000 KHZ - which is great fun. However, I am a bit thick
> when it comes to saving this. The manual seems to say save the adjustment
> by hitting the Keyer switch or skip the adjustment by hitting the Keyer
> switch. That seems to be the same to me, what am I not seeing? Then the

> manual also refers to the Menu switch. What is the difference between the
> Keyer switch and the Menu switch? I have been using s1 and it enters and
> moves through the calibration displays correctly as far as I can tell, but
> I have not been able to save anything so far.
>
> Thanks for your patience and help with this.
>
> Bill
> AG4EA
>
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> Yahoo! Groups Links
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3604. Re: Old problem with straight key. Software upgrade?

Yahoo group: pfr3_group
Date: 2012-04-27 14:56:02 UTC
From: Roberto
Topic: 3593 Message: 3604

Well guys.

The PFR-3A keyer defaults to 20 WPM.
So, if I use a straight key and send at 20 WPM or more, then I have no problems at all.

Yeap... not an easy task for a beginner.
Straight keys are the best to learn to send good code as you have no chance to cheat at all with them.
Apart from that... that is the only flaw I have found on this nice radio: Do not use straight keys with it; the keyer just does not work properly with them. I read all past posts, did what was suggested to others and it didn't work for a solution.

Have made wonderful DX contacts with this radio and its 5 Watts (conditions had been good of course). It is a joy to use.

Take a look at my low quality simple videos on the PFR-3A on www.youtube.com/Robertosala1
Intended for the beginner and to encourage interested people in becoming Ham Radio Operators. They show that, with little resources you can have fun in this rewarding hobby. No need to be a big gun to have fun and serve.
My simple videos include my signature: Latin American poor English accent and the usual noise of hundreds of parakeets flying over.

Thanks to all the ones who responded and tried to help me to fix this problem.

72 de Rob.
YS1RS

--- In pfr3_group@yahoogroups.com, "Roberto" <ys1rs@...> wrote:
>
> Hello guys.
>
> My PFR-3A is not working fine with straight keys.
> When I am keying, sometimes it lacks behind and it is annoying as you try to compensate and, next second it works fine screwing your sending up.
> I assume this is a PFR-3A as I bought it directly from Hendricks back on December 2011 (3 to 4 months ago) so no software update should be required, but I am starting to believe I am wrong. The 28 pin DIP does not have any "yellow" dots or "red" dots on it though.
>
> Well, I have read it in past messages and I have tried to fix it with normal end user solutions:
> Turn on the PFR while pressing the CW Straight key down.
> Using a stereo plug instead of a mono.
>
> Working with paddles is wonderfully OK.
>
> I have also noticed that when tuning up or down and you pass a CW conversation, you stop and go back to hear it, sometimes the radio seems not to understand the order and stops,

then on the screen, shows the band ID (20, 30 or 40), the audio stops and the digits blink, just like it does when you change from one band to the other. So you have to release the up or down button you were using and press it again to continue tuning. Looks like it somehow resets. This behaviour is done randomly and is difficult to duplicate so I have not found the condition under this happens but only does it when tuning up or down and for a long time, just like you do when browsing the band looking for CQs. I mention this just in case is a known bug on the software. Software upgrade?
>
> My questions:
> -How do you make sure you have the latest software installed?
> -Is there any other solution I have not tried apart from a software upgrade to fix the straight key problem?
>
> Saludos
> 73 de Rob
> YS1RS
>

3605. Re: Group 2 smoke test - works, sort of?

Yahoo group: pfr3_group
Date: 2012-04-27 16:20:45 UTC
From: billetter1
Topic: 3602 Message: 3605

Hi Steve -

Thanks for your response, it was very helpful.

I neglected to mention in my original message that I was using my station antenna across R1 and also connected to C3. Hopefully that doesn't change your statement about weak signals being normal at this stage of construction.

Your explanation of how the values are stored helped tremendously! Even though as you point out that it is in the manual, for some reason I just didn't get it - but I think I have it now.

I just repeated the calibration procedure again. If I understand your explanation, every time that I enter CALr, the default values get loaded over what had been previously saved. I missed that, and that makes everything a lot clearer!

I used a scope to calibrate the IF offset and I did not see 2 peaks, only 1. This seems to be similar to the results reported in one of the earlier messages about this process, but I did not carefully match anything such as crystals and capacitors - it just worked out that way.

Anyway, on to the transmitter section.

I would like to thank you for designing this kit so that it can be tested as it is being constructed. This the first kit that I have built that is like that and it makes a huge difference in finding problems and also in understanding what is going on.

Bill
AG4EA

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> 1. Signals will be weak until you get everything else built and a real
> antenna connected.
> 2. "keyer" and "menu" mean the same switch.
>
> >The manual seems to say save the adjustment by hitting the Keyer switch or
> >skip the adjustment by hitting the Keyer switch. That seems to be the same
> >to me, what am I not seeing?
>
> If you do not make an adjustment to the frequency, clicking the keyer switch
> will simply store the default value back into memory, which is the value it
> started out with. If you adjusted the frequency to 10.000,000 MHz, the new
> value will be stored.
>
> If you re-enter the calibration mode, the calibrated value will be replaced
> with the defaul value and you have to start all over again. This is

> explained in the manual. If for some reason the EEPROM memory gets corupted,
> we can always start with a known good value by entering the calibration
> mode.
>
> Rest assured the numbers are stored. You can only prove that indirectly,
> which is also explained in the manual.
>
> Steve KD1JV
>

3607. Hey

Yahoo group: pfr3_group
Date: 2012-04-28 09:18:07 UTC
From: Jack Millett
Topic: 3607 Message: 3607

check this out wow http://t.co/rz8XqJ8Z

~*Advertisement

3608. Re: [pfr3_group] Re: Old problem with straight key. Software upgrade?

Yahoo group: pfr3_group
Date: 2012-04-27 17:55:55 UTC
From: Steve Smith
Topic: 3593 Message: 3608

Hi Rob,

Have you tried first setting your keyer speed to whatever you are comfortable with on a straight key before sending with the straight key?

I watched your PFR3 videos and found them to be quite enjoyable and educational. A great introduction to those not familiar with the radio.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Roberto" <ys1rs@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Old problem with straight key. Software upgrade?
Date: Fri, 27 Apr 2012 14:56:02 -0000

Well guys.

The PFR-3A keyer defaults to 20 WPM.
So, if I use a straight key and send at 20 WPM or more, then I have no problems at all.

3610. Re: [pfr3_group] Re: Old problem with straight key. Software upgrade?

Yahoo group: pfr3_group
Date: 2012-04-28 16:05:05 UTC
From: Roberto Salazar
Topic: 3593 Message: 3610

Hola Steve.

Yes, I have tried but you only have two options:
Turn on the radio with paddles installed or with straight key installed.
If the radio was turned on with paddles, set your speed, remove the paddles, and install a straight key, the straight key will function as a set of paddles sending only dots.
If you turned on the radio with the straight key, then no keyer functions are available because the radio recognized the straight key from the beginning and all keyer functions are now disabled including the setting up of the speed.

That's how it works and it is correct, except that, somehow, some of the keyer functions are still active disturbing you and screwing up your code sending. Definitively looks like a software problem.

Too bad because used to take the radio to my office and tried to use it to have some QSOs with fellow members of the Straight Key Century Club during my lunch time (with a long wire as antenna). I can only work SKCC from my main rig at night :(

A small set back though.

Hey, I am glad you liked the little videos. :)

72 de Rob.
YS1RS
SKCC 8404

From: Steve Smith <sigcom@...>
To: pfr3_group@yahoogroups.com
Sent: Friday, April 27, 2012 11:55 AM
Subject: Re: [pfr3_group] Re: Old problem with straight key. Software upgrade?

Hi Rob,

Have you tried first setting your keyer speed to whatever you are comfortable with on a straight key before sending with the straight key?

I watched your PFR3 videos and found them to be quite enjoyable and educational. A great introduction to those not familiar with the radio.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Roberto" <ys1rs@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Old problem with straight key. Software upgrade?
Date: Fri, 27 Apr 2012 14:56:02 -0000

Well guys.

The PFR-3A keyer defaults to 20 WPM.
So, if I use a straight key and send at 20 WPM or more, then I have no problems at all.

3611. QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-04-30 05:21:55 UTC
From: Roberto
Topic: 3611 Message: 3611

Hola a todos desde San Salvador.

Just put together this small 5 minutes video to keep a record of my little QRP best QSOs.
I am amazed, as a beginner, with what you can do using only 5 Watts, a good antenna and the right propagation conditions.
Exciting DX can be done with little.
No need to spend big amounts of money on huge equipment in order to have fun too.

I know. Many of you have made longer contacts but this video is from a beginner to other beginners.
It is also intended to encourage ham operators to start doing CW too.
If I did it, you can also do it and much better too!!!

Hope you like it.

Enjoy.

http://youtu.be/MR2OZsAvAYo

72 de Rob.
YS1RS
SKCC 8404

3612. Re: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-04-30 11:56:50 UTC
From: Carey Magee (K2RNY)
Topic: 3611 Message: 3612

Roberto:

That was a great video. I also have a PFR-3A I use in good weather outdoors. My antenna is either 34 ft. like yours or I use a PAR ENDFEDZ 40-20-10. Either way, I also make good contacts like you. It is always a lot of fun.

Good DX and I hope I can contact you someday soon. I will be listening.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

----- "Roberto" <ys1rs@...> wrote:

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If I did it, you can also do it and much better too!!!

Hope you like it.

Enjoy.

http://youtu.be/MR2OZsAvAYo

72 de Rob.
YS1RS
SKCC 8404

3613. Re: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-04-30 19:24:18 UTC
From: Roberto Salazar
Topic: 3611 Message: 3613

Yeap this rig is a lot of fun in a small package.
Propagation is a box full of surprises.

QRP is fun.

Rob.
YS1RS

From: Carey Magee (K2RNY) <k2rny@...>
To: pfr3 group <pfr3_group@yahoogroups.com>
Sent: Monday, April 30, 2012 5:56 AM
Subject: Re: [pfr3_group] QRP and CW ... Amazing combination !

Roberto:

That was a great video. I also have a PFR-3A I use in good weather outdoors. My antenna is either 34 ft. like yours or I use a PAR ENDFEDZ 40-20-10. Either way, I also make good contacts like you. It is always a lot of fun.

Good DX and I hope I can contact you someday soon. I will be listening.

73,
Carey

Mr. Carey Magee, K2RNY
Rochester, NY
http://www.qrz.com/db/k2rny
==========

----- "Roberto" <ys1rs@...> wrote:

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>Enjoy.
>
>http://youtu.be/MR2OZsAvAYo
>
>72 de Rob.
>YS1RS
>SKCC 8404
>
>

3614. Re: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-04-30 19:54:59 UTC
From: Roberto Salazar
Topic: 3611 Message: 3614

Hi, some of you asked about the Bulldog Paper Clip set of paddles.
I have added pictures in my pfr3_group photo album under YS1RS.
This Bulldog paddles can be acquired directly from Ren, KG4BAS.

72 de Rob.
YS1RS

_____

----- "Roberto" <ys1rs@...> wrote:

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>Enjoy.
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>http://youtu.be/MR2OZsAvAYo
>
>72 de Rob.
>YS1RS
>SKCC 8404
>
>

3615. Re: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-04-30 20:29:06 UTC
From: Barry N1EU
Topic: 3611 Message: 3615

Rob, how is the back of the paddle attached to the front panel of the PFR3?
I have Bulldog paddles and the threaded mounting hole is on the bottom of
the paddle, which is clearly not how your Bulldog paddle is attached.

Thanks & 73,
Barry N1EU

On Mon, Apr 30, 2012 at 7:54 PM, Roberto Salazar <ys1rs@...> wrote:

> **
>
>
> Hi, some of you asked about the Bulldog Paper Clip set of paddles.
> I have added pictures in my pfr3_group photo album under YS1RS.
> This Bulldog paddles can be acquired directly from Ren, KG4BAS.
>
> 72 de Rob.
> YS1RS
>
>

3616. Re: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-04-30 20:32:54 UTC
From: Roland Whitsitt
Topic: 3611 Message: 3616

I love the feel of the bull dog paddles, but they just don't last. I've gone through 3 of them. I now use the DCP (dirt cheap paddle) from American Morse. They work great, have a great feel. I pretty much use them for everything now. and guarenteed for life!.
73's n5vwn Roland

Sent from my iPhone

On Apr 30, 2012, at 12:54, Roberto Salazar <ys1rs@...> wrote:

> Hi, some of you asked about the Bulldog Paper Clip set of paddles.
> I have added pictures in my pfr3_group photo album under YS1RS.
> This Bulldog paddles can be acquired directly from Ren, KG4BAS.
>
> 72 de Rob.
> YS1RS
>
>
>
> ----- "Roberto" <ys1rs@...> wrote:
>
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>
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>
>
>

>

3617. RE: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-04-30 21:10:01 UTC
From: N. A. Monllor
Topic: 3611 Message: 3617

Barry,

The phone plug sticks out beyond the back of the paddle so that it plugs right into the radio. There are two 1/8" holes on the base of the paddle so that you can screw the paddle directly onto the radio and keep it there for outdoor use.

I keep my paddles on the radio and use my Benchers with my TS530s. When in transport, I fold the paddle arms down against the radio.

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Barry N1EU
Sent: Monday, April 30, 2012 4:29 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] QRP and CW ... Amazing combination !

Rob, how is the back of the paddle attached to the front panel of the PFR3? I have Bulldog paddles and the threaded mounting hole is on the bottom of the paddle, which is clearly not how your Bulldog paddle is attached.

Thanks & 73,

Barry N1EU

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72 de Rob.
YS1RS

3618. RE: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-04-30 21:15:11 UTC
From: N. A. Monllor
Topic: 3611 Message: 3618

Out of curiosity Roland,

What part of the bulldog paddle is it that doesn't last? I ask because I've had mine for about a year now and it still works great.

Be well,

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Roland Whitsitt
Sent: Monday, April 30, 2012 4:33 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] QRP and CW ... Amazing combination !

I love the feel of the bull dog paddles, but they just don't last. I've gone through 3 of them. I now use the DCP (dirt cheap paddle) from American Morse. They work great, have a great feel. I pretty much use them for everything now. and guarenteed for life!.

73's n5vwn Roland

Sent from my iPhone

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This Bulldog paddles can be acquired directly from Ren, KG4BAS.

72 de Rob.
YS1RS

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http://youtu.be/MR2OZsAvAYo

72 de Rob.
YS1RS
SKCC 8404

3619. RE: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-04-30 21:16:49 UTC
From: N. A. Monllor
Topic: 3611 Message: 3619

Btw,

The paddle I offer is a complete redesign of the bulldog paddle, made specifically for the PFR3A.

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Barry N1EU
Sent: Monday, April 30, 2012 4:29 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] QRP and CW ... Amazing combination !

Rob, how is the back of the paddle attached to the front panel of the PFR3? I have Bulldog paddles and the threaded mounting hole is on the bottom of the paddle, which is clearly not how your Bulldog paddle is attached.

Thanks & 73,

Barry N1EU

On Mon, Apr 30, 2012 at 7:54 PM, Roberto Salazar <ys1rs@...> wrote:

Hi, some of you asked about the Bulldog Paper Clip set of paddles.

I have added pictures in my pfr3_group photo album under YS1RS.

This Bulldog paddles can be acquired directly from Ren, KG4BAS.

72 de Rob.
YS1RS

3620. Re: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-04-30 21:21:57 UTC
From: Roland Whitsitt
Topic: 3611 Message: 3620

Something inside the wood. A wire connection. Tried to figure it out nut made it worse.

Sent from my iPhone

On Apr 30, 2012, at 14:15, "N. A. Monllor" <nmonllor@...> wrote:

> Out of curiosity Roland,
>
> What part of the bulldog paddle is it that doesn’t last? I ask because I’ve had mine for about a year now and it still works great.
>
> Be well,
>
> Ren
>
> KG4BAS
>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Roland Whitsitt
> Sent: Monday, April 30, 2012 4:33 PM
> To: pfr3_group@yahoogroups.com
> Subject: Re: [pfr3_group] QRP and CW ... Amazing combination !
>
>
>
>
>
> I love the feel of the bull dog paddles, but they just don't last. I've gone through 3 of them. I now use the DCP (dirt cheap paddle) from American Morse. They work great, have a great feel. I pretty much use them for everything now. and guarenteed for life!.
>
> 73's n5vwn Roland
>
> Sent from my iPhone
>
>
> On Apr 30, 2012, at 12:54, Roberto Salazar <ys1rs@...> wrote:
>
>
>
> Hi, some of you asked about the Bulldog Paper Clip set of paddles.
>
> I have added pictures in my pfr3_group photo album under YS1RS.
>

> This Bulldog paddles can be acquired directly from Ren, KG4BAS.
>
> 72 de Rob.
> YS1RS
>
>
>
>
>
> ----- "Roberto" <ys1rs@...> wrote:
>
>
>
> Hola a todos desde San Salvador.
>
> Just put together this small 5 minutes video to keep a record of my little QRP best QSOs.
> I am amazed, as a beginner, with what you can do using only 5 Watts, a good antenna and the right propagation conditions.
> Exciting DX can be done with little.
> No need to spend big amounts of money on huge equipment in order to have fun too.
>
> I know. Many of you have made longer contacts but this video is from a beginner to other beginners.
> It is also intended to encourage ham operators to start doing CW too.
> If I did it, you can also do it and much better too!!!
>
> Hope you like it.
>
> Enjoy.
>
> http://youtu.be/MR2OZsAvAYo
>
> 72 de Rob.
> YS1RS
> SKCC 8404
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3621. Re: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-04-30 21:36:26 UTC
From: Roland Whitsitt
Topic: 3611 Message: 3621

The bulldog paddles I used had the cord. I used them for various rigs. To be honest, I didn't treat them with kit gloves like my other keys. When it failed me, I was out in the field. At the time I had a back up whitebrook or something like that name. It's okay, Not epic, but it got the job done. I guess I kinda toss that one around too.
73's n5vwn Roland

Sent from my iPhone

On Apr 30, 2012, at 14:16, "N. A. Monllor" <nmonllor@....com> wrote:

> Btw,
>
> The paddle I offer is a complete redesign of the bulldog paddle, made specifically for the PFR3A.
>
> Ren
>
> KG4BAS
>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Barry N1EU
> Sent: Monday, April 30, 2012 4:29 PM
> To: pfr3_group@yahoogroups.com
> Subject: Re: [pfr3_group] QRP and CW ... Amazing combination !
>
>
>
>
>
> Rob, how is the back of the paddle attached to the front panel of the PFR3? I have Bulldog paddles and the threaded mounting hole is on the bottom of the paddle, which is clearly not how your Bulldog paddle is attached.
>
>
>
> Thanks & 73,
>
> Barry N1EU
>
> On Mon, Apr 30, 2012 at 7:54 PM, Roberto Salazar <ys1rs@...> wrote:
>
>
>
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> I have added pictures in my pfr3_group photo album under YS1RS.
>
> This Bulldog paddles can be acquired directly from Ren, KG4BAS.
>
> 72 de Rob.
> YS1RS
>
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>
>
>

3622. RE: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-04-30 22:10:15 UTC
From: N. A. Monllor
Topic: 3611 Message: 3622

That’s why I machine out of aluminum and the connections are inside, well protected.

Thanks,

Ren

KG4BAS

From: pfr3_group@...m [mailto:pfr3_group@yahoogroups.com] On Behalf Of Roland Whitsitt
Sent: Monday, April 30, 2012 5:22 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] QRP and CW ... Amazing combination !

Something inside the wood. A wire connection. Tried to figure it out nut made it worse.

Sent from my iPhone

On Apr 30, 2012, at 14:15, "N. A. Monllor" <nmonllor@tampabay.rr.com> wrote:

Out of curiosity Roland,

What part of the bulldog paddle is it that doesn’t last? I ask because I’ve had mine for about a year now and it still works great.

Be well,

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Roland Whitsitt
Sent: Monday, April 30, 2012 4:33 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] QRP and CW ... Amazing combination !

I love the feel of the bull dog paddles, but they just don't last. I've gone through 3 of them. I now use the DCP (dirt cheap paddle) from American Morse. They work great, have a great feel. I pretty much use them for everything now. and guarenteed for life!.

73's n5vwn Roland

Sent from my iPhone

On Apr 30, 2012, at 12:54, Roberto Salazar <ys1rs@yahoo.com> wrote:

Hi, some of you asked about the Bulldog Paper Clip set of paddles.

I have added pictures in my pfr3_group photo album under YS1RS.

This Bulldog paddles can be acquired directly from Ren, KG4BAS.

72 de Rob.
YS1RS

----- "Roberto" <ys1rs@...> wrote:

Hola a todos desde San Salvador.

Just put together this small 5 minutes video to keep a record of my little QRP best QSOs.
I am amazed, as a beginner, with what you can do using only 5 Watts, a good antenna and the right propagation conditions.
Exciting DX can be done with little.
No need to spend big amounts of money on huge equipment in order to have fun too.

I know. Many of you have made longer contacts but this video is from a beginner to other beginners.
It is also intended to encourage ham operators to start doing CW too.
If I did it, you can also do it and much better too!!!

Hope you like it.

Enjoy.

http://youtu.be/MR2OZsAvAYo

72 de Rob.
YS1RS
SKCC 8404

3623. Re: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-05-01 00:20:33 UTC
From: Roland Whitsitt
Topic: 3611 Message: 3623

I'd like to take a look at that paddle. Is there a website?
Roland n5vwn

Sent from my iPhone

On Apr 30, 2012, at 15:10, "N. A. Monllor" <nmonllor@tampabay.rr.com> wrote:

> That’s why I machine out of aluminum and the connections are inside, well protected.
>
> Thanks,
>
> Ren
>
> KG4BAS
>
>
>
> From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Roland Whitsitt
> Sent: Monday, April 30, 2012 5:22 PM
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> Out of curiosity Roland,
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> What part of the bulldog paddle is it that doesn’t last? I ask because I’ve had mine for about a year now and it still works great.
>
> Be well,
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>
>
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> On Apr 30, 2012, at 12:54, Roberto Salazar <ys1rs@...> wrote:
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> No need to spend big amounts of money on huge equipment in order to have fun too.

>
> I know. Many of you have made longer contacts but this video is from a beginner to other beginners.
> It is also intended to encourage ham operators to start doing CW too.
> If I did it, you can also do it and much better too!!!
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> Hope you like it.
>
> Enjoy.
>
> http://youtu.be/MR2OZsAvAYo
>
> 72 de Rob.
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> SKCC 8404
>
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>

3624. Re: [pfr3_group] QRP and CW ... Amazing combination !

Yahoo group: pfr3_group
Date: 2012-05-01 11:16:34 UTC
From: lahagar1@aol.com
Topic: 3611 Message: 3624

Rob.

Gracias. Su radio y video son excelentes. CW se une al mundo.

Thanks. Your Radio and□ video are superb. CW joins the world.

73
Lynn
NG9D

-----Original Message-----
From: Roberto <ys1rs@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Apr 30, 2012 12:22 am
Subject: [pfr3_group] QRP and CW ... Amazing combination !

Hola a todos desde San Salvador.

Just put together this small 5 minutes video to keep a record of my little QRP best QSOs.
I am amazed, as a beginner, with what you can do using only 5 Watts, a good antenna and the right propagation conditions.
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Hope you like it.

Enjoy.

http://youtu.be/MR2OZsAvAYo

72 de Rob.
YS1RS
SKCC 8404

3625. July 21st local - a Saturday bunch of fun

Yahoo group: pfr3_group
Date: 2012-05-01 17:29:17 UTC
From: Dale Putnam
Topic: 3625 Message: 3625

There is a cure for the summer doldrums... hot summer nights... how weeks in the city... summer... in the city.... got the answer.. I do.. and you can too.. make plans now for a simple three hour event... and celebrate the awesome magic of Steve Weber's ATS radios... they simply perform, and they do it in such a way as to let one relax, rather than get all worked up. So.. lets go have some fun, grab your to-go bag, and set up on a cool hilltop, ormountaintop, or park.... no.. not under the waterfall, maybe close.. but not that close. Check it out... http://ats-sprint.blogspot.com/ Now someone is about to ask.. just exactly how is it that the PFR3 could play in an ATS radio event?.. the answer is simple:KD1JV designed them both.. so they are all in the same extended family. And barring family squabbles... they do all talk to one another.http://ats-sprint.blogspot.com/ There has been some folks asking about multi ops... and multi radios... the answer: Sure why not? and one fellow I know of is making this the first outing for his wife, a brand new General.. to make a trip to the mountain top and enjoy the radio together.What a blast that will be. and one last thing.. Steve is going to be on the Continental Divide.. and hopefully he will be able to be on too..Make plans.. this could be a blast!!
--... ...--
Dale - WC7S in Wy

3626. Re: [pfr3_group] July 21st local - a Saturday bunch of fun

Yahoo group: pfr3_group
Date: 2012-05-01 23:18:00 UTC
From: Roland Whitsitt
Topic: 3625 Message: 3626

Any chance on points for other weber (non-ats) rigs? Like 1.5 points. Just abrv. It the best you can or come up. Example pfr3, wbr 2 bndr, dc40. It might complicate things too much though. Anyways I'll be there!
73's Roland n5vwn

Sent from my iPhone

On May 1, 2012, at 10:29, Dale Putnam <daleputnam@...> wrote:

> There is a cure for the summer doldrums... hot summer nights... how weeks in the city... summer... in the city....
> got the answer.. I do.. and you can too.. make plans now for a simple three hour event... and celebrate the
> awesome magic of Steve Weber's ATS radios... they simply perform, and they do it in such a way as to let one
> relax, rather than get all worked up. So.. lets go have some fun, grab your to-go bag, and set up on a cool hilltop, or
> mountaintop, or park.... no.. not under the waterfall, maybe close.. but not that close.
> Check it out... http://ats-sprint.blogspot.com/
>
> Now someone is about to ask.. just exactly how is it that the PFR3 could play in an ATS radio event?.. the answer is simple:
> KD1JV designed them both.. so they are all in the same extended family. And barring family squabbles... they do all talk to one another.
> http://ats-sprint.blogspot.com/
>
> There has been some folks asking about multi ops... and multi radios...
> the answer:
>
> Sure why not?
>
> and one fellow I know of is making this the first outing for his wife, a brand new General.. to make a trip to the mountain top and enjoy the radio together.
> What a blast that will be.
>
> and one last thing.. Steve is going to be on the Continental Divide.. and hopefully he will be able to be on too..
> Make plans.. this could be a blast!!
>
>
> --... ...-- Dale - WC7S in Wy
>

3627. RE: [pfr3_group] July 21st local - a Saturday bunch of fun

Yahoo group: pfr3_group
Date: 2012-05-01 23:38:10 UTC
From: Dale Putnam
Topic: 3625 Message: 3627

Hi Roland, IF we can get enough activity, I'm thinking that the next time out... the "other" radios could certainly be included... as it is now, tho.. for the first time, let's see how many we can get to show up.Lots of ideas floating around now right?

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: tx2hpv@...
Date: Tue, 1 May 2012 16:18:00 -0700
Subject: Re: [pfr3_group] July 21st local - a Saturday bunch of fun

Any chance on points for other weber (non-ats) rigs? Like 1.5 points. Just abrv. It the best you can or come up. Example pfr3, wbr 2 bndr, dc40. It might complicate things too much though. Anyways I'll be there!73's Roland n5vwn
Sent from my iPhone
On May 1, 2012, at 10:29, Dale Putnam <daleputnam@...> wrote:

There is a cure for the summer doldrums... hot summer nights... how weeks in the city... summer... in the city....
got the answer.. I do.. and you can too.. make plans now for a simple three hour event... and celebrate the
awesome magic of Steve Weber's ATS radios... they simply perform, and they do it in such a way as to let one
relax, rather than get all worked up. So.. lets go have some fun, grab your to-go bag, and set up on a cool hilltop, or
mountaintop, or park.... no.. not under the waterfall, maybe close.. but not that close.
Check it out... http://ats-sprint.blogspot.com/

Now someone is about to ask.. just exactly how is it that the PFR3 could play in an ATS radio event?.. the answer is simple:
KD1JV designed them both.. so they are all in the same extended family. And barring family squabbles... they do all talk to one another.
http://ats-sprint.blogspot.com/

There has been some folks asking about multi ops... and multi radios...
the answer:

Sure why not?

and one fellow I know of is making this the first outing for his wife, a brand new General.. to make a trip to the mountain top and enjoy the radio together.
What a blast that will be.

and one last thing.. Steve is going to be on the Continental Divide.. and hopefully he will be able to be on too..
Make plans.. this could be a blast!!

--... ...--
Dale - WC7S in Wy

3628. Entering Keyer Messages

Yahoo group: pfr3_group
Date: 2012-05-07 03:19:54 UTC
From: jwpetrov
Topic: 3628 Message: 3628

Hello all:

I just recently purchased and assembled my PFR-3A. It was a fun kit and I enjoyed the assembly process.

My questions have to do with entering messages into the keyer memory. I was hoping to be able to enter a CQ sequence. So, my first question has to do with character count. If I understand the documentation correctly, a sequence of CQ plus a "word space" would take three characters... Right? For some reason, even though it sounds fine as I key the message, I can't seem to get a good message to play back when I click the MENU button.

Any suggestions would be appreciated.

Thanks and 73,

Jed
AD7KG

3629. Re: [pfr3_group] Entering Keyer Messages

Yahoo group: pfr3_group
Date: 2012-05-07 03:56:22 UTC
From: Roberto Salazar
Topic: 3628 Message: 3629

Had the same problem myself.
So I recorded a CQ sequence, played it back (it sounded completely out of time and sequence) till I understood the problem with the timing so I had to adjust myself only for the recording process.
In other words... I had to adapt my keying till I got it right at playback. I believe I had to do it slower.
Nope. Never got a response or any explanation on that. Hope this time you get more help.

Rob.
YS1RS

From: jwpetrov <jwpetrov@...>
To: pfr3_group@yahoogroups.com
Sent: Sunday, May 6, 2012 9:19 PM
Subject: [pfr3_group] Entering Keyer Messages

Hello all:

I just recently purchased and assembled my PFR-3A. It was a fun kit and I enjoyed the assembly process.

My questions have to do with entering messages into the keyer memory. I was hoping to be able to enter a CQ sequence. So, my first question has to do with character count. If I understand the documentation correctly, a sequence of CQ plus a "word space" would take three characters... Right? For some reason, even though it sounds fine as I key the message, I can't seem to get a good message to play back when I click the MENU button.

Any suggestions would be appreciated.

Thanks and 73,

Jed
AD7KG

3630. Re: Entering Keyer Messages

Yahoo group: pfr3_group
Date: 2012-05-07 15:18:07 UTC
From: wb9dlc
Topic: 3628 Message: 3630

Jed & Rob

I have found the timing is a bit critical. I leave a little more space between letters (i.e. don't even come close to running them together). Leave a good long space between words and it will be reduced to a normal word space.

Practice on some short messages and you will get the tricky timing sequence down.

73 - Good Luck

Mike / WB9DLC
http://wb9dlc.com

--- In pfr3_group@yahoogroups.com, Roberto Salazar <ys1rs@...> wrote:
>
> Had the same problem myself.
> So I recorded a CQ sequence, played it back (it sounded completely out of time and sequence) till I understood the problem with the timing so I had to adjust myself only for the recording process.
> In other words... I had to adapt my keying till I got it right at playback. I believe I had to do it slower.
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>
>
> Rob.
> YS1RS
>
>
>
> _____
> From: jwpetrov <jwpetrov@...>
> To: pfr3_group@yahoogroups.com
> Sent: Sunday, May 6, 2012 9:19 PM
> Subject: [pfr3_group] Entering Keyer Messages
>
>
> Â
> Hello all:
>
> I just recently purchased and assembled my PFR-3A. It was a fun kit and I enjoyed the assembly process.
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> My questions have to do with entering messages into the keyer memory. I was hoping to be able to enter a CQ sequence. So, my first question has to do with character count. If I understand the documentation correctly, a sequence of CQ plus a "word space" would take three characters... Right? For some reason, even though it sounds fine as I key the

message, I can't seem to get a good message to play back when I click the MENU button.
>
> Any suggestions would be appreciated.
>
> Thanks and 73,
>
> Jed
> AD7KG
>

3631. Re: [pfr3_group] Re: Entering Keyer Messages

Yahoo group: pfr3_group
Date: 2012-05-07 16:40:14 UTC
From: Jed Petrovich
Topic: 3628 Message: 3631

Rob/Mike:

Thanks, guys, for the replies. I had the keyer set to 20 wpm and I did indeed find that I needed to slow down and put a bit more spacing in my characters, including the "word" spacing. (ie, long pause between words just to make sure) I finally got my 3x3 CQ exactly as I desired, but it did take some practice.

As far as character count goes, it looks like mine was 31 characters. I suppose that answers how the characters are counted in the keyer.

By the way, Rob, I've saw your PFR-3 video on YouTube... nice work and thanks for taking the time to post it.

73,

Jed
AD7KG

On Mon, May 7, 2012 at 9:18 AM, wb9dlc <wb9dlc@...> wrote:

> **
>
>
>
>
> Jed & Rob
>
> I have found the timing is a bit critical. I leave a little more space
> between letters (i.e. don't even come close to running them together).
> Leave a good long space between words and it will be reduced to a normal
> word space.
>
> Practice on some short messages and you will get the tricky timing
> sequence down.
>
> 73 - Good Luck
>
> Mike / WB9DLC
> http://wb9dlc.com
>
>
> --- In pfr3_group@yahoogroups.com, Roberto Salazar <ys1rs@...> wrote:
> >
> > Had the same problem myself.
> > So I recorded a CQ sequence, played it back (it sounded completely out
> of time and sequence) till I understood the problem with the timing so I

> had to adjust myself only for the recording process.
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> playback. I believe I had to do it slower.
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> > Rob.
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> >
> >
> >
> > _____
> > From: jwpetrov <jwpetrov@...>
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> >
> > Â
> > Hello all:
> >
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> I enjoyed the assembly process.
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> > My questions have to do with entering messages into the keyer memory. I
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> sequence of CQ plus a "word space" would take three characters... Right?
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> seem to get a good message to play back when I click the MENU button.
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> > Any suggestions would be appreciated.
> >
> > Thanks and 73,
> >
> > Jed
> > AD7KG
> >
>
>
>

3632. Re: [pfr3_group] Re: Entering Keyer Messages

Yahoo group: pfr3_group
Date: 2012-05-07 17:12:51 UTC
From: Steven Weber
Topic: 3628 Message: 3632

The program uses "ideal" timing to determine the end of a letter element group or a word space. 3 dot lengths for a letter space and 7 dot lengths (or more) for a word space. (actually, you have up until the word space time out for a letter to be recorded, so you have to wait a mininum of 3 dot lengths and no more then 7)

If you run your letters and words together, which many do, then the message will not record correctly. Sorry, it's not easy to decode sloppy sending. If you can't record the message properly, you need to work on your timing. Not only will the program copy your code better, so will everyone else!

Steve KD1JV

I have found the timing is a bit critical. I leave a little more space between letters (i.e. don't even come close to running them together). Leave a good long space between words and it will be reduced to a normal word space.

3633. Re: [pfr3_group] Re: Entering Keyer Messages

Yahoo group: pfr3_group
Date: 2012-05-07 17:16:41 UTC
From: Roberto Salazar
Topic: 3628 Message: 3633

Glad you managed it and solved the problem.
One word of caution.
Do not use straight keys with the PFR. It just doesn't work right unless you are faster than 20 WPM at sending.
Otherwise it starts to screw up your sending.
Use only paddles with it.

Glad you liked the li'l video.

The PFR is a nice radio not perfect but I love it.
Yeap. I recommend it with my eyes closed.

Rob.
YS1RS

From: Jed Petrovich <jwpetrov@...>
To: pfr3_group@yahoogroups.com
Sent: Monday, May 7, 2012 10:40 AM
Subject: Re: [pfr3_group] Re: Entering Keyer Messages

Rob/Mike:
Thanks, guys, for the replies. I had the keyer set to 20 wpm and I did indeed find that I needed to slow down and put a bit more spacing in my characters, including the "word" spacing. (ie, long pause between words just to make sure) I finally got my 3x3 CQ exactly as I desired, but it did take some practice.

As far as character count goes, it looks like mine was 31 characters. I suppose that answers how the characters are counted in the keyer.

By the way, Rob, I've saw your PFR-3 video on YouTube... nice work and thanks for taking the time to post it.

73,

Jed
AD7KG

On Mon, May 7, 2012 at 9:18 AM, wb9dlc <wb9dlc@...> wrote:

>
>
>
>Jed & Rob
>
>I have found the timing is a bit critical. I leave a little more space between letters (i.e. don't even come close to running them together). Leave a good long space between words and it will be reduced to a normal word space.

>
>Practice on some short messages and you will get the tricky timing sequence down.
>
>73 - Good Luck
>
>Mike / WB9DLC
>http://wb9dlc.com
>
>
>--- In pfr3_group@yahoogroups.com, Roberto Salazar <ys1rs@...> wrote:
>>
>> Had the same problem myself.
>> So I recorded a CQ sequence, played it back (it sounded completely out of time and sequence) till I understood the problem with the timing so I had to adjust myself only for the recording process.
>> In other words... I had to adapt my keying till I got it right at playback. I believe I had to do it slower.
>> Nope. Never got a response or any explanation on that. Hope this time you get more help.
>>
>>
>> Rob.
>> YS1RS
>>
>>
>>
>> _____
>
> From: jwpetrov <jwpetrov@...>
>
>> To: pfr3_group@yahoogroups.com
>> Sent: Sunday, May 6, 2012 9:19 PM
>> Subject: [pfr3_group] Entering Keyer Messages
>>
>>
>
> Â
>
>> Hello all:
>>
>> I just recently purchased and assembled my PFR-3A. It was a fun kit and I enjoyed the assembly process.
>>
>> My questions have to do with entering messages into the keyer memory. I was hoping to be able to enter a CQ sequence. So, my first question has to do with character count. If I understand the documentation correctly, a sequence of CQ plus a "word space" would take three characters... Right? For some reason, even though it sounds fine as I key the message, I can't seem to get a good message to play back when I click the MENU button.
>>
>> Any suggestions would be appreciated.
>>

>> Thanks and 73,
>>
>> Jed
>> AD7KG
>>
>
>

3634. Re: [pfr3_group] Re: Entering Keyer Messages

Yahoo group: pfr3_group
Date: 2012-05-07 17:25:56 UTC
From: Steve Smith
Topic: 3628 Message: 3634

Hi Steve,

I'm curious, do you use the same algorithm in the Tiny13 version of your keyer chip?

Thanks and

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Steven Weber" <steve.kd1jv@...>
To: <pfr3_group@yahoogroups.com>
Subject: Re: [pfr3_group] Re: Entering Keyer Messages
Date: Mon, 7 May 2012 13:12:51 -0400

The program uses "ideal" timing to determine the end of a letter element group or a word space. 3 dot lengths for a letter space and 7 dot lengths (or more) for a word space. (actually, you have up until the word space time out for a letter to be recorded, so you have to wait a mininum of 3 dot lengths and no more then 7).

3635. Re: [pfr3_group] Re: Entering Keyer Messages

Yahoo group: pfr3_group
Date: 2012-05-08 00:26:32 UTC
From: Steven Weber
Topic: 3628 Message: 3635

```
>
> I'm curious, do you use the same algorithm in the Tiny13 version of your
> keyer chip?
>
Yes
```

3636. Re: [pfr3_group] Re: Entering Keyer Messages

Yahoo group: pfr3_group
Date: 2012-05-08 01:32:09 UTC
From: Steven Weber
Topic: 3628 Message: 3636

Do not use straight keys with the PFR. It just doesn't work right unless you are faster than 20 WPM at sending.

Try cleaning the contacts on your straight key. Debouncing the straight key is a little tricky. Once a switch contact is detected, it waits about 5 ms before starting to look for a switch open. If your key contacts have more then 5 ms of bounce or does not keep a good contact the whole time the key is held closed, it will unkey the transmitter and wait another 5 ms before looking for another key closeure.

Therefore, a key with dirty contacts can make the transmitter sound a bit erratic.

Steve KD1JV

3637. Re: [pfr3_group] Re: Entering Keyer Messages

Yahoo group: pfr3_group
Date: 2012-05-08 02:38:56 UTC
From: Steve Smith
Topic: 3628 Message: 3637

Thanks.

---------- Original Message ----------
From: "Steven Weber" <steve.kd1jv@...>
To: <pfr3_group@yahoogroups.com>
Subject: Re: [pfr3_group] Re: Entering Keyer Messages
Date: Mon, 7 May 2012 20:26:32 -0400

>
> I'm curious, do you use the same algorithm in the Tiny13 version of your
> keyer chip?
>
Yes

3638. w8oey deceased Mach 31

Yahoo group: pfr3_group
Date: 2012-05-09 01:07:59 UTC
From: grandpa
Topic: 3611 Message: 3638

-----Original Message-----
From: Roberto <ys1rs@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Apr 30, 2012 1:22 am
Subject: [pfr3_group] QRP and CW ... Amazing combination !

Hola a todos desde San Salvador.

Just put together this small 5 minutes video to keep a record of my little QRP best QSOs.
I am amazed, as a beginner, with what you can do using only 5 Watts, a good antenna and the right propagation conditions.
Exciting DX can be done with little.
No need to spend big amounts of money on huge equipment in order to have fun too.

I know. Many of you have made longer contacts but this video is from a beginner to other beginners.
It is also intended to encourage ham operators to start doing CW too.
If I did it, you can also do it and much better too!!!

Hope you like it.

Enjoy.

http://youtu.be/MR2OZsAvAYo

72 de Rob.
YS1RS
SKCC 8404

3639. Re: Entering Keyer Messages

Yahoo group: pfr3_group
Date: 2012-05-11 20:26:38 UTC
From: kenneth_keese
Topic: 3628 Message: 3639

Thanks a bunch, Steve, for getting on this forum & giving us some GREAT advice. The PFR-3a is an excellent transceiver & I've really gotten a lot of enjoyment out of it.

I'm just a beginner at CW & I've made a couple of contacts with my PFR-3a. However, a couple of times mine has switched frequencies while I was transmitting, mostly sending slow CQ. It has also gone into a mode where it sends a long string of dits. I was going to troubleshoot these issues to see if they were caused by RF getting back into the rig, since I was using an unshielded end-fed wire antenna when this has happened. I'm also using a straight key. Do you think this problem could be solved by using paddles instead?

By the way, the rig tunes up on most any wire I've tried. That's really cool!

Thanks again for your help & the fun kit.

73.
Ken K5KGK

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> Do not use straight keys with the PFR. It just doesn't work right unless you are faster than 20 WPM at sending.
>
> Try cleaning the contacts on your straight key. Debouncing the straight key is a little tricky. Once a switch contact is detected, it waits about 5 ms before starting to look for a switch open. If your key contacts have more then 5 ms of bounce or does not keep a good contact the whole time the key is held closed, it will unkey the transmitter and wait another 5 ms before looking for another key closeure.
>
> Therefore, a key with dirty contacts can make the transmitter sound a bit erratic.
>
> Steve KD1JV
>

3640. Missing 20 Meters?

Yahoo group: pfr3_group
Date: 2012-05-13 19:56:01 UTC
From: billetter1
Topic: 3640 Message: 3640

I thought I was done with my PFR3A, when I discovered it doesn't have 20 Meters! With the switches in the 20M position, it is actually on 40M. I never noticed this while it was on the bench, but happened to catch it as I was getting prepared to put the rig in the case. In the 20M position, the display is "030.0" and the band reads 40. When I transmit into a dummy load a frequency meter confirms a 40M signal. When I switch both band switches, starting from the 20M position, they switch like this: 40M -> 30M -> 40M.

Any thoughts on what I did wrong?

Rig seems to work fine other than missing 20M. I have had several 40M QSOs with the rig on the bench to test it out.

Thanks.

Bill
AG4EA

3641. Re: Missing 20 Meters?

Yahoo group: pfr3_group
Date: 2012-05-13 20:49:03 UTC
From: Billy_B
Topic: 3640 Message: 3641

I would start with a careful inspection of the board and solder joints starting at the switches and tracing it backwards from there, looking for solder bridges or breaks. If that all looks good could be a faulty switch. It's a mechanical part, it happens.

Billy B
k7wcb

--- In pfr3_group@yahoogroups.com, "billetter1" <billetter@...> wrote:
>
> I thought I was done with my PFR3A, when I discovered it doesn't have 20 Meters! With the switches in the 20M position, it is actually on 40M. I never noticed this while it was on the bench, but happened to catch it as I was getting prepared to put the rig in the case. In the 20M position, the display is "030.0" and the band reads 40. When I transmit into a dummy load a frequency meter confirms a 40M signal. When I switch both band switches, starting from the 20M position, they switch like this: 40M -> 30M -> 40M.
>
> Any thoughts on what I did wrong?
>
> Rig seems to work fine other than missing 20M. I have had several 40M QSOs with the rig on the bench to test it out.
>
> Thanks.
>
> Bill
> AG4EA
>

3642. RE: [pfr3_group] Re: Missing 20 Meters?

Yahoo group: pfr3_group
Date: 2012-05-13 23:04:57 UTC
From: Dale Putnam
Topic: 3640 Message: 3642

Also take a real real close look at R30, R31, And R 32... specfically R30... and the switch contacts of S6b. IF S6b is shorted.. the radio will think you are trying to go to 40. And if r30 is shorted.. same effect.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k7wcb@yahoo.com
Date: Sun, 13 May 2012 20:49:03 +0000
Subject: [pfr3_group] Re: Missing 20 Meters?

I would start with a careful inspection of the board and solder joints starting at the switches and tracing it backwards from there, looking for solder bridges or breaks. If that all looks good could be a faulty switch. It's a mechanical part, it happens.

Billy B

k7wcb

--- In pfr3_group@yahoogroups.com, "billetter1" <billetter@...> wrote:

>

> I thought I was done with my PFR3A, when I discovered it doesn't have 20 Meters! With the switches in the 20M position, it is actually on 40M. I never noticed this while it was on the bench, but happened to catch it as I was getting prepared to put the rig in the case. In the 20M position, the display is "030.0" and the band reads 40. When I transmit into a dummy load a frequency meter confirms a 40M signal. When I switch both band switches, starting from the 20M position, they switch like this: 40M -> 30M -> 40M.

>

> Any thoughts on what I did wrong?

>

> Rig seems to work fine other than missing 20M. I have had several 40M QSOs with the rig on the bench to test it out.

>

> Thanks.

>

> Bill

> AG4EA

>

3643. Re: Missing 20 Meters?

Yahoo group: pfr3_group
Date: 2012-05-14 02:10:22 UTC
From: billetter1
Topic: 3640 Message: 3643

Thank you for the quick responses to my problem. Mike, Dale and Billy B. all said the same thing and you were correct. Even with your excellent directions on where to look, it still took me several passes with glasses and magnifying visor with loupe to finally find the solder connection that had a couple of tiny solder splash tentacles. It was on S6b. A simple scrape with the dental tool and all is well. I now have a 3 band PFR-3A!

Thanks for your help.

Bill
AG4EA

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Also take a real real close look at R30, R31, And R 32... specfically R30... and the switch contacts of S6b. IF S6b is shorted.. the radio will think you are trying to go to 40. And if r30 is shorted.. same effect.
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: k7wcb@...
> Date: Sun, 13 May 2012 20:49:03 +0000
> Subject: [pfr3_group] Re: Missing 20 Meters?
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>
> I would start with a careful inspection of the board and solder joints starting at the switches and tracing it backwards from there, looking for solder bridges or breaks. If that all looks good could be a faulty switch. It's a mechanical part, it happens.
>
>
>
> Billy B
>
> k7wcb
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>
> --- In pfr3_group@yahoogroups.com, "billetter1" <billetter@> wrote:
>
> >
>
> > I thought I was done with my PFR3A, when I discovered it doesn't have 20 Meters! With the switches in the 20M position, it is actually on 40M. I never noticed this while it was on the bench, but happened to catch it as I was getting prepared to put the rig in the case. In the 20M position, the display is "030.0" and the band reads 40. When I transmit into a dummy load a frequency meter confirms a 40M signal. When I switch both band switches, starting from the 20M position, they switch like this: 40M -> 30M -> 40M.
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> > Any thoughts on what I did wrong?
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>
> > Rig seems to work fine other than missing 20M. I have had several 40M QSOs with the rig on the bench to test it out.
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>
> > Thanks.
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> > Bill
>
> > AG4EA
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3644. Re: [pfr3_group] Re: Missing 20 Meters?

Yahoo group: pfr3_group
Date: 2012-05-14 02:44:31 UTC
From: Mike Malone
Topic: 3640 Message: 3644

You will really love that rig on 20! I will be listening for you next week.

Mike KD5KXF

On Sun, May 13, 2012 at 9:10 PM, billetter1 <
billetter@networktechnologist.com> wrote:

> **
>
>
> Thank you for the quick responses to my problem. Mike, Dale and Billy B.
> all said the same thing and you were correct. Even with your excellent
> directions on where to look, it still took me several passes with glasses
> and magnifying visor with loupe to finally find the solder connection that
> had a couple of tiny solder splash tentacles. It was on S6b. A simple
> scrape with the dental tool and all is well. I now have a 3 band PFR-3A!
>
> Thanks for your help.
>
> Bill
> AG4EA
>
>
> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
> >
> >
> > Also take a real real close look at R30, R31, And R 32... specfically
> R30... and the switch contacts of S6b. IF S6b is shorted.. the radio will
> think you are trying to go to 40. And if r30 is shorted.. same effect.
> >
> > --... ...--
> > Dale - WC7S in Wy
> > To: pfr3_group@yahoogroups.com
> > From: k7wcb@...
>
> > Date: Sun, 13 May 2012 20:49:03 +0000
> > Subject: [pfr3_group] Re: Missing 20 Meters?
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> > I would start with a careful inspection of the board and solder joints
> starting at the switches and tracing it backwards from there, looking for
> solder bridges or breaks. If that all looks good could be a faulty switch.
> It's a mechanical part, it happens.
> >
> >
> >
> > Billy B
> >
> > k7wcb
> >
> >
> >
> > --- In pfr3_group@yahoogroups.com, "billetter1" <billetter@> wrote:
> >
> > >
> >
> > > I thought I was done with my PFR3A, when I discovered it doesn't have
> 20 Meters! With the switches in the 20M position, it is actually on 40M. I
> never noticed this while it was on the bench, but happened to catch it as I
> was getting prepared to put the rig in the case. In the 20M position, the
> display is "030.0" and the band reads 40. When I transmit into a dummy load
> a frequency meter confirms a 40M signal. When I switch both band switches,
> starting from the 20M position, they switch like this: 40M -> 30M -> 40M.
> >
> > > >
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> > > Any thoughts on what I did wrong?
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> > > >
> >
> > > Rig seems to work fine other than missing 20M. I have had several 40M
> QSOs with the rig on the bench to test it out.

> >
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> > > Thanks.
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> >
> > > Bill
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> > > AG4EA
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3645. PFR-3A Questions

Yahoo group: pfr3_group
Date: 2012-05-24 06:06:31 UTC
From: Jed Petrovich
Topic: 3645 Message: 3645

Hello all:

I finished building my PFR-3A after several evenings and have now made a few on-air contacts. It's really going to be a nice addition to my collection.

For me, kits are fun and challenging to build and I always learn something new. However, I still have a few questions about the adjustments on pages 10 and 11 of the assembly manual. Some of you may wish to stop reading at this point. It's going to be pretty obvious that my kit building is somewhat synonymous with "painting by the numbers".

I don't have a frequency counter or oscilloscope, so I initially just bypassed these adjustments and finished building. I have since purchased and assembled a frequency counter kit from http://www.pongrance.com/. I've never used a freq counter before, so this again is new territory.

When I first hooked up the freq counter while in Cal.r mode and on TP1, it measured 10.001.8. I had no idea how many "clicks" it would take to get to 10.000, so I thought something wasn't right with the freq counter. The freq counter didn't seem to move after several clicks in each direction.

So, I went another route and hooked the PFR to a dummy load and set my K3 to the same frequency. I entered Cal.r mode and started clicking the "tune up" 10 clicks. I checked the output. Repeat with more clicks, check. To make a long story short, I ended up clicking "tune up" 40 times until the K3 meter showed I was on frequency. I have since confirmed with two other hams that my PFR is close or on frequency. Still, I was a bit surprised that I had to click so many times to get it adjusted. Now I'm wondering if this is similar to the experience of others. I'm also want to know if TP1 only emits a signal when the rig is in Cal.r mode. I still need to do the BFO adjustment.

Thanks for reading... any tips will be very much appreciated.

73,

Jed
AD7KG

3646. RE: [pfr3_group] PFR-3A Questions

Yahoo group: pfr3_group
Date: 2012-05-24 12:54:49 UTC
From: Dale Putnam
Topic: 3645 Message: 3646

Hi Jed, If the bfo trimmer hadn't been set to the 1/4 turn point, prior to calibration, it may take that many clicks to get "on freq". However, usually, the number of clicks count outsomewhere near 10 to 20. The number of clicks are dependant upon the crystal. It may be that recalibration will be needed. Many times I will use the signal from TP1 and a rx on WWV, to calibrate, rather than warm up a counter. The signal from TP1 is on 10mhz during calibration. Hope you can get it working FB in time for the ATS Sprint on July 21. Good Luck,

--... ...--
Dale - WC7S in Wyhttp://ats-sprint.blogspot.com/
To: pfr3_group@yahoogroups.com
From: jwpetrov@...
Date: Thu, 24 May 2012 00:06:31 -0600
Subject: [pfr3_group] PFR-3A Questions

Hello all:
I finished building my PFR-3A after several evenings and have now made a few on-air contacts. It's really going to be a nice addition to my collection.
For me, kits are fun and challenging to build and I always learn something new. However, I still have a few questions about the adjustments on pages 10 and 11 of the assembly manual. Some of you may wish to stop reading at this point. It's going to be pretty obvious that my kit building is somewhat synonymous with "painting by the numbers".

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Thanks for reading... any tips will be very much appreciated.
73,
JedAD7KG

3647. Re: [pfr3_group] PFR-3A Questions

Yahoo group: pfr3_group
Date: 2012-05-24 16:25:31 UTC
From: ckwishmeier@cs.com
Topic: 3645 Message: 3647

I used Dale's approach with WWV and got the frequency right on.

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, May 24, 2012 8:57 am
Subject: RE: [pfr3_group] PFR-3A Questions

Hi Jed,
If the bfo trimmer hadn't been set to the 1/4 turn point, prior to calibration, it may take that many clicks to get "on freq". However, usually, the number of clicks count out somewhere near 10 to 20. The number of clicks are dependant upon the crystal. It may be that recalibration will be needed. Many times I will use the signal from TP1 and a rx on WWV, to calibrate, rather than warm up a counter. The signal from TP1 is on 10mhz during calibration. Hope you can get it working FB in time for the ATS Sprint on July 21.
Good Luck,

--... ...--Dale - WC7S in Wy
http://ats-sprint.blogspot.com/

To: pfr3_group@yahoogroups.com
From: jwpetrov@gmail.com
Date: Thu, 24 May 2012 00:06:31 -0600
Subject: [pfr3_group] PFR-3A Questions

Hello all:

I finished building my PFR-3A after several evenings and have now made a few on-air contacts. It's really going to be a nice addition to my collection.

For me, kits are fun and challenging to build and I always learn something new. However, I still have a few questions about the adjustments on pages 10 and 11 of the assembly manual. Some of you may wish to stop reading at this point. It's going to be pretty obvious that my kit building is somewhat synonymous with "painting by the numbers".

I don't have a frequency counter or oscilloscope, so I initially just bypassed these adjustments and finished building. I have since purchased and assembled a frequency counter kit from http://www.pongrance.com/. I've never used a freq counter before, so this again is new territory.

When I first hooked up the freq counter while in Cal.r mode and on TP1, it measured 10.001.8. I had no idea how many "clicks" it would take to get to 10.000, so I thought something wasn't right with the freq counter. The freq counter didn't seem to move after

several clicks in each direction.

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Thanks for reading... any tips will be very much appreciated.

73,

Jed
AD7KG

3648. Re: [pfr3_group] PFR-3A Questions

Yahoo group: pfr3_group
Date: 2012-05-24 17:19:07 UTC
From: Jed Petrovich
Topic: 3645 Message: 3648

Dale:

Thanks for the reply. I did set the BFO this morning and it was a bit off.
Also found I needed about 30 clicks on Cal.r as indicated by my K3.

However, I'd like to try the WWV method, but it's unclear to me how you
"use the signal from TP1". I'm assuming I'd use my K3, set it on 10.000
("rx on WWV") and somehow adjust the PFR3. I just need a bit more
understanding on how this is done.

Thanks again,

Jed
AD7KG

On Thu, May 24, 2012 at 10:25 AM, <ckwishmeier@...> wrote:

> **
>
>
> I used Dale's approach with WWV and got the frequency right on.
>
> Keith
> WA9S
>
>
>
> -----Original Message-----
> From: Dale Putnam <daleputnam@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Thu, May 24, 2012 8:57 am
> Subject: RE: [pfr3_group] PFR-3A Questions
>
>
> Hi Jed,
> If the bfo trimmer hadn't been set to the 1/4 turn point, prior to
> calibration, it may take that many clicks to get "on freq". However,
> usually, the number of clicks count out
> somewhere near 10 to 20. The number of clicks are dependant upon the
> crystal. It may be that recalibration will be needed. Many times I will use
> the signal from TP1 and a
> rx on WWV, to calibrate, rather than warm up a counter. The signal from
> TP1 is on 10mhz during calibration. Hope you can get it working FB in time
> for the ATS Sprint
> on July 21.
> Good Luck,

>
> --... ...-- Dale - WC7S in Wy
> http://ats-sprint.blogspot.com/
>
>
>
>
> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: jwpetrov@...
> Date: Thu, 24 May 2012 00:06:31 -0600
> Subject: [pfr3_group] PFR-3A Questions
>
>
> Hello all:
>
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> few on-air contacts. It's really going to be a nice addition to my
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> I've never used a freq counter before, so this again is new territory.
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> freq counter didn't seem to move after several clicks in each direction.
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> "tune up" 10 clicks. I checked the output. Repeat with more clicks, check.
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> the K3 meter showed I was on frequency. I have since confirmed with two
> other hams that my PFR is close or on frequency. Still, I was a bit
> surprised that I had to click so many times to get it adjusted. Now I'm
> wondering if this is similar to the experience of others. I'm also want to
> know if TP1 only emits a signal when the rig is in Cal.r mode. I still need
> to do the BFO adjustment.
>
> Thanks for reading... any tips will be very much appreciated.
>
> 73,

>
> Jed
> AD7KG
>
>
>

3649. RE: [pfr3_group] PFR-3A Questions

Yahoo group: pfr3_group
Date: 2012-05-24 18:12:59 UTC
From: Dale Putnam
Topic: 3645 Message: 3649

Hi Jed, to calibrate with WWV, put the radio in calibrate, after setting the bfo cap 1/4 turn from the original. OR since you have it already close.. leave it there.Next, bring your station rx up on 10 mhz in the am mode. With a good signal, (S-5 or better) a short lead may need to be held onto TP1 to get the "beat" note of the two signals, the one from WWV and the other one from the radio. The closer you get the radio to WWV, the slower the beat will be... until it doesn't beat but very slowly. Then click the radio on to the second calibration process for the bfo, to save the osc calibration. ok?

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: jwpetrov@...
Date: Thu, 24 May 2012 11:19:07 -0600
Subject: Re: [pfr3_group] PFR-3A Questions

Dale:
Thanks for the reply. I did set the BFO this morning and it was a bit off. Also found I needed about 30 clicks on Cal.r as indicated by my K3.
However, I'd like to try the WWV method, but it's unclear to me how you "use the signal from TP1". I'm assuming I'd use my K3, set it on 10.000 ("rx on WWV") and somehow adjust the PFR3. I just need a bit more understanding on how this is done.

Thanks again,
JedAD7KG

On Thu, May 24, 2012 at 10:25 AM, <ckwishmeier@...> wrote:

I used Dale's approach with WWV and got the frequency right on.

Keith

WA9S

-----Original Message-----

From: Dale Putnam <daleputnam@...>

To: pfr3_group <pfr3_group@yahoogroups.com>

Sent: Thu, May 24, 2012 8:57 am

Subject: RE: [pfr3_group] PFR-3A Questions

Hi Jed,

If the bfo trimmer hadn't been set to the 1/4 turn point, prior to calibration, it may take that many clicks to get "on freq". However, usually, the number of clicks count out

somewhere near 10 to 20. The number of clicks are dependant upon the crystal. It may be that recalibration will be needed. Many times I will use the signal from TP1 and a

rx on WWV, to calibrate, rather than warm up a counter. The signal from TP1 is on 10mhz during calibration. Hope you can get it working FB in time for the ATS Sprint

on July 21.

Good Luck,

--... ...--
Dale - WC7S in Wy

http://ats-sprint.blogspot.com/

To: pfr3_group@yahoogroups.com

From: jwpetrov@...

Date: Thu, 24 May 2012 00:06:31 -0600

Subject: [pfr3_group] PFR-3A Questions

Hello all:

I finished building my PFR-3A after several evenings and have now made a few on-air contacts. It's really going to be a nice addition to my collection.

For me, kits are fun and challenging to build and I always learn something new. However, I still have a few questions about the adjustments on pages 10 and 11 of the assembly manual. Some of you may wish to stop reading at this point. It's going to be pretty obvious that my kit building is somewhat synonymous with "painting by the numbers".

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Thanks for reading... any tips will be very much appreciated.

73,

Jed

AD7KG

3650. Re: [pfr3_group] PFR-3A Questions

Yahoo group: pfr3_group
Date: 2012-05-24 19:52:23 UTC
From: Jed Petrovich
Topic: 3645 Message: 3650

Dale:

I think so... I'm at work... radios are 15 miles away.

Does the "short lead" on the TP1 connect to anything or is does it help amplify the signal? I'm assuming that I'll hear something in the headphones plugged into the PFR3? If so, I can handle it from there.

Thanks for your patience and assistance. The good news here is that I have another ham buddy building a PFR3, so I can help him as well.

Jed
AD7KG

On Thu, May 24, 2012 at 12:12 PM, Dale Putnam <daleputnam@...>wrote:

> **
>
>
> Hi Jed,
> to calibrate with WWV, put the radio in calibrate, after setting the bfo
> cap 1/4 turn from the original. OR since you have it already close.. leave
> it there.
> Next, bring your station rx up on 10 mhz in the am mode. With a good
> signal, (S-5 or better) a short lead may need to be held onto TP1 to get
> the "beat" note of the two signals,
> the one from WWV and the other one from the radio. The closer you get the
> radio to WWV, the slower the beat will be... until it doesn't beat but very
> slowly.
> Then click the radio on to the second calibration process for the bfo,
> to save the osc calibration.
>
> ok?
>
>
> --... ...-- Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
> From: jwpetrov@...m
> Date: Thu, 24 May 2012 11:19:07 -0600
> Subject: Re: [pfr3_group] PFR-3A Questions
>
>
>
> Dale:

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> "use the signal from TP1". I'm assuming I'd use my K3, set it on 10.000
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> understanding on how this is done.
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> Jed
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>
> I used Dale's approach with WWV and got the frequency right on.
>
> Keith
> WA9S
>
>
>
> -----Original Message-----
> From: Dale Putnam <daleputnam@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Thu, May 24, 2012 8:57 am
> Subject: RE: [pfr3_group] PFR-3A Questions
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> for the ATS Sprint
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> Good Luck,
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> To: pfr3_group@yahoogroups.com
> From: jwpetrov@gmail.com
> Date: Thu, 24 May 2012 00:06:31 -0600
> Subject: [pfr3_group] PFR-3A Questions
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> wondering if this is similar to the experience of others. I'm also want to
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> Thanks for reading... any tips will be very much appreciated.
>
> 73,
>
> Jed
> AD7KG
>
>

>
>
>
>

3651. RE: [pfr3_group] PFR-3A Questions

Yahoo group: pfr3_group
Date: 2012-05-24 20:51:29 UTC
From: Dale Putnam
Topic: 3645 Message: 3651

Hi Jed, The short lead connected to TP1 flies in the air, radiating a 10mhz signal to your station rx... and the beat you hear is in the station rx... between WWV and the calibration signal from TP1.You're welcome, and if you have any additional questions.. or your buddy.. just email.. either on the reflector or direct. and if you get a chance.. maybe he can get his PFR3 ready in time for the ATS-Sprint too... on 21 July.. see :
http://ats-sprint.blogspot.com/p/rules.html
Have a great day,
--... ...--
Dale - WC7S in Wyhttp To: pfr3_group@yahoogroups.com
From: jwpetrov@...
Date: Thu, 24 May 2012 13:52:23 -0600
Subject: Re: [pfr3_group] PFR-3A Questions

Dale:
I think so... I'm at work... radios are 15 miles away.
Does the "short lead" on the TP1 connect to anything or is does it help amplify the signal? I'm assuming that I'll hear something in the headphones plugged into the PFR3? If so, I can handle it from there.

Thanks for your patience and assistance. The good news here is that I have another ham buddy building a PFR3, so I can help him as well.
JedAD7KG

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the one from WWV and the other one from the radio. The closer you get the radio to WWV, the slower the beat will be... until it doesn't beat but very slowly.
Then click the radio on to the second calibration process for the bfo, to save the osc calibration.

ok?

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jwpetrov@...

Date: Thu, 24 May 2012 11:19:07 -0600
Subject: Re: [pfr3_group] PFR-3A Questions

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Keith

WA9S

-----Original Message-----

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To: pfr3_group <pfr3_group@yahoogroups.com>

Sent: Thu, May 24, 2012 8:57 am

Subject: RE: [pfr3_group] PFR-3A Questions

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Good Luck,

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Dale - WC7S in Wy

http://ats-sprint.blogspot.com/

To: pfr3_group@yahoogroups.com

From: jwpetrov@...

Date: Thu, 24 May 2012 00:06:31 -0600

Subject: [pfr3_group] PFR-3A Questions

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Thanks for reading... any tips will be very much appreciated.

73,

Jed

AD7KG

3652. Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 05:06:18 UTC
From: w3hi@ymail.com
Topic: 2181 Message: 3652

Does anyone know if there is someone still making paddles for the pfr-3? (Jerry Haigwood W5JH no longer makes the baby black widow for it.)

--72, John W3HI

3653. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 08:46:42 UTC
From: Barry N1EU
Topic: 2181 Message: 3653

I think there was a thread a month or two ago about the Bulldog paddle
being available for front mounting to the PFR3.

Barry N1EU

On Fri, May 25, 2012 at 5:06 AM, w3hi@... <w3hi@...> wrote:

> **
>
>
> Does anyone know if there is someone still making paddles for the pfr-3?
> (Jerry Haigwood W5JH no longer makes the baby black widow for it.)
>
> --72, John W3HI
>
>
>

3654. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 12:06:06 UTC
From: Larry Makoski
Topic: 2181 Message: 3654

On 5/25/2012 1:06 AM, w3hi@... wrote:
>
> Does anyone know if there is someone still making paddles for the
> pfr-3? (Jerry Haigwood W5JH no longer makes the baby black widow for it.)
>
> --72, John W3HI
>
>
John,

I have a built set of the Baby Black Widows, if you're interested.

Send me an e-mail and I will forward you pictures off list, tonight when
I get home from work.

Larry W2LJ

--
73 de Larry W2LJ
QRP - When you care to send the very least!

http://w2lj.blogspot.com/
http://www.w2lj.qrpradio.com/

3655. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 12:44:09 UTC
From: Robert Tucker
Topic: 2181 Message: 3655

I have the paddle that I bought with
my PFR3, the one that attaches with
two knurl-head screws. Any interest?
Robert
K5TD

Sent from my iPhone 4s

On May 25, 2012, at 12:06 AM, "w3hi@..." <w3hi@...> wrote:

> Does anyone know if there is someone still making paddles for the pfr-3? (Jerry Haigwood W5JH no longer makes the baby black widow for it.)
>
> --72, John W3HI
>
>
>
>
>
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>

3656. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 14:26:21 UTC
From: Lee Mairs (SAG)
Topic: 2181 Message: 3656

IMHO, mounting paddles on the PFR-3 is a mistake. I had them on my PFR3 (Thanks Dale!) for about one QSO and then removed them in favor of one of the small paddle sets made by the AZQRP club several years ago. It just doesn't make sense to me to use radio-mounted paddles - especially if they are as difficult to use as the original PFR mounted paddles. Besides, the paddles protrucing from the front of the radio are just begging to be broken off.
73 de Lee
KM4YY

On 5/25/2012 4:46 AM, Barry N1EU wrote:
>
>
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> being available for front mounting to the PFR3.
>
> Barry N1EU
>
> On Fri, May 25, 2012 at 5:06 AM, w3hi@... <mailto:w3hi@...>
> <w3hi@... <mailto:w3hi@...>> wrote:
>
> Does anyone know if there is someone still making paddles for the
> pfr-3? (Jerry Haigwood W5JH no longer makes the baby black widow for it.)
>
> --72, John W3HI
>
>
>
>
>

3657. RE: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 15:15:03 UTC
From: N. A. Monllor
Topic: 2181 Message: 3657

Greetings Lee,

The paddles I've designed are so close to the body of the radio that, you would be hard pressed to brake these paddle arms off. Besides the entire base being securely screwed onto the radio case, both paddle arms fold down and against the base. The only way to break the arms off would be to actually pry the paddle arms up and away from the base and then literally, with some very major force, pull the arms out, off of the bulldog clip. What I'm trying to say is that, you would have to WANT to break the arms off.

The second feature of this design is that, I don't need to carry and plug-in and fiddle with a separate paddle and it's wire. All in all, it's a very neat little package. If you were to go to the photo section and look into the KG4BAS folder, you'll see what I'm trying to explain.

Have a great Memorial Day weekend,

Ren

KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Lee Mairs (SAG)
Sent: Friday, May 25, 2012 10:26 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Paddles

IMHO, mounting paddles on the PFR-3 is a mistake. I had them on my PFR3 (Thanks Dale!) for about one QSO and then removed them in favor of one of the small paddle sets made by the AZQRP club several years ago. It just doesn't make sense to me to use radio-mounted paddles - especially if they are as difficult to use as the original PFR mounted paddles. Besides, the paddles protrucing from the front of the radio are just begging to be broken off.
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Barry N1EU

On Fri, May 25, 2012 at 5:06 AM, w3hi@... <w3hi@...> wrote:

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--72, John W3HI

3658. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 15:16:18 UTC
From: ckwishmeier@cs.com
Topic: 2181 Message: 3658

Interesting comment. I have been delighted with the Hendrick's radio-mounted paddles and have been using this setup for over a year. My PFR-3A is used in the home shack but most often out in the field with a Buddipole antenna. Sending speed 20-30 wpm. Just clean the screw contact with a dollar bill once in a while and good to go. On my base rig (TenTec Omni VI+) I use a Bencher paddle or my Kent or my Vibroplex. To each as own I guess. Fun comments.

Keith WA9S

-----Original Message-----
From: Lee Mairs (SAG) <lmairs@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, May 25, 2012 10:26 am
Subject: Re: [pfr3_group] Paddles

IMHO, mounting paddles on the PFR-3 is a mistake. I had them on my PFR3 (Thanks Dale!) for about one QSO and then removed them in favor of one of the small paddle sets made by the AZQRP club several years ago. It just doesn't make sense to me to use radio-mounted paddles - especially if they are as difficult to use as the original PFR mounted paddles. Besides, the paddles protrucing from the front of the radio are just begging to be broken off.
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3659. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 15:54:28 UTC
From: Mike Malone
Topic: 2181 Message: 3659

Mounting paddles is a wonderful thing if you are operating in the field in compromised positions. I can operate with the original mounted paddles standing in the field or sitting on a stump, rock or the tailgate of my truck quite comfortably and honestly I am really pleased with the old original stock PFR paddle. It is light, runs 20 wpm just fine as long as adjusted right and is tough enough to survive in my pack or bag. I have Jeffy's key too and frankly it is heavy and geared more towards operating from a picnic bench. It is a very nice key but it mounts straight out from the rig... if you hold the rig and stand and operate you understand pretty quick why the original mounts at an angle. It really comes down to what style operating you are doing. Good weekend to all and I hope to work some of you for the ARCI event Sunday Night. I will be setup in the field somewhere and stoking the fire with chile dogs.

Mike KD5KXF

On Fri, May 25, 2012 at 9:26 AM, Lee Mairs (SAG) <lmairs@...> wrote:

> **
>
>
> IMHO, mounting paddles on the PFR-3 is a mistake. I had them on my PFR3
> (Thanks Dale!) for about one QSO and then removed them in favor of one of
> the small paddle sets made by the AZQRP club several years ago. It just
> doesn't make sense to me to use radio-mounted paddles - especially if they
> are as difficult to use as the original PFR mounted paddles. Besides, the
> paddles protrucing from the front of the radio are just begging to be
> broken off.
> 73 de Lee
> KM4YY
>
>
>
> On 5/25/2012 4:46 AM, Barry N1EU wrote:
>
> I think there was a thread a month or two ago about the Bulldog paddle
> being available for front mounting to the PFR3.
>
> Barry N1EU
>
> On Fri, May 25, 2012 at 5:06 AM, w3hi@... <w3hi@...> wrote:
>
>>
>>
>> Does anyone know if there is someone still making paddles for the pfr-3?
>> (Jerry Haigwood W5JH no longer makes the baby black widow for it.)

>>
>> --72, John W3HI
>>
>>
>
>

3660. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 15:55:51 UTC
From: Mike Malone
Topic: 2181 Message: 3660

That should have been Jerry's key... sorry...

> Mike KD5KXF
>
>
> On Fri, May 25, 2012 at 9:26 AM, Lee Mairs (SAG) <lmairs@...>wrote:
>
>>
>>
>> IMHO, mounting paddles on the PFR-3 is a mistake. I had them on my PFR3
>> (Thanks Dale!) for about one QSO and then removed them in favor of one of
>> the small paddle sets made by the AZQRP club several years ago. It just
>> doesn't make sense to me to use radio-mounted paddles - especially if they
>> are as difficult to use as the original PFR mounted paddles. Besides, the
>> paddles protrucing from the front of the radio are just begging to be
>> broken off.
>> 73 de Lee
>> KM4YY
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>>
>>
>> On 5/25/2012 4:46 AM, Barry N1EU wrote:
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>> I think there was a thread a month or two ago about the Bulldog paddle
>> being available for front mounting to the PFR3.
>>
>> Barry N1EU
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>> On Fri, May 25, 2012 at 5:06 AM, w3hi@... <w3hi@...> wrote:
>>
>>>
>>>
>>> Does anyone know if there is someone still making paddles for the pfr-3?
>>> (Jerry Haigwood W5JH no longer makes the baby black widow for it.)
>>>
>>> --72, John W3HI
>>>
>>>
>>
>>
>
> I have Jeffy's key too

3661. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 16:05:26 UTC
From: Roberto Salazar
Topic: 2181 Message: 3661

I have been using Ren's Bulldog paddles on my PFR-3A.
No complains at all. Once adjusted to my likeness they are working fine.
Non obstructive and not bulky at all. They fold for storage, light weight but tough at same time.
Just the right thing for travel or backpacking.

72 de Rob.
YS1RS
www.youtube.com/robertosala1

From: N. A. Monllor <nmonllor@...>
To: pfr3_group@yahoogroups.com
Sent: Friday, May 25, 2012 9:15 AM
Subject: RE: [pfr3_group] Paddles

Greetings Lee,

The paddles I've designed are so close to the body of the radio that, you would be hard pressed to brake these paddle arms off. Besides the entire base being securely screwed onto the radio case, both paddle arms fold down and against the base. The only way to break the arms off would be to actually pry the paddle arms up and away from the base and then literally, with some very major force, pull the arms out, off of the bulldog clip. What I'm trying to say is that, you would have to WANT to break the arms off.
The second feature of this design is that, I don't need to carry and plug-in and fiddle with a separate paddle and it's wire. All in all, it's a very neat little package. If you were to go to the photo section and look into the KG4BAS folder, you'll see what I'm trying to explain.

Have a great Memorial Day weekend,

Ren
KG4BAS

From:pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Lee Mairs (SAG)
Sent: Friday, May 25, 2012 10:26 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Paddles

IMHO, mounting paddles on the PFR-3 is a mistake. I had them on my PFR3 (Thanks Dale!) for about one QSO and then removed them in favor of one of the small paddle sets made by the AZQRP club several years ago. It just doesn't make sense to me to use radio-mounted paddles - especially if they are as difficult to use as the original PFR mounted paddles. Besides, the paddles protrucing from the front of the radio are just begging to be broken off.
73 de Lee

KM4YY

On 5/25/2012 4:46 AM, Barry N1EU wrote:
I think there was a thread a month or two ago about the Bulldog paddle being available for front mounting to the PFR3.
>
>Barry N1EU
>On Fri, May 25, 2012 at 5:06 AM, w3hi@ymail.com <w3hi@...> wrote:
>
>Does anyone know if there is someone still making paddles for the pfr-3? (Jerry Haigwood W5JH no longer makes the baby black widow for it.)
>
>--72, John W3HI
>

3662. Re: [pfr3_group] Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 16:27:40 UTC
From: Dale Putnam
Topic: 2181 Message: 3662

These work! Very nicely.
Have a great day,
Dale - WC7S

-----Original Message-----
From: "N. A. Monllor" <nmonllor@...>
Date: Fri, 25 May 2012 15:15:03
To: <pfr3_group@yahoogroups.com>
Subject: RE: [pfr3_group] Paddles

Greetings Lee,

The paddles I've designed are so close to the body of the radio that, you would be hard pressed to brake these paddle arms off. Besides the entire base being securely screwed onto the radio case, both paddle arms fold down and against the base. The only way to break the arms off would be to actually pry the paddle arms up and away from the base and then literally, with some very major force, pull the arms out, off of the bulldog clip. What I'm trying to say is that, you would have to WANT to break the arms off.
The second feature of this design is that, I don't need to carry and plug-in and fiddle with a separate paddle and it's wire. All in all, it's a very neat little package. If you were to go to the photo section and look into the KG4BAS folder, you'll see what I'm trying to explain.

Have a great Memorial Day weekend,

Ren
KG4BAS

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Lee Mairs (SAG)
Sent: Friday, May 25, 2012 10:26 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Paddles

IMHO, mounting paddles on the PFR-3 is a mistake. I had them on my PFR3 (Thanks Dale!) for about one QSO and then removed them in favor of one of the small paddle sets made by the AZQRP club several years ago. It just doesn't make sense to me to use radio-mounted paddles - especially if they are as difficult to use as the original PFR mounted paddles. Besides, the paddles protrucing from the front of the radio are just begging to be broken off.
73 de Lee
KM4YY

On 5/25/2012 4:46 AM, Barry N1EU wrote:
I think there was a thread a month or two ago about the Bulldog paddle being available for front mounting to the PFR3.

Barry N1EU

On Fri, May 25, 2012 at 5:06 AM, w3hi@... <mailto:w3hi@...> <w3hi@... <mailto:w3hi@...> > wrote:

Does anyone know if there is someone still making paddles for the pfr-3? (Jerry Haigwood W5JH no longer makes the baby black widow for it.)

--72, John W3HI

3663. Re: Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 16:40:49 UTC
From: w3hi@ymail.com
Topic: 2181 Message: 3663

Guys, thank you very much for all the information and offers. I have a friend that insists I try his Palm Paddles for awhile to see if I like them. I couldn't refuse, so I'll withdraw my request until I can evaluate them.

Thanks again!
--John W3HI

--- In pfr3_group@yahoogroups.com, "w3hi@..." <w3hi@...> wrote:
>
> Does anyone know if there is someone still making paddles for the pfr-3? (Jerry Haigwood W5JH no longer makes the baby black widow for it.)
>
> --72, John W3HI
>

3664. Re: [pfr3_group] Re: Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 17:12:50 UTC
From: Lee Mairs (SAG)
Topic: 2181 Message: 3664

I was very unhappy with the Palm paddles. Required two hands to operate.
73 de Lee
KM4YY

On 5/25/2012 12:40 PM, w3hi@... wrote:
> Guys, thank you very much for all the information and offers. I have a friend that insists I try his Palm Paddles for awhile to see if I like them. I couldn't refuse, so I'll withdraw my request until I can evaluate them.
>
> Thanks again!
> --John W3HI
>
>
>
>
> --- In pfr3_group@yahoogroups.com, "w3hi@..."<w3hi@...> wrote:
>> Does anyone know if there is someone still making paddles for the pfr-3? (Jerry Haigwood W5JH no longer makes the baby black widow for it.)
>>
>> --72, John W3HI
>>
>
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> ------------------------------------
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> Yahoo! Groups Links
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3665. Re: [pfr3_group] Re: Paddles

Yahoo group: pfr3_group
Date: 2012-05-25 17:24:37 UTC
From: Mike Malone
Topic: 2181 Message: 3665

I had the same issue when I tried some with a friends k-1 but I heard some folks
put steel on part of the case to hold the magnets and that it becomes a one handed
operation. I am fairly heavy handed though so YMMV. Somewhere there is a redneck
who has a set jb welded to an anvil.

Mike KD5KXF

On Fri, May 25, 2012 at 12:12 PM, Lee Mairs (SAG) <lmairs@...>wrote:

> **
>
>
> I was very unhappy with the Palm paddles. Required two hands to operate.
> 73 de Lee
> KM4YY
>
>
> On 5/25/2012 12:40 PM, w3hi@... wrote:
> > Guys, thank you very much for all the information and offers. I have a
> friend that insists I try his Palm Paddles for awhile to see if I like
> them. I couldn't refuse, so I'll withdraw my request until I can evaluate
> them.
> >
> > Thanks again!
> > --John W3HI
> >
> >
> >
> >
> > --- In pfr3_group@yahoogroups.com, "w3hi@..."<w3hi@...> wrote:
> >> Does anyone know if there is someone still making paddles for the
> pfr-3? (Jerry Haigwood W5JH no longer makes the baby black widow for it.)
> >>
> >> --72, John W3HI
> >>
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3666. Re: [pfr3_group] PFR-3A Questions

Yahoo group: pfr3_group
Date: 2012-05-25 21:26:03 UTC
From: Jed Petrovich
Topic: 3645 Message: 3666

Dale:

Just a brief follow up... I was able to get my PFR calibrated last night. It was a bit hard to hear the "beat", but it was "right on" according to my K3's CWT display. I'm definitely going to provide some help to my friend when he's ready. He has a hearing problem and I doubt he would have been able to calibrate on his own. Thanks from both of us for your assistance.

This morning, however, I was doing my on-air practice and it appears the PFR drifted a bit towards the end of my QSO. I'm assuming this is normal. Perhaps it would be advisable to work the PFR into my dummy load for a while and then calibrate again?

Another question... I'm getting about 7 watts out on 20m using a gel cell that puts out about 12.5 volts. Should I do something to bring this closer to 5 watts?

73,

Jed
AD7KG

On Thu, May 24, 2012 at 6:54 AM, Dale Putnam <daleputnam@...> wrote:

> **
>
>
> Hi Jed,
> If the bfo trimmer hadn't been set to the 1/4 turn point, prior to
> calibration, it may take that many clicks to get "on freq". However,
> usually, the number of clicks count out
> somewhere near 10 to 20. The number of clicks are dependant upon the
> crystal. It may be that recalibration will be needed. Many times I will use
> the signal from TP1 and a
> rx on WWV, to calibrate, rather than warm up a counter. The signal from
> TP1 is on 10mhz during calibration. Hope you can get it working FB in time
> for the ATS Sprint
> on July 21.
> Good Luck,
>
> --... ...-- Dale - WC7S in Wy
> http://ats-sprint.blogspot.com/
>
>
>
>
> ------------------------------

> To: pfr3_group@yahoogroups.com
> From: jwpetrov@...
> Date: Thu, 24 May 2012 00:06:31 -0600
> Subject: [pfr3_group] PFR-3A Questions
>
>
>
> Hello all:
>
> I finished building my PFR-3A after several evenings and have now made a
> few on-air contacts. It's really going to be a nice addition to my
> collection.
>
> For me, kits are fun and challenging to build and I always learn something
> new. However, I still have a few questions about the adjustments on pages
> 10 and 11 of the assembly manual. Some of you may wish to stop reading at
> this point. It's going to be pretty obvious that my kit building is
> somewhat synonymous with "painting by the numbers".
>
> I don't have a frequency counter or oscilloscope, so I initially just
> bypassed these adjustments and finished building. I have since purchased
> and assembled a frequency counter kit from http://www.pongrance.com/.
> I've never used a freq counter before, so this again is new territory.
>
> When I first hooked up the freq counter while in Cal.r mode and on TP1, it
> measured 10.001.8. I had no idea how many "clicks" it would take to get to
> 10.000, so I thought something wasn't right with the freq counter. The freq
> counter didn't seem to move after several clicks in each direction.
>
> So, I went another route and hooked the PFR to a dummy load and set my K3
> to the same frequency. I entered Cal.r mode and started clicking the "tune
> up" 10 clicks. I checked the output. Repeat with more clicks, check. To
> make a long story short, I ended up clicking "tune up" 40 times until the
> K3 meter showed I was on frequency. I have since confirmed with two other
> hams that my PFR is close or on frequency. Still, I was a bit surprised
> that I had to click so many times to get it adjusted. Now I'm wondering if
> this is similar to the experience of others. I'm also want to know if TP1
> only emits a signal when the rig is in Cal.r mode. I still need to do the
> BFO adjustment.
>
> Thanks for reading... any tips will be very much appreciated.
>
> 73,
>
> Jed
> AD7KG
>
>
>
>

3667. RE: [pfr3_group] PFR-3A Questions

Yahoo group: pfr3_group
Date: 2012-05-26 03:27:45 UTC
From: Dale Putnam
Topic: 3645 Message: 3667

Hi Jed, The dds won't drift very far, maybe a temp thing but not a whole lot, even then, unless calibration is accomplished at one extreme then the radio is operated at the other end... but thatis really a stretch. I let the ones here stabilize to room temp, prior to calibrating. Unless I know the owner only uses it outside, and in cold weather constantly. Then I'll calibrate it a bit on the cooler side. But that rarely makes any difference. A check of the components around the dds for cracks in the bodies of caps, might be worth the trip, if it is drifting very much. As for 7 watts on 20.. it is more critical if the current is nearing the limit of the finals.. then decoupling would be called for in the interest of saving the finals during a tuneup or while using an intermittant high swr antenna. The intermittant will kill a set of finals about the quickest, especially if the finals are being shoved to make the most rf possible I like to keep the current limited to 950 ma or so, as measured to the radio from the power supply/battery, at 12v. Good luck with it Jed, and we'll do that Q one of these days, maybe during the ATS-Sprint? Check that at:http://ats-sprint.blogspot.com/ Have a great day, and I'll keep an ear out for you too,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: jwpetrov@...
Date: Fri, 25 May 2012 15:26:03 -0600
Subject: Re: [pfr3_group] PFR-3A Questions

Dale:
Just a brief follow up... I was able to get my PFR calibrated last night. It was a bit hard to hear the "beat", but it was "right on" according to my K3's CWT display. I'm definitely going to provide some help to my friend when he's ready. He has a hearing problem and I doubt he would have been able to calibrate on his own. Thanks from both of us for your assistance.

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Another question... I'm getting about 7 watts out on 20m using a gel cell that puts out about 12.5 volts. Should I do something to bring this closer to 5 watts?
73,

JedAD7KG

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Hi Jed,
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rx on WWV, to calibrate, rather than warm up a counter. The signal from TP1 is on 10mhz during calibration. Hope you can get it working FB in time for the ATS Sprint on July 21.
Good Luck,

--... ...--
Dale - WC7S in Wy
http://ats-sprint.blogspot.com/

To: pfr3_group@yahoogroups.com

From: jwpetrov@...
Date: Thu, 24 May 2012 00:06:31 -0600
Subject: [pfr3_group] PFR-3A Questions

Hello all:
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When I first hooked up the freq counter while in Cal.r mode and on TP1, it measured 10.001.8. I had no idea how many "clicks" it would take to get to 10.000, so I thought something wasn't right with the freq counter. The freq counter didn't seem to move after several clicks in each direction.

So, I went another route and hooked the PFR to a dummy load and set my K3 to the same frequency. I entered Cal.r mode and started clicking the "tune up" 10 clicks. I checked the output. Repeat with more clicks, check. To make a long story short, I ended up clicking "tune up" 40 times until the K3 meter showed I was on frequency. I have since confirmed with two other hams that my PFR is close or on frequency. Still, I was a bit surprised that I had to click so many times to get it adjusted. Now I'm wondering if this is similar to the experience of others. I'm also want to know if TP1 only emits a signal when the rig is in Cal.r mode. I still need to do the BFO adjustment.

Thanks for reading... any tips will be very much appreciated.
73,
JedAD7KG

3668. troubleshooting internal BLT

Yahoo group: pfr3_group
Date: 2012-05-27 03:38:51 UTC
From: doublehelix454@hotmail.com
Topic: 3668 Message: 3668

Hello: I have just finished building my PFR-3A kit and all works great...except that there is no power output through the BLT. Using S8 on the coax setting works perfectly - 5 watts out.

Whenever S8 is switched (toward the right) to run the siganl through the BLT, there is no power out to my wattmeter at all. This is true on both low-Z and high-Z settings. It is true for "tune" mode, as well as "operate" mode.

Also, received signals are very poor through the BLT. S11 on the rear panel is always kept toward the coax jack. All of the solder points look good.

I must have screwed up somewhere, though. Any suggestions for the best way to proceed with troubleshooting are much appreciated.

72,

Ed KB3SZZ

3669. RE: [pfr3_group] troubleshooting internal BLT

Yahoo group: pfr3_group
Date: 2012-05-27 03:54:42 UTC
From: Dale Putnam
Topic: 3668 Message: 3669

S8 is used to switch between a direct coax connection to the BNC jack or the BLT (balanced line tuner). The Coax position is
of course used if you are using a resonate, coax feed antenna or an external tuner. The BLT position is used when the built in
tuner is desired and is normally used with ladder line feed antennas, Does the led light up, in the blt position? The tuning is very sharp on the blt, can they be peaked for better rx? With the back panel switch pointing toward the coax connector, and the BLT, selected to LOW impedance,This can be done easiest with S7 in the operate position. Then S7 can be switched to TUNE, for the minor tweaks for the tx to match correctly.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: doublehelix454@...
Date: Sun, 27 May 2012 03:38:51 +0000
Subject: [pfr3_group] troubleshooting internal BLT

Hello: I have just finished building my PFR-3A kit and all works great...except that there is no power output through the BLT. Using S8 on the coax setting works perfectly - 5 watts out.

Whenever S8 is switched (toward the right) to run the siganl through the BLT, there is no power out to my wattmeter at all. This is true on both low-Z and high-Z settings. It is true for "tune" mode, as well as "operate" mode.

Also, received signals are very poor through the BLT. S11 on the rear panel is always kept toward the coax jack. All of the solder points look good.

I must have screwed up somewhere, though. Any suggestions for the best way to proceed with troubleshooting are much appreciated.

72,

Ed KB3SZZ

3670. Re: [pfr3_group] troubleshooting internal BLT

Yahoo group: pfr3_group
Date: 2012-05-27 12:25:35 UTC
From: Steve Smith
Topic: 3668 Message: 3670

Hello Ed,

S11 toggle must be optioned toward the binding posts for unbalanced loads otherwise the coaxial connector is not connected to the BLT.

See ass'y. man. pg. 20 about 3/4 down the page.

Best of luck with your new PFR3A!

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: doublehelix454@...
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] troubleshooting internal BLT
Date: Sun, 27 May 2012 03:38:51 -0000

S11 on the rear panel is always kept toward the coax jack.

3671. Re: troubleshooting internal BLT

Yahoo group: pfr3_group
Date: 2012-05-27 13:37:07 UTC
From: doublehelix454@hotmail.com
Topic: 3668 Message: 3671

Thanks Dale and Steve. My rear panel switch WAS in the wrong direction. Now to get outside for some QSOs! Thanks for the help!

Ed KB3SZZ
==========

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hello Ed,
>
> S11 toggle must be optioned toward the binding posts for unbalanced loads otherwise the coaxial connector is not connected to the BLT.
>
> See ass'y. man. pg. 20 about 3/4 down the page.
>
> Best of luck with your new PFR3A!
>
> 73.......Steve Smith WB6TNL
>

3672. RE: [pfr3_group] Re: troubleshooting internal BLT

Yahoo group: pfr3_group
Date: 2012-05-27 13:40:36 UTC
From: Dale Putnam
Topic: 3668 Message: 3672

Very Good!! Ed, that is a common thing... did it myself too. Maybe we can do a 3-2-3-Q one day soon. Have a great fun weekend with it!!

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: doublehelix454@hotmail.com
Date: Sun, 27 May 2012 13:37:07 +0000
Subject: [pfr3_group] Re: troubleshooting internal BLT

Thanks Dale and Steve. My rear panel switch WAS in the wrong direction. Now to get outside for some QSOs! Thanks for the help!

Ed KB3SZZ

==========

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:

>

> Hello Ed,

>

> S11 toggle must be optioned toward the binding posts for unbalanced loads otherwise the coaxial connector is not connected to the BLT.

>

> See ass'y. man. pg. 20 about 3/4 down the page.

>

> Best of luck with your new PFR3A!

>

> 73.......Steve Smith WB6TNL

>

3673. RE: [pfr3_group] Re: troubleshooting internal BLT

Yahoo group: pfr3_group
Date: 2012-05-28 02:07:49 UTC
From: E Neubauer
Topic: 3668 Message: 3673

Thanks, Dale. That would be FB, indeed.
To: pfr3_group@yahoogroups.com
From: daleputnam@...
Date: Sun, 27 May 2012 07:40:36 -0600
Subject: RE: [pfr3_group] Re: troubleshooting internal BLT

Very Good!! Ed, that is a common thing... did it myself too.
Maybe we can do a 3-2-3-Q one day soon.
Have a great fun weekend with it!!

--... ...--
Dale - WC7S in Wy

3674. Please remove w8oey@aol.com from your list. Deceased March 31. Thanks

Yahoo group: pfr3_group
Date: 2012-05-30 15:36:06 UTC
From: grandpa
Topic: 2181 Message: 3674

-----Original Message-----
From: Robert Tucker <k5td_qrp@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, May 25, 2012 8:44 am
Subject: Re: [pfr3_group] Paddles

I have the paddle that I bought with
my PFR3, the one that attaches with
two knurl-head screws. Any interest?
Robert
K5TD

Sent from my iPhone 4s

On May 25, 2012, at 12:06 AM, "w3hi@..." <w3hi@...> wrote:

Does anyone know if there is someone still making paddles for the pfr-3? (Jerry Haigwood W5JH no longer makes the baby black widow for it.)

--72, John W3HI

=

3675. For Sale PFR-3

Yahoo group: pfr3_group
Date: 2012-06-02 19:24:54 UTC
From: hmason32
Topic: 3675 Message: 3675

For Sale: PFR-3 with Key, built and tested. Battery Box not installed but included. $125 plus shipping with key or $100 plus shipping without key. You choose shipping method,

3676. QSO in tune mode

Yahoo group: pfr3_group
Date: 2012-06-03 16:13:39 UTC
From: doublehelix454@hotmail.com
Topic: 3676 Message: 3676

Hello: I am wondering if anyone has gone QRPp with the PFR-3A and had a QSO in tune mode. I know you'd have to switch back to operate mode for best receiving, but it seems like this would be possible. Thanks,

Ed KB3SZZ

3677. Re: QSO in tune mode

Yahoo group: pfr3_group
Date: 2012-06-03 18:18:41 UTC
From: k6mgo@verizon.net
Topic: 3676 Message: 3677

Yep, Guilty as charged.:) One Saturday morning, shortly after completing my PFR3, I checked into the the QRP-WSN net, with my indoor antenna. I got signal reports from 339 to 559, with it in Tune Position. But it works better with it in Operate position. :)

72, de Bill, k6mgo

--- In pfr3_group@yahoogroups.com, doublehelix454@... wrote:
>
> Hello: I am wondering if anyone has gone QRPp with the PFR-3A and had a QSO in tune mode. I know you'd have to switch back to operate mode for best receiving, but it seems like this would be possible. Thanks,
>
> Ed KB3SZZ
>

3678. RE: [pfr3_group] QSO in tune mode

Yahoo group: pfr3_group
Date: 2012-06-03 18:30:33 UTC
From: Dale Putnam
Topic: 3676 Message: 3678

I'd be for adding a switch to reduce voltage, to extend battery life, and sustain finals during tuneup, and run QRPp. Then I wouldn't have to switch modes.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: doublehelix454@...
Date: Sun, 3 Jun 2012 16:13:39 +0000
Subject: [pfr3_group] QSO in tune mode

Hello: I am wondering if anyone has gone QRPp with the PFR-3A and had a QSO in tune mode. I know you'd have to switch back to operate mode for best receiving, but it seems like this would be possible. Thanks,

Ed KB3SZZ

3679. Re: [pfr3_group] Re: QSO in tune mode

Yahoo group: pfr3_group
Date: 2012-06-03 18:42:34 UTC
From: lahagar1@aol.com
Topic: 3676 Message: 3679

Yes, unintentional QRPp:

http://youtu.be/b6csjsbm7vE

http://youtu.be/v0JYYZ9Ywng

The second example is a bit more embarrassing since I forgot how to set the keyer speed. Senior moment. Anyway, I hadn't realized I was operating in tune mode at the time. Only after reviewing the videos I saw my goof-up! ... but I have been losing my car keys periodically too...

PS - if you would like to see Joe's keys: www.youtube.com/ng9d

73 all,
Lynn

-----Original Message-----
From: k6mgo <k6mgo@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sun, Jun 3, 2012 1:18 pm
Subject: [pfr3_group] Re: QSO in tune mode

Yep, Guilty as charged.:) One Saturday morning, shortly after completing my PFR3, I checked into the the QRP-WSN net, with my indoor antenna. I got signal reports from 339 to 559, with it in Tune Position. But it works better with it in Operate position. :)

72, de Bill, k6mgo

--- In pfr3_group@yahoogroups.com, doublehelix454@... wrote:
>
> Hello: I am wondering if anyone has gone QRPp with the PFR-3A and had a QSO in tune mode. I know you'd have to switch back to operate mode for best receiving, but it seems like this would be possible. Thanks,
>
> Ed KB3SZZ
>

3680. ATS4 Firmware Flash

Yahoo group: pfr3_group
Date: 2012-06-03 23:42:53 UTC
From: bob_nelson_k2qpn
Topic: 3680 Message: 3680

I am trying to flash the firmware in a ATS4 (original). No luck. I made a cable per the documentation. Ohmed it out several times - seems OK. I attach the cable and power on the ATS4. If I use workbench and open ATS4ND.prj and then AST4ND.s43, the debug icon is grayed out. If I open the ats4edit.eww file, I can start debug. Debug then complies the code but fails "Can't find device".

Any ideas?

Bob K2QPN

3681. Re: [pfr3_group] ATS4 Firmware Flash

Yahoo group: pfr3_group
Date: 2012-06-04 01:31:50 UTC
From: Mike Malone
Topic: 3680 Message: 3681

I am away from my windows box with the TI launchpad stuff but I had to add
the project as a new project and you have to take it out of simulate mode
then it works. There are pretty good details in the follow up posts on
this subject on the at sprint yahoogroup.

Mike KD5KXF
PFR and MTR owner

On Sun, Jun 3, 2012 at 6:42 PM, bob_nelson_k2qpn <K2QPN@...> wrote:

> **
>
>
> I am trying to flash the firmware in a ATS4 (original). No luck. I made a
> cable per the documentation. Ohmed it out several times - seems OK. I
> attach the cable and power on the ATS4. If I use workbench and open
> ATS4ND.prj and then AST4ND.s43, the debug icon is grayed out. If I open the
> ats4edit.eww file, I can start debug. Debug then complies the code but
> fails "Can't find device".
>
> Any ideas?
>
> Bob K2QPN
>
>
>

3682. Re: QSO in tune mode

Yahoo group: pfr3_group
Date: 2012-06-04 16:25:03 UTC
From: wb9dlc
Topic: 3676 Message: 3682

Noooooooo. And I have also never forgotten that the RIT was 'on' and made numerous calls wondering why I couldn't get a reply!! [:p]
Mike - WB9DLChttp://wb9dlc.com

--- In pfr3_group@yahoogroups.com, doublehelix454@... wrote:
>
> Hello: I am wondering if anyone has gone QRPp with the PFR-3A and had a QSO in tune mode. I know you'd have to switch back to operate mode for best receiving, but it seems like this would be possible. Thanks,
>
> Ed KB3SZZ
>

3683. For Sale PFR-3

Yahoo group: pfr3_group
Date: 2012-06-04 19:07:58 UTC
From: hmason32
Topic: 3675 Message: 3683

My PFR-3 has been sold.

3684. RE: [pfr3_group] Re: QSO in tune mode

Yahoo group: pfr3_group
Date: 2012-06-04 23:11:03 UTC
From: E Neubauer
Topic: 3676 Message: 3684

Thanks for the replies. I enjoyed the videos very much and will look for more....and I too have made the RIT blunder on a different radio - YIKES!
73,
Ed KB3SZZ

To: pfr3_group@yahoogroups.com
From: wb9dlc@...
Date: Mon, 4 Jun 2012 16:25:03 +0000
Subject: [pfr3_group] Re: QSO in tune mode

Noooooooo. And I have also never forgotten that the RIT was 'on' and made numerous calls wondering why I couldn't get a reply!!
Mike - WB9DLChttp://wb9dlc.com

--- In pfr3_group@yahoogroups.com, doublehelix454@... wrote:
>
> Hello: I am wondering if anyone has gone QRPp with the PFR-3A and had a QSO in tune mode. I know you'd have to switch back to operate mode for best receiving, but it seems like this would be possible. Thanks,
>
> Ed KB3SZZ
>

3685. Modify tuner?

Yahoo group: pfr3_group
Date: 2012-06-06 15:10:57 UTC
From: john_w3hi
Topic: 3685 Message: 3685

I'm getting ready to build my pfr-3a and am wondering if I need to consider modifying the tuner's range before I put it together. I plan on using a 67' end-fed antenna with a short counterpoise on 40m & 20m, and if it'll tune, on 30m also. Will the tuner be able to handle that or will I need to change some toroid windings, add caps, etc.? An alternative is to shorten the antenna when on 30m to a half wave, but that would be bothersome. Any ideas?

-- John W3HI

3686. Re: [pfr3_group] Modify tuner?

Yahoo group: pfr3_group
Date: 2012-06-06 16:05:50 UTC
From: Jed Petrovich
Topic: 3685 Message: 3686

John:

This isn't my video, but this may give you some ideas...

http://www.youtube.com/watch?v=3kWvXJ_5XgE

73,

Jed
AD7KG

On Wed, Jun 6, 2012 at 9:10 AM, john_w3hi <w3hi@...> wrote:

> **
>
>
> I'm getting ready to build my pfr-3a and am wondering if I need to
> consider modifying the tuner's range before I put it together. I plan on
> using a 67' end-fed antenna with a short counterpoise on 40m & 20m, and if
> it'll tune, on 30m also. Will the tuner be able to handle that or will I
> need to change some toroid windings, add caps, etc.? An alternative is to
> shorten the antenna when on 30m to a half wave, but that would be
> bothersome. Any ideas?
>
> -- John W3HI
>
>
>

3687. Re: [pfr3_group] Modify tuner?

Yahoo group: pfr3_group
Date: 2012-06-06 19:38:30 UTC
From: Steve Smith
Topic: 3685 Message: 3687

Hi John,

I don't recommend modifying the tuner; it's fine for what it is. The BLT in the PFR3A will handle both balanced and unbalanced loads over a relatively wide range of frequencies, just not over a wide range of impedance. It would be etter to change the length of the wire slightly.

The problem you will encounter with 67 ft. is on 40. The impedance at the end of the wire will be much higher than the PFR3 tuner can handle.

The BLT in the PFR3A will handle both balanced and unbalanced loads over a relatively wide range of frequencies, just not over a wide range of impedance. A better length would be, for example, 51' along with an RF return wire of maybe 16 ft. or so. This gets the feedpoint impedance down to something the tuner can handle. There are other convenient lengths that are non-resonant on the 3 bands of interest.

Best of luck with your new kit.

73.......Steve Smith WB6TNL
"Snort Rosin"

---------- Original Message ----------
From: "john_w3hi" <w3hi@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Modify tuner?
Date: Wed, 06 Jun 2012 15:10:57 -0000

I'm getting ready to build my pfr-3a and am wondering if I need to consider modifying the tuner's range before I put it together. I plan on using a 67' end-fed antenna with a short counterpoise on 40m & 20m, and if it'll tune, on 30m also. Will the tuner be able to handle that or will I need to change some toroid windings, add caps, etc.? An alternative is to shorten the antenna when on 30m to a half wave, but that would be bothersome. Any ideas?

-- John W3HI

3688. Re: [pfr3_group] Modify tuner?

Yahoo group: pfr3_group
Date: 2012-06-06 22:37:44 UTC
From: hzp_electronics@juno.com
Topic: 3685 Message: 3688
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

3689. Re: Modify tuner?

Yahoo group: pfr3_group
Date: 2012-06-07 17:23:02 UTC
From: john_w3hi
Topic: 3685 Message: 3689

Great! Thanks everyone for the responses. I'll go ahead and build it as spec'd and try my 67' wire. If it won't tune, I'll shorten it to 65' and try it.

72,
-- John W3HI

3690. Re: [pfr3_group] Re: Modify tuner?

Yahoo group: pfr3_group
Date: 2012-06-07 17:27:09 UTC
From: beargyrils@aol.com
Topic: 3685 Message: 3690

John,
I use a 65 foot wire and a counterpoise wire about 3-5 feet long.
You need safe cracker fingers but it will tune up very nice on all three bands.
BOB
AF2Q

In a message dated 6/7/2012 10:23:09 A.M. Pacific Daylight Time,
w3hi@... writes:

Great! Thanks everyone for the responses. I'll go ahead and build it as spec'd and try my 67' wire. If it won't tune, I'll shorten it to 65' and try it.

72,
-- John W3HI

3691. Switch on rear panel with BLT

Yahoo group: pfr3_group
Date: 2012-06-12 22:09:21 UTC
From: k6mgo@verizon.net
Topic: 3691 Message: 3691

I have a question about the rear panel switch.
The manual says under "Using the BLT Note:" "The handle of the switch on rear panel should be slanted towards the coax jack when using either a balanced line on the binding posts or just a coax feed antenna."

I am using a approx 50 foot doublet, center fed with 450 ohm ladder line. I have tried it with a Elecraft dual balun (1:1 & 4:1) and then the coax to the coax jack, and the 450 ohm ladder line directly to the binding posts.

In both cases, I hear more background noise, and can effect a match with the antenna to the PFR3 with the rear panel switch slanted towards the binding posts, rather than towards the coax jack.

Has anyone else noticed this, or am I the only one?

73, Bill, k6mgo

3692. Re: [pfr3_group] Switch on rear panel with BLT

Yahoo group: pfr3_group
Date: 2012-06-13 00:16:22 UTC
From: Steven Weber
Topic: 3691 Message: 3692

If the toggle switch is wired as showen in the manual diagram, having the switch handle tilted towards the binding posts will ground the black binding post and connect the red post to the center of the BNC jack, effectively tuning the balanced output into a unbalanced output.

This will not make a whole lot of difference, except if the COAX/BLT switch is in the BLT position, in which case the transmitter will be driving the output side of the BLT and this will suck up power.

So, when using balanced feed line like 450 ladder line, the toggle should be towards the BNC jack, which should disconnect the BLT from the jack and keep it as an ungrounded, balanced output. A balun should not be needed in this configuration.

If it works better the other way, you might have the switch wired wrong.

Steve KD1JV

>I have a question about the rear panel switch.
> The manual says under "Using the BLT Note:" "The handle of the switch on
> rear panel should be slanted towards the coax jack when using either a
> balanced line on the binding posts or just a coax feed antenna."
>
> I am using a approx 50 foot doublet, center fed with 450 ohm ladder line.
> I have tried it with a Elecraft dual balun (1:1 & 4:1) and then the coax
> to the coax jack, and the 450 ohm ladder line directly to the binding
> posts.
>
> In both cases, I hear more background noise, and can effect a match with
> the antenna to the PFR3 with the rear panel switch slanted towards the
> binding posts, rather than towards the coax jack.
>
> Has anyone else noticed this, or am I the only one?
>

3693. A new member to your group

Yahoo group: pfr3_group
Date: 2012-06-13 22:44:50 UTC
From: Tim
Topic: 3693 Message: 3693

Have heard so many great things about the PFR-3's, I today found out about this group, and joined right away.

I've been a ham since 1981, and love CW QRP, but own only a home station...and as of yet own no portable rigs.

Would love to buy a new PFR-3 kit,and find someone who's really good at building kits...as that's nothing I'm in any way capable of doing myself.

Have heard there's a few guys in this forum who build kits for other hams, and would very much appreciate it if you gentlemen would contact me.

The portable bug has bitten me after several recent out-in-a-park sessions of listening to the ham bands with a portable Sangean ATS909 and a 20-foot wire antenna. Making ham QSOs in that setting sounds great!

72's/73's,

Tim, KD8GZ
(near Akron, Ohio)

3694. Re: A new member to your group

Yahoo group: pfr3_group
Date: 2012-06-13 22:53:22 UTC
From: Tim
Topic: 3693 Message: 3694

Might help if I give my e-mail address:

kd8gz@...

Thanks, guys.

> Tim, KD8GZ
> (near Akron, Ohio)
>

3695. Re: [pfr3_group] A new member to your group

Yahoo group: pfr3_group
Date: 2012-06-13 23:05:36 UTC
From: beargyrils@aol.com
Topic: 3693 Message: 3695

Hey Tim,I built the kit and I just took my sweet time. I double checked each part before it go soldered and I just used my FT 857 to calibrate it. Dale her know it well enough to build it when he's sleeping and Steve weber will jump in if you have a problem. The rest of the group can walk you through step by step. Trust me. If I built it then you can so go for it. Bob AF2Q
-----Original Message-----
From: "Tim" <kd8gz@hotmail.com>
Sender: pfr3_group@yahoogroups.com
Date: Wed, 13 Jun 2012 22:44:50
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] A new member to your group

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I've been a ham since 1981, and love CW QRP, but own only a home station...and as of yet own no portable rigs.

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72's/73's,

Tim, KD8GZ
(near Akron, Ohio)

3696. RE: [pfr3_group] A new member to your group

Yahoo group: pfr3_group
Date: 2012-06-13 23:10:39 UTC
From: Tim Davisson
Topic: 3693 Message: 3696

Bob...The last time I tried to do a simple solder, I ruined a piece of gear.

While I find the idea of building my own equipment interesting, I have zero interest in trying again to learn how to do it myself. I've learned my limitations and what I am and am not good at! Building stuff isn't what I'm good at.

The part of ham radio I like is operating...not building or repairing anything electronic.

Appreciate your feedback.

72's,

Tim, KD8GZ

To: pfr3_group@yahoogroups.com
From: beargyrils@...
Date: Wed, 13 Jun 2012 23:05:36 +0000
Subject: Re: [pfr3_group] A new member to your group

Hey Tim,I built the kit and I just took my sweet time. I double checked each part before it go soldered and I just used my FT 857 to calibrate it. Dale her know it well enough to build it when he's sleeping and Steve weber will jump in if you have a problem. The rest of the group can walk you through step by step. Trust me. If I built it then you can so go for it. Bob AF2QFrom: "Tim" <kd8gz@...>
Sender: pfr3_group@yahoogroups.com
Date: Wed, 13 Jun 2012 22:44:50 -0000To: <pfr3_group@yahoogroups.com>ReplyTo: pfr3_group@yahoogroups.com
Subject: [pfr3_group] A new member to your group

Have heard so many great things about the PFR-3's, I today found out about this group, and joined right away.

I've been a ham since 1981, and love CW QRP, but own only a home station...and as of yet own no portable rigs.

Would love to buy a new PFR-3 kit,and find someone who's really good at building kits...as that's nothing I'm in any way capable of doing myself.

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72's/73's,

Tim, KD8GZ

(near Akron, Ohio)

3697. Re: [pfr3_group] PFR3 FOR SALE

Yahoo group: pfr3_group
Date: 2012-06-13 23:57:09 UTC
From: lahagar1@aol.com
Topic: 3565 Message: 3697

Hi Bob,

Is this rig still for sale?

73,
Lynn
NG9D

-----Original Message-----
From: beargyrils <beargyrils@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Feb 27, 2012 4:21 pm
Subject: [pfr3_group] PFR3 FOR SALE

Hello,
I'm selling my pfr3 for $235.000 shipped via USPS priority mail.
Reason i'm selling the rig is because I got involved in working the Satellites and now needing different beams,low noise pre Amp,etc.
Mail me off list.
Thanks.
BOB
AF2Q

Hello,
I'm selling my pfr3 for $235.000 shipped via USPS priority mail.
Reason i'm selling the rig is because I got involved in working the Satellites and now needing different beams,low noise pre Amp,etc.
Mail me off list.
Thanks.
BOB
AF2Q

3698. Re: Switch on rear panel with BLT

Yahoo group: pfr3_group
Date: 2012-06-14 14:48:32 UTC
From: k6mgo@verizon.net
Topic: 3691 Message: 3698

Steven,
I checked the wiring of the rear panel switch, both against the picture and schematic and it was wired correctly. I then tried tuning all three bands on the 50' doublet, center fed with flatline. It tuned up perfectly on all three bands. I then did a test with my favorite test method, that is calling "CQ" and checking the Reverse Beacon Net site on the web for responses. I checked both with the switch in the "correct" position and then with the switch in the wrong position, just to see how much effect it had. The fist station reporting show a Snr of 26 dB with switch in correct position and 23 dB in wrong position. the next station reported 7 dB in correct position and 6 dB in wrong position, and the last station reported 3 dB in correct position and no report in wrong position.

How I got off on the wrong foot here thinking that the switch slanted towards the binding posts with balanced line was better I don't know, but, thanks so much for straightening me out.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> If the toggle switch is wired as showen in the manual diagram, having the
> switch handle tilted towards the binding posts will ground the black binding
> post and connect the red post to the center of the BNC jack, effectively
> tuning the balanced output into a unbalanced output.
>
> This will not make a whole lot of difference, except if the COAX/BLT switch
> is in the BLT position, in which case the transmitter will be driving the
> output side of the BLT and this will suck up power.
>
> So, when using balanced feed line like 450 ladder line, the toggle should be
> towards the BNC jack, which should disconnect the BLT from the jack and keep
> it as an ungrounded, balanced output. A balun should not be needed in this
> configuration.
>
> If it works better the other way, you might have the switch wired wrong.
>
> Steve KD1JV

3699. Re: [pfr3_group] Re: Switch on rear panel with BLT

Yahoo group: pfr3_group
Date: 2012-06-14 16:04:43 UTC
From: Lee Mairs (SAG)
Topic: 3691 Message: 3699

Steven -
Did you have the feedline connected to the binding posts for this this experiment?
73 de Lee
KM4YY

On 6/14/2012 10:48 AM, k6mgo@... wrote:
> Steven,
> I checked the wiring of the rear panel switch, both against the picture and schematic and it was wired correctly. I then tried tuning all three bands on the 50' doublet, center fed with flatline. It tuned up perfectly on all three bands. I then did a test with my favorite test method, that is calling "CQ" and checking the Reverse Beacon Net site on the web for responses. I checked both with the switch in the "correct" position and then with the switch in the wrong position, just to see how much effect it had. The fist station reporting show a Snr of 26 dB with switch in correct position and 23 dB in wrong position. the next station reported 7 dB in correct position and 6 dB in wrong position, and the last station reported 3 dB in correct position and no report in wrong position.
>
> How I got off on the wrong foot here thinking that the switch slanted towards the binding posts with balanced line was better I don't know, but, thanks so much for straightening me out.
>
> 73, Bill, k6mgo
>
> --- In pfr3_group@yahoogroups.com, "Steven Weber"<steve.kd1jv@...> wrote:
>> If the toggle switch is wired as showen in the manual diagram, having the
>> switch handle tilted towards the binding posts will ground the black binding
>> post and connect the red post to the center of the BNC jack, effectively
>> tuning the balanced output into a unbalanced output.
>>
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>> output side of the BLT and this will suck up power.
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>> towards the BNC jack, which should disconnect the BLT from the jack and keep
>> it as an ungrounded, balanced output. A balun should not be needed in this
>> configuration.
>>
>> If it works better the other way, you might have the switch wired wrong.
>>
>> Steve KD1JV
>
>
>

> ------------------------------------
>
> Yahoo! Groups Links
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>
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3700. Re: Switch on rear panel with BLT

Yahoo group: pfr3_group
Date: 2012-06-14 16:16:56 UTC
From: k6mgo@verizon.net
Topic: 3691 Message: 3700

Hi Lee,

The name is Bill, and yes, I had the feedline connected to the binding posts, with the rear panel switch handle slanted towards the coax connector per the manual.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Lee Mairs (SAG)" <lmairs@...> wrote:
>
> Steven -
> Did you have the feedline connected to the binding posts for this this
> experiment?
> 73 de Lee
> KM4YY
>
>
>
> On 6/14/2012 10:48 AM, k6mgo@... wrote:
> > Steven,
> > I checked the wiring of the rear panel switch, both against the picture and schematic and it was wired correctly. I then tried tuning all three bands on the 50' doublet, center fed with flatline. It tuned up perfectly on all three bands. I then did a test with my favorite test method, that is calling "CQ" and checking the Reverse Beacon Net site on the web for responses. I checked both with the switch in the "correct" position and then with the switch in the wrong position, just to see how much effect it had. The fist station reporting show a Snr of 26 dB with switch in correct position and 23 dB in wrong position. the next station reported 7 dB in correct position and 6 dB in wrong position, and the last station reported 3 dB in correct position and no report in wrong position.
> >
> > How I got off on the wrong foot here thinking that the switch slanted towards the binding posts with balanced line was better I don't know, but, thanks so much for straightening me out.
> >
> > 73, Bill, k6mgo
> >
> > --- In pfr3_group@yahoogroups.com, "Steven Weber"<steve.kd1jv@> wrote:
> >> If the toggle switch is wired as showen in the manual diagram, having the
> >> switch handle tilted towards the binding posts will ground the black binding
> >> post and connect the red post to the center of the BNC jack, effectively
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> >>
> >> This will not make a whole lot of difference, except if the COAX/BLT switch
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> >> output side of the BLT and this will suck up power.
> >>
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> >> it as an ungrounded, balanced output. A balun should not be needed in this
> >> configuration.
> >>
> >> If it works better the other way, you might have the switch wired wrong.
> >>
> >> Steve KD1JV
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
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> >
>

3701. Re: [pfr3_group] Re: Switch on rear panel with BLT

Yahoo group: pfr3_group
Date: 2012-06-14 17:49:10 UTC
From: Jed Petrovich
Topic: 3691 Message: 3701

Hello everyone:

This has been an interesting thread... However, it still leaves me with a few questions, perhaps academic for me personally, since presently my shack and portable antennas are all coax fed.

By way of introduction, I've only had my PFR-3A on the air for about a month. (And yes, having fun with it.) In the shack, I have a 3-el SteppIR. I also use a Buddipole (used as a vertical with a raised radial) and a vertical loop from KangaUS. The first two antennas are "tuned" and the vert loop requires the use of a tuner on all bands. Hence, all of my antennas have been fed using the coax jack. On the tuned antennas, I have the antenna switch towards the BNC connector and the BLT switch to COAX. On the third antenna, I have the antenna switch towards the Balanced Line side and the BLT switch set to BLT. Of course, I then tune the BLT using the LOAD/TUNE knobs.

So, back to Steve's reply in this thread:

"So, when using balanced feed line like 450 ladder line, the toggle should be
towards the BNC jack, which should disconnect the BLT from the jack and keep it as an ungrounded, balanced output. A balun should not be needed in this configuration."

Question... If I want to use a ladder line fed antenna, what settings do I use if it needs to be tuned? I would have to assume that I'd set the antenna switch towards Balanced Line and the COAX/BLT switch to BLT and then tune as necessary. Right? Wouldn't end-fed antennas also be set up in the same fashion?

73,

Jed
AD7KG

On Thu, Jun 14, 2012 at 10:16 AM, k6mgo@... <k6mgo@...>wrote:

> **
>
>
> Hi Lee,
>
> The name is Bill, and yes, I had the feedline connected to the binding
> posts, with the rear panel switch handle slanted towards the coax connector
> per the manual.
>

> 73, Bill, k6mgo
>
>
> --- In pfr3_group@yahoogroups.com, "Lee Mairs (SAG)" <lmairs@...> wrote:
> >
> > Steven -
> > Did you have the feedline connected to the binding posts for this this
> > experiment?
> > 73 de Lee
> > KM4YY
> >
> >
> >
> > On 6/14/2012 10:48 AM, k6mgo@... wrote:
> > > Steven,
> > > I checked the wiring of the rear panel switch, both against the
> picture and schematic and it was wired correctly. I then tried tuning all
> three bands on the 50' doublet, center fed with flatline. It tuned up
> perfectly on all three bands. I then did a test with my favorite test
> method, that is calling "CQ" and checking the Reverse Beacon Net site on
> the web for responses. I checked both with the switch in the "correct"
> position and then with the switch in the wrong position, just to see how
> much effect it had. The fist station reporting show a Snr of 26 dB with
> switch in correct position and 23 dB in wrong position. the next station
> reported 7 dB in correct position and 6 dB in wrong position, and the last
> station reported 3 dB in correct position and no report in wrong position.
> > >
> > > How I got off on the wrong foot here thinking that the switch slanted
> towards the binding posts with balanced line was better I don't know, but,
> thanks so much for straightening me out.
> > >
> > > 73, Bill, k6mgo
> > >
> > > --- In pfr3_group@yahoogroups.com, "Steven Weber"<steve.kd1jv@> wrote:
> > >> If the toggle switch is wired as showen in the manual diagram, having
> the
> > >> switch handle tilted towards the binding posts will ground the black
> binding
> > >> post and connect the red post to the center of the BNC jack,
> effectively
> > >> tuning the balanced output into a unbalanced output.
> > >>
> > >> This will not make a whole lot of difference, except if the COAX/BLT
> switch
> > >> is in the BLT position, in which case the transmitter will be driving
> the
> > >> output side of the BLT and this will suck up power.
> > >>
> > >> So, when using balanced feed line like 450 ladder line, the toggle
> should be

> > >> towards the BNC jack, which should disconnect the BLT from the jack
> and keep
> > >> it as an ungrounded, balanced output. A balun should not be needed in
> this
> > >> configuration.
> > >>
> > >> If it works better the other way, you might have the switch wired
> wrong.
> > >>
> > >> Steve KD1JV
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
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3702. Re: Switch on rear panel with BLT

Yahoo group: pfr3_group
Date: 2012-06-14 20:19:17 UTC
From: k6mgo@verizon.net
Topic: 3691 Message: 3702

Jed,

This is exactly what I was doing, and it's wrong. If you use balanced line for feed, to the binding posts, you want the rear panel switch to the coax jack, otherwise you are shorting out the black post, and now have unbalanced feed as well as feeding some of the RF back into the back end of the BLT. You would set the coax/BLT switch to BLT.
End FEd antennas would want the black post grounded, so you would slant the switch towards the binding post and again use the BLT, S8 to BLT.

--- In pfr3_group@...m, Jed Petrovich <jwpetrov@...> wrote:
>
> Hello everyone:
>
> This has been an interesting thread... However, it still leaves me with a
> few questions, perhaps academic for me personally, since presently my shack
> and portable antennas are all coax fed.

> Question... If I want to use a ladder line fed antenna, what settings do I
> use if it needs to be tuned? I would have to assume that I'd set the
> antenna switch towards Balanced Line and the COAX/BLT switch to BLT and
> then tune as necessary. Right? Wouldn't end-fed antennas also be set up in
> the same fashion?
>
> 73,
>
> Jed
> AD7KG
>

3703. Re: Modify tuner?

Yahoo group: pfr3_group
Date: 2012-06-17 00:44:56 UTC
From: john_w3hi
Topic: 3685 Message: 3703

Just to let anyone interested know, my PFR-3 is completed with the internal BLT wired as in the manual. It loads my 67' end-fed wire with a 5' counterpoise on all 3 bands with no problems. Thanks again for all the info.

--- In pfr3_group@yahoogroups.com, "john_w3hi" <w3hi@...> wrote:
>
> I'm getting ready to build my pfr-3a and am wondering if I need to consider modifying the tuner's range before I put it together. I plan on using a 67' end-fed antenna with a short counterpoise on 40m & 20m, and if it'll tune, on 30m also. Will the tuner be able to handle that or will I need to change some toroid windings, add caps, etc.? An alternative is to shorten the antenna when on 30m to a half wave, but that would be bothersome. Any ideas?
>
> -- John W3HI
>

3704. Re: [pfr3_group] Re: Modify tuner?

Yahoo group: pfr3_group
Date: 2012-06-17 00:56:05 UTC
From: beargyrils@aol.com
Topic: 3685 Message: 3704

If You look back you will see that I had no issued using a 65 foot wirs and the counter poise is about 4 feet long. Have fun getting the DX cards:-) Bob AF2Q
-----Original Message-----
From: "john_w3hi" <w3hi@ymail.com>
Sender: pfr3_group@yahoogroups.com
Date: Sun, 17 Jun 2012 00:44:56
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Modify tuner?

Just to let anyone interested know, my PFR-3 is completed with the internal BLT wired as in the manual. It loads my 67' end-fed wire with a 5' counterpoise on all 3 bands with no problems. Thanks again for all the info.

--- In pfr3_group@yahoogroups.com, "john_w3hi" <w3hi@...> wrote:
>
> I'm getting ready to build my pfr-3a and am wondering if I need to consider modifying the tuner's range before I put it together. I plan on using a 67' end-fed antenna with a short counterpoise on 40m & 20m, and if it'll tune, on 30m also. Will the tuner be able to handle that or will I need to change some toroid windings, add caps, etc.? An alternative is to shorten the antenna when on 30m to a half wave, but that would be bothersome. Any ideas?
>
> -- John W3HI
>

3705. toroid question

Yahoo group: pfr3_group
Date: 2012-06-23 15:38:53 UTC
From: doublehelix454@hotmail.com
Topic: 3705 Message: 3705

Hello All: Hope this isn't too far off topic. I am planning to construct a couple of small EFHW antennas, as described on the EARC homebrew page <http://www.earchi.org/proj_homebrew.html> for use with the PFR 3A and other radios. These projects call for a T106-2 toroid to be used. I do not have a T106-2, but do have several T80-2. In order to fit the prescribed 25 turns of wire onto my smaller toroid, I would have to double back over the first layer of windings a bit. How will this affect the inductance and performance? Thanks for your help.
73, Ed KB3SZZ

3706. Re: [pfr3_group] toroid question

Yahoo group: pfr3_group
Date: 2012-06-23 15:55:33 UTC
From: BOB AF2Q
Topic: 3705 Message: 3706

The T-80 will work but inductance will depend on wire size and the spacing of the windings. I built the SOTA end fed tuner but went with a T-68-2 core and 16 GA wire. I'm not home now so I can't bring up the site you have here. Bob AF2Q
Former member of the 12 O'clock High skydiving team

-----Original Message-----
From: doublehelix454@hotmail.com
Sender: pfr3_group@yahoogroups.com
Date: Sat, 23 Jun 2012 15:38:53
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] toroid question

Hello All: Hope this isn't too far off topic. I am planning to
construct a couple of small EFHW antennas, as described on the EARC
homebrew page <http://www.earchi.org/proj_homebrew.html> for use with
the PFR 3A and other radios. These projects call for a T106-2 toroid to
be used. I do not have a T106-2, but do have several T80-2. In order
to fit the prescribed 25 turns of wire onto my smaller toroid, I would
have to double back over the first layer of windings a bit. How will
this affect the inductance and performance? Thanks for your help.
73, Ed KB3SZZ

3707. Re: [pfr3_group] toroid question

Yahoo group: pfr3_group
Date: 2012-06-23 16:01:59 UTC
From: Steve Smith
Topic: 3705 Message: 3707

Hello Ed,

Since that "match box" is actually an 'L' network, you will need to maintain the value of the inductor when changing core sizes.

According to Mini Ring Core Calculator, 25 turns on a T-106-2 core is approx. 8.2 - 8.7 uH. For a T-80-2 core the same inductance would be 39 - 40 turns. If you have or can procure some #24 gauge enamel wire, it will fit the core. #22 will fit also but not the plastic insulated wire in the photographs.

In a pinch you could also strip the insulation from the #22 wire and use it bare; the toroid core is non-conductive although you would have to ensure that nothing conductive touches any of the turns.

73.......Steve Smith WB6TNL
"Snort Rosin"

3708. Re: [pfr3_group] toroid question

Yahoo group: pfr3_group
Date: 2012-06-23 16:13:37 UTC
From: Steve Smith
Topic: 3705 Message: 3708

I should have also said that none of the turns of bare wire on the toroid can be allowed to contact one another.

..."the toroid core is non-conductive although you would have to ensure that nothing conductive touches any of the turns."

73.......Steve Smith WB6TNL
"Snort Rosin"

3709. Re: [pfr3_group] toroid question

Yahoo group: pfr3_group
Date: 2012-06-23 18:15:57 UTC
From: Harlan Rogers
Topic: 3705 Message: 3709

Hello, Ed

I think the inductance requirement can be met, but you will definitely have more intrawinding capacitance because of the two layers overlapping. I am not sure if that will be a severe problem or not.

Winding with bare wire as Steve suggested will not work unless the wire has enamel insulation. You can not allow adjacent turns short to one another. That would ruin the inductance for sure.

73, Harlan, K6BS

3710. Re: [pfr3_group] toroid question

Yahoo group: pfr3_group
Date: 2012-06-23 19:20:29 UTC
From: Steve Smith
Topic: 3705 Message: 3710

Hi Harlen,

Yes, you are correct; as I stated in my posts, if adjacent turns touch, or anything conductive touches a turn or turns, bare wire will not work.

Other than that, when wound on coated powdered iron toroid cores, bare copper wire will work. However, I certainly wouldn't recommend it over properly insulated wire.

Regarding the 'L'-network "matchbox" in question, even at QRP levels, the core coating may withstand the potential at the L-C-Ant. node. If bare wire were all I had on hand that would 'comfortably' fit the core, I'd certainly try it.

As I stated, bare copper wire will work OK "in a pinch" but certainly not under all circumstances.

73......Steve Smith WB6TNL

---------- Original Message ----------
From: Harlan Rogers <k6bs@...>
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] toroid question
Date: Sat, 23 Jun 2012 11:15:57 -0700

Winding with bare wire as Steve suggested will not work unless the wire has enamel insulation. You can not allow adjacent turns short to one another. That would ruin the inductance for sure.

73, Harlan, K6BS

3711. RE: [pfr3_group] toroid question

Yahoo group: pfr3_group
Date: 2012-06-23 21:06:05 UTC
From: Jerry Haigwood
Topic: 3705 Message: 3711

Radio shack sells 3 rolls of enameled wire for a few $. The green colored wire they sell is #26. I have wound a lot of toroids with it.

Jerry W5JH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steve Smith
Sent: Saturday, June 23, 2012 2:20 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] toroid question

Hi Harlen,

Yes, you are correct; as I stated in my posts, if adjacent turns touch, or anything conductive touches a turn or turns, bare wire will not work.

Other than that, when wound on coated powdered iron toroid cores, bare copper wire will work. However, I certainly wouldn't recommend it over properly insulated wire.

Regarding the 'L'-network "matchbox" in question, even at QRP levels, the core coating may withstand the potential at the L-C-Ant. node. If bare wire were all I had on hand that would 'comfortably' fit the core, I'd certainly try it.

As I stated, bare copper wire will work OK "in a pinch" but certainly not under all circumstances.

73......Steve Smith WB6TNL

---------- Original Message ----------
From: Harlan Rogers <k6bs@... <mailto:k6bs%40earthlink.net> >
To: pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com>
Subject: Re: [pfr3_group] toroid question
Date: Sat, 23 Jun 2012 11:15:57 -0700

Winding with bare wire as Steve suggested will not work unless the wire has enamel insulation. You can not allow adjacent turns short to one another. That would ruin the inductance for sure.

73, Harlan, K6BS

3712. Re: toroid question

Yahoo group: pfr3_group
Date: 2012-06-23 21:19:01 UTC
From: k6mgo@verizon.net
Topic: 3705 Message: 3712

Just as a matter of curiosity, as long as the PFR3 has a built-in tuner, and Bob AF2Q and John W3HI, among many others, have had good luck tuning a 65-67 foot end-fed random wire,(see posts a few posts back) I'm wondering how that would compare performance wise, to the single band end-fed 66 ft. wire with the matching transformer referenced below? It would seem to me, that a 65-67 ft. wire is a same, if the matching ckt. is inside the box or outside of it. Once you match the wire to the rig, you are going to get the same amount of radiation from the same length of wire, as far as I can see. Am I wrong here?

73, de Bill, k6mgo

--- In pfr3_group@yahoogroups.com, doublehelix454@... wrote:
>
> Hello All: Hope this isn't too far off topic. I am planning to
> construct a couple of small EFHW antennas, as described on the EARC
> homebrew page <http://www.earchi.org/proj_homebrew.html> for use with
> the PFR 3A and other radios. These projects call for a T106-2 toroid to
> be used. I do not have a T106-2, but do have several T80-2. In order
> to fit the prescribed 25 turns of wire onto my smaller toroid, I would
> have to double back over the first layer of windings a bit. How will
> this affect the inductance and performance? Thanks for your help.
> 73, Ed KB3SZZ
>

3713. Re: [pfr3_group] Re: toroid question

Yahoo group: pfr3_group
Date: 2012-06-24 00:08:12 UTC
From: beargyrils@aol.com
Topic: 3705 Message: 3713

Hi Bill,
I have made the A/B test.
I used half wave wire for the bands I wanted to work and they tune very easy even on the pfr3.
But when I switch over to my end fed that is 65 feet long and almost vertical I received much better reports.
I just use a random wire about 4-5 feet long as a counterpoise.
I don't remember where I read it but one ham used the 31 foot telescopic pole and put his rig right at the bottom of the pole.
Then he tied kite string to the end of the remaining wire and heaved it over a tree.
To high he said because it was angled about 20* up
Well he tuned that and he started working so many station and at one point he had DX pile up on him.
They to shoot the guy to get him home:-)

The more wire you can get up high is the best and cheapest way to go and the pfr3 will be heard
BOB
AF2Q

In a message dated 6/23/2012 2:19:07 P.M. Pacific Daylight Time, k6mgo@... writes:

Just as a matter of curiosity, as long as the PFR3 has a built-in tuner, and Bob AF2Q and John W3HI, among many others, have had good luck tuning a 65-67 foot end-fed random wire,(see posts a few posts back) I'm wondering how that would compare performance wise, to the single band end-fed 66 ft. wire with the matching transformer referenced below? It would seem to me, that a 65-67 ft. wire is a same, if the matching ckt. is inside the box or outside of it. Once you match the wire to the rig, you are going to get the same amount of radiation from the same length of wire, as far as I can see. Am I wrong here?

73, de Bill, k6mgo

3714. Re: toroid question

Yahoo group: pfr3_group
Date: 2012-06-24 01:15:03 UTC
From: k6mgo@verizon.net
Topic: 3705 Message: 3714

Thanks Bob,

That's kind of what I thought...You don't need all of the special extra tuning toroid ckt's and all as long as you have a good tuner already in the rig. As you say, getting more wire, high up is the key to it all when it comes to antennas. It's just a waste of money, and the fact that you have a single band antenna, doesn't make sense to me, when you can put up a long wire, and have a multi-band antenna.

I'm not much of a contester, but been having a ball today with the PFR3 and my indoor doublet, giving out contacts to the Field Day guys.It's wonderful how most of the time, unless you're 20 over S9, so many guys won't come back to you, but let a contest be under way, and they'll work all the stations they can, even if you're not that powerful. HI,

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, beargyrils@... wrote:
>
>
> Hi Bill,
> I have made the A/B test.
> I used half wave wire for the bands I wanted to work and they tune very
> easy even on the pfr3.

3715. Re: [pfr3_group] Re: toroid question

Yahoo group: pfr3_group
Date: 2012-06-24 01:28:27 UTC
From: beargyrils@aol.com
Topic: 3705 Message: 3715

Hi Bill,
I just got in and being it is dark I ran the 65 foot of wire from the rig out the window and tied the end to a bush.
That pfr3 has good ears and puts out more then 5 watts.
I'm hearing a lot of CW and considering how bad the bands are in in NJ and hearing good copies from W8,W9 W5 so I'm leaving that wire out for the night and later see what DX I can work.
That pfr 3 has a final for each band and I like that.
I may have heard it here but not sure.
A ham has a check in net on 7114.0 + - for any QRM.
He gave me all the details but I have to dig into my old mail and see if I still have it
If I find it I will post it here,.
72/73 BOB AF2Q

In a message dated 6/23/2012 6:16:02 P.M. Pacific Daylight Time, k6mgo@... writes:

Thanks Bob,

That's kind of what I thought...You don't need all of the special extra tuning toroid ckt's and all as long as you have a good tuner already in the rig. As you say, getting more wire, high up is the key to it all when it comes to antennas. It's just a waste of money, and the fact that you have a single band antenna, doesn't make sense to me, when you can put up a long wire, and have a multi-band antenna.

I'm not much of a contester, but been having a ball today with the PFR3 and my indoor doublet, giving out contacts to the Field Day guys.It's wonderful how most of the time, unless you're 20 over S9, so many guys won't come back to you, but let a contest be under way, and they'll work all the stations they can, even if you're not that powerful. HI,

73, Bill, k6mgo

3716. Re: toroid question

Yahoo group: pfr3_group
Date: 2012-06-24 04:20:59 UTC
From: doublehelix454@hotmail.com
Topic: 3705 Message: 3716

Thanks to everyone for help with the toroid question. Steve, I had some 21 gauge magnet wire that worked perfectly. I was easily able to get it into a single layer. I am interested, just for fun, in doing an A/B test while out in the field in the near future.

72, Ed KB3SZZ
==========

--- In pfr3_group@yahoogroups.com, beargyrils@... wrote:
>
>
> Hi Bill,
> I just got in and being it is dark I ran the 65 foot of wire from the rig
> out the window and tied the end to a bush.
> That pfr3 has good ears and puts out more then 5 watts.
> I'm hearing a lot of CW and considering how bad the bands are in in NJ and
> hearing good copies from W8,W9 W5 so I'm leaving that wire out for the
> night and later see what DX I can work.
> That pfr 3 has a final for each band and I like that.
> I may have heard it here but not sure.
> A ham has a check in net on 7114.0 + - for any QRM.
> He gave me all the details but I have to dig into my old mail and see if I
> still have it
> If I find it I will post it here,.
> 72/73 BOB AF2Q

3717. Re: toroid question

Yahoo group: pfr3_group
Date: 2012-06-24 17:00:48 UTC
From: k6mgo@verizon.net
Topic: 3705 Message: 3717

Hi Ed,

I've been using the Reverse Beacon Net for doing my A/B tests, and find that it works the best for me. In case you don't know what I'm talking about, just call CQ and your call, (3X3 call best) and then go to their website, and do a search on your call. It will show all the stations that copy you, and give nice report, including SNR. Then switch antenna's and repeat. You can compare the SNR, many times from the same station. You have to move freq a bit, or they wont send a second report, but, just move and then you're good to go.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, doublehelix454@... wrote:
>
> Thanks to everyone for help with the toroid question. Steve, I had some 21 gauge magnet wire that worked perfectly. I was easily able to get it into a single layer. I am interested, just for fun, in doing an A/B test while out in the field in the near future.
>
> 72, Ed KB3SZZ
> ==========

3718. Re: toroid question

Yahoo group: pfr3_group
Date: 2012-06-25 11:19:52 UTC
From: doublehelix454@hotmail.com
Topic: 3705 Message: 3718

Thanks very much for the info, Bill. I will definitely be sure to use the Reverse Beacon Net for testing.

73,

Ed
KB3SZZ

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> Hi Ed,
>
> I've been using the Reverse Beacon Net for doing my A/B tests, and find that it works the best for me. In case you don't know what I'm talking about, just call CQ and your call, (3X3 call best) and then go to their website, and do a search on your call. It will show all the stations that copy you, and give nice report, including SNR. Then switch antenna's and repeat. You can compare the SNR, many times from the same station. You have to move freq a bit, or they wont send a second report, but, just move and then you're good to go.
>
> 73, Bill, k6mgo

3719. Re: [pfr3_group] Re: toroid question

Yahoo group: pfr3_group
Date: 2012-06-25 12:02:35 UTC
From: beargyrils@aol.com
Topic: 3705 Message: 3719

Hi Gang,
I was goint to question that last night but I don't know enough about the skimmers.
I started thinking that maybe one skimmer has an antenna tat is set up so it receives very well from your area.
One person may have a low antenna and another skimmer may have a very high antenna.
I can guarantee you that if a ham tells you he is picking up a beacon but it's very week then that pfr3 will hear it.
But there is a beacon in Russa on 7.039.0 and I have not been able to hear it and hams in my area with big wire antennas have not been able to hear it either.
Any way these RBN and A/B testing are a lot of fun.
BOB
AF2Q

In a message dated 6/25/2012 4:35:14 A.M. Pacific Daylight Time, doublehelix454@... writes:

Thanks very much for the info, Bill. I will definitely be sure to use the Reverse Beacon Net for testing.

73,

Ed
KB3SZZ

3720. Re: toroid question

Yahoo group: pfr3_group
Date: 2012-06-25 18:44:59 UTC
From: k6mgo@verizon.net
Topic: 3705 Message: 3720

It depends on the area you live in of course, but if you live in a populated area, as I do, you will get more than one skimmer reporting your signal. On 40 meters I get CA stations and UT and Co stations reporting. On the high bands, 20 meters and up I get the east coast, Hawaii, and med-west reporting. Gives you an idea of your signal strength as well as radiation pattern. Very handy tool to use to see what antenna works best for you. I built the end-fed half wave 40-6 meter antenna that was mentioned here awhile back, and on 40m it is 10 dB lower than my indoor doublet in the rafters of the garage. On 20m and above, it is about equal to it. So you see, it can come in very handy to compare antennas.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, beargyrils@... wrote:
>
>
> Hi Gang,
> I was goint to question that last night but I don't know enough about the
> skimmers.
> I started thinking that maybe one skimmer has an antenna tat is set up so
> it receives very well from your area.
> One person may have a low antenna and another skimmer may have a very high
> antenna.

3721. FOX HUNT Begins

Yahoo group: pfr3_group
Date: 2012-06-28 01:38:21 UTC
From: Dale Putnam
Topic: 3721 Message: 3721

The Summer Season of Fox Hunts starts tomorrow night, and the two Fine Foxii have made their announcements, and it is with pure anticipation of a lot of fun,I am sure. Anticipation only makes the reward that much sweeter. We finally got here, to the start. Best wishes to each of the Foxii, for a great run, tomorrow evening. They are two very good ops, and the band props princess promises to be good to us. It is a great day for a FOX Hunt!!

--... ...--
Dale - WC7S in Wyhttp://www.qrpfoxhunt.org

3722. RMR net 6/28

Yahoo group: pfr3_group
Date: 2012-06-28 20:38:37 UTC
From: Dale Putnam
Topic: 3722 Message: 3722

That was interesting. With a line of lightning storms stretching out acroos the sky from North east to South West...I grabbed a QRO rig to call the net, and maybe that helped.thanks toKI6DS - Doug - Ca good to hear you Doug, you tuning up before the net was a lot stronger, 599 then... the net happens along and your signal went way down, don't think the prop princess was with us today.AE7CG - Loren - AZ thank you Loren, it sounds good, but with the prop princess being priceless, not real strong. I'm hoping for better. I did bring the TriBander on line but no one was there to hear it.I'll try it out tonight on the first FOXHUNT of the season. Hope the band is a lot better with two fine FOXii at the ready.C U next Tuesday,

--... ...--
Dale - WC7S in Wy

3723. It's TIME!! FOXHUNT time!

Yahoo group: pfr3_group
Date: 2012-06-29 00:57:28 UTC
From: Dale Putnam
Topic: 3723 Message: 3723

It's finally here!! I knew it would eventually get here.. and it did.
http://www.qrpfoxhunt.org

--... ...--
Dale - WC7S in Wy

3724. Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-06-29 17:54:34 UTC
From: k6mgo@verizon.net
Topic: 1 Message: 3724

Is there any downside to adding the cap, such as distortion or drawing more current other than when you set the volume louder it should draw more current, right? I am also hard of hearing and could use more audio at times.

73 and tnx

Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
> I am rather hard of hearing and needed more audio output. So I added a
> 10uf 25V electrolytic cap. between pins 1&8 on the LM386. Attach the +
> side to pin 1.

3725. Re: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-06-29 18:27:21 UTC
From: BOB AF2Q
Topic: 1 Message: 3725

Bill,morse express sells a audio amp kit that will fit in thePICO keyer plastic box and it also has a pot so you can adjust the volume. Cost is 8.95. Works like a champ. Bob AF2Q
Former member of the 12 O'clock High skydiving team

-----Original Message-----
From: "k6mgo@verizon.net" <k6mgo@verizon.net>
Sender: pfr3_group@yahoogroups.com
Date: Fri, 29 Jun 2012 17:54:34
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Audio mod

Is there any downside to adding the cap, such as distortion or drawing more current other than when you set the volume louder it should draw more current, right? I am also hard of hearing and could use more audio at times.

73 and tnx

Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
> I am rather hard of hearing and needed more audio output. So I added a
> 10uf 25V electrolytic cap. between pins 1&8 on the LM386. Attach the +
> side to pin 1.

3726. Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-06-29 18:33:49 UTC
From: Michael
Topic: 1 Message: 3726

Other Hendricks kits have the 10uf cap installed. The BitX17A & BitX20A for example while the dual bander and the PFR3A do not.

It would increase the noise from the 386 but would be worth a try.

73 - Mike- k9JRI

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
>
> Is there any downside to adding the cap, such as distortion or drawing more current other than when you set the volume louder it should draw more current, right? I am also hard of hearing and could use more audio at times.
>
> 73 and tnx
>
> Bill, k6mgo
>
>
> --- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@> wrote:
> >
> > I am rather hard of hearing and needed more audio output. So I added a
> > 10uf 25V electrolytic cap. between pins 1&8 on the LM386. Attach the +
> > side to pin 1.
>

3727. Re: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-06-29 18:40:34 UTC
From: Steve Smith
Topic: 1 Message: 3727

Yes and yes, -but-, other than buying the most sensitive earphones you can find, it is the easiest and most economical mod. you can make to boost the audio.

The gain of the LM386 is 20x with no capacitor, 200X (!) with 10 uF capacitor and ~50X with a 1.2K If you find the gain too high, place the resistor in series with the capacitor. Adjust the value to your liking the replace with a fixed resistor.

I have posted the LM386 datasheet to the "Files" section. You can find the above referenced information plus the curves for distortion and current consumption.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "k6mgo@..." <k6mgo@verizon.net>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Audio mod
Date: Fri, 29 Jun 2012 17:54:34 -0000

Is there any downside to adding the cap, such as distortion or drawing more current other than when you set the volume louder it should draw more current, right?

3728. Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-06-29 21:18:36 UTC
From: k6mgo@verizon.net
Topic: 1 Message: 3728

Thanks to all who posted a reply to my query.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Yes and yes, -but-, other than buying the most sensitive earphones you can find, it is the easiest and most economical mod. you can make to boost the audio.
>
> The gain of the LM386 is 20x with no capacitor, 200X (!) with 10 uF capacitor and ~50X with a 1.2K If you find the gain too high, place the resistor in series with the capacitor. Adjust the value to your liking the replace with a fixed resistor.
>
> I have posted the LM386 datasheet to the "Files" section. You can find the above referenced information plus the curves for distortion and current consumption.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "k6mgo@..." <k6mgo@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Audio mod
> Date: Fri, 29 Jun 2012 17:54:34 -0000
>
> Is there any downside to adding the cap, such as distortion or drawing more current other than when you set the volume louder it should draw more current, right?
>

3729. Re: It's TIME!! FOXHUNT time!

Yahoo group: pfr3_group
Date: 2012-06-29 21:42:58 UTC
From: k6mgo@verizon.net
Topic: 3723 Message: 3729

Hi Dale,

I took your advice and put on my Elmer Fudd hat and went fox hunting last night. Got my first pelt. Of course, I kind of cheated, as I live only 1.2 miles from Don, NK6A, according to QRZ. With my indoor antenna I didn't hear the other fox in FA. But I will try again next week.

tnx for a lot of fun,

Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> It's finally here!! I knew it would eventually get here.. and it did.
http://www.qrpfoxhunt.org
>
> --... ...--
> Dale - WC7S in Wy
>

3730. RE: [pfr3_group] Re: It's TIME!! FOXHUNT time!

Yahoo group: pfr3_group
Date: 2012-06-29 21:52:06 UTC
From: Dale Putnam
Topic: 3723 Message: 3730

Alrighty!! Way to go... and you know what? It really doesn't matter how close or not.. the fox is.... it is the thrill of the pelt that matters. He is a good op too. Now... next week will be another challange, sure hope you get another pelt then too!! Make that two and double your pleasure. Right?

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Fri, 29 Jun 2012 21:42:58 +0000
Subject: [pfr3_group] Re: It's TIME!! FOXHUNT time!

Hi Dale,

I took your advice and put on my Elmer Fudd hat and went fox hunting last night. Got my first pelt. Of course, I kind of cheated, as I live only 1.2 miles from Don, NK6A, according to QRZ. With my indoor antenna I didn't hear the other fox in FA. But I will try again next week.

tnx for a lot of fun,

Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:

>

>

> It's finally here!! I knew it would eventually get here.. and it did.
http://www.qrpfoxhunt.org

>

> --... ...--

> Dale - WC7S in Wy

>

3731. Paper clip paddles

Yahoo group: pfr3_group
Date: 2012-06-29 21:35:22 UTC
From: k6mgo@verizon.net
Topic: 3731 Message: 3731

Saw Ren's paper clip paddle in the photo's and tried to find an email for him but couldn't so Ren if you see this, I sure would like to know where to find the plans to build that paddle if possible.

73, Bill, k6mgo
k6mgo@verizon.net

3732. Re: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-06-29 22:05:33 UTC
From: BOB AF2Q
Topic: 1 Message: 3732

I rather go with a 8.95 audio kit with a knob and not do any mods to the rig Bob AF2Q
Former member of the 12 O'clock High skydiving team

-----Original Message-----
From: "k6mgo@verizon.net" <k6mgo@verizon.net>
Sender: pfr3_group@yahoogroups.com
Date: Fri, 29 Jun 2012 21:18:36
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Audio mod

Thanks to all who posted a reply to my query.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Yes and yes, -but-, other than buying the most sensitive earphones you can find, it is the easiest and most economical mod. you can make to boost the audio.
>
> The gain of the LM386 is 20x with no capacitor, 200X (!) with 10 uF capacitor and ~50X with a 1.2K If you find the gain too high, place the resistor in series with the capacitor. Adjust the value to your liking the replace with a fixed resistor.
>
> I have posted the LM386 datasheet to the "Files" section. You can find the above referenced information plus the curves for distortion and current consumption.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "k6mgo@..." <k6mgo@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Re: Audio mod
> Date: Fri, 29 Jun 2012 17:54:34 -0000
>
> Is there any downside to adding the cap, such as distortion or drawing more current other than when you set the volume louder it should draw more current, right?
>

3733. RE: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-06-30 01:08:26 UTC
From: Dale Putnam
Topic: 1 Message: 3733

I've found that having good earbuds is great, and the next thing is an external audio amp. It can be a LM386 battery powered, or an ipod amp with speakers. lots of them about. But the best is the higher impedance earbuds. Good Luck Bill.

--... ...--
Dale

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:

>

> Yes and yes, -but-, other than buying the most sensitive earphones you can find, it is the easiest and most economical mod. you can make to boost the audio.

>

> The gain of the LM386 is 20x with no capacitor, 200X (!) with 10 uF capacitor and ~50X with a 1.2K If you find the gain too high, place the resistor in series with the capacitor. Adjust the value to your liking the replace with a fixed resistor.

>

> I have posted the LM386 datasheet to the "Files" section. You can find the above referenced information plus the curves for distortion and current consumption.

>

> 73.......Steve Smith WB6TNL

>

> ---------- Original Message ----------

> From: "k6mgo@..." <k6mgo@...>

> To: pfr3_group@yahoogroups.com

> Subject: [pfr3_group] Re: Audio mod

> Date: Fri, 29 Jun 2012 17:54:34 -0000

>

> Is there any downside to adding the cap, such as distortion or drawing more current other than when you set the volume louder it should draw more current, right?

>

3734. RE: [pfr3_group] Paper clip paddles

Yahoo group: pfr3_group
Date: 2012-06-30 01:39:05 UTC
From: Dale Putnam
Topic: 3731 Message: 3734

Hi Bill, Ren is very helpful, maybe he has one he would let you pick up very reasonable.?

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Fri, 29 Jun 2012 21:35:22 +0000
Subject: [pfr3_group] Paper clip paddles

Saw Ren's paper clip paddle in the photo's and tried to find an email for him but couldn't so Ren if you see this, I sure would like to know where to find the plans to build that paddle if possible.

73, Bill, k6mgo

k6mgo@...

3735. Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-06-30 20:22:32 UTC
From: k6mgo@verizon.net
Topic: 1 Message: 3735

I just got a neat little amp to plug in series between the PFR3 and my headsets called a Boostaroo Revolution, it's 3 1/2" X 3/4" X 7/8" and all self contained, battery included. Works well and gives just enough volume gain to bring out the weak signals. I also hooked up my old New England QRP Club Scaf filter, which has a 386 amp chip in it, to the PFR3 and that works magic in filtering out my S5-9 noise level as well as boost my audio. I had forgotten about that puppy.

So I guess my audio problem is solved, and I want to thank all who gave suggestions and advice.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> I've found that having good earbuds is great, and the next thing is an external audio amp. It can be a LM386 battery powered, or an ipod amp with speakers. lots of them about. But the best is the higher impedance earbuds. Good Luck Bill.
>
> --... ...--
> Dale

3736. RE: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-06-30 20:28:06 UTC
From: Dale Putnam
Topic: 1 Message: 3736

Way to go Bill!! Creative thinking.. works almost every time... Have a great day, see you in the hunt on Thursday

--... ...--
Dale - WC7S in Wy
http://www.qrpfoxhunt.org To: pfr3_group@yahoogroups.com
From: k6mgo@verizon.net
Date: Sat, 30 Jun 2012 20:22:32 +0000
Subject: [pfr3_group] Re: Audio mod

I just got a neat little amp to plug in series between the PFR3 and my headsets called a Boostaroo Revolution, it's 3 1/2" X 3/4" X 7/8" and all self contained, battery included. Works well and gives just enough volume gain to bring out the weak signals. I also hooked up my old New England QRP Club Scaf filter, which has a 386 amp chip in it, to the PFR3 and that works magic in filtering out my S5-9 noise level as well as boost my audio. I had forgotten about that puppy.

So I guess my audio problem is solved, and I want to thank all who gave suggestions and advice.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:

>

>

> I've found that having good earbuds is great, and the next thing is an external audio amp. It can be a LM386 battery powered, or an ipod amp with speakers. lots of them about. But the best is the higher impedance earbuds. Good Luck Bill.

>

> --... ...--

> Dale

3737. Re: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-06-30 20:41:23 UTC
From: beargyrils@aol.com
Topic: 1 Message: 3737

Hi Bill,
I picked up that audio amp kit from Morse Express for $8.99.
I also took 2 older RS speaker AMPs,removed the speaker and cut the board and remounted everything much closer
They both work excellent but like you said you just can't beat the NE/scaf filter with the audio amp.
I still think for my ears you can't beat the ear buds made by Phillips.
At times you can get them on sale for $9.99
Have fun.
BOB
AF2Q

In a message dated 6/30/2012 1:28:12 P.M. Pacific Daylight Time, daleputnam@... writes:

I just got a neat little amp to plug in series between the PFR3 and my headsets called a Boostaroo Revolution, it's 3 1/2" X 3/4" X 7/8" and all self contained, battery included. Works well and gives just enough volume gain to bring out the weak signals. I also hooked up my old New England QRP Club Scaf filter, which has a 386 amp chip in it, to the PFR3 and that works magic in filtering out my S5-9 noise level as well as boost my audio. I had forgotten about that puppy.

So I guess my audio problem is solved, and I want to thank all who gave suggestions and advice.

73, Bill, k6mgo

3738. Re: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-06-30 22:06:57 UTC
From: Steve Smith
Topic: 1 Message: 3738

Hi Bill,

Glad to hear you resolved your audio problem.

I too had forgotten about the NEScaf. That is the perfect application of that device (ear/speaker audio out to SCAF) providing not only audio filtering but additional audio gain to boot.

Out in the field I would prefer the internal 386 gain mod. instead of an outboard amplifier. Less things to carry plus the bother of another battery to worry about and/or forgetting the audio connecting cable cable, etc..

One time I used a Radio Shack 'Mini Audio Amplifier' (cat. # 277-1008) out in the field with the PFR3. While it did provide a gain improvement, there was additional noise and distortion. I think the RS amp. runs its LM386 'full-bore' and could stand the resistor mod. to throttle it back some along with other mod's decrease the 'hiss'.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "k6mgo@verizon.net" <k6mgo@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Audio mod
Date: Sat, 30 Jun 2012 20:22:32 -0000

I also hooked up my old New England QRP Club Scaf filter, which has a 386 amp chip in it, to the PFR3 and that works magic in filtering out my S5-9 noise level as well as boost my audio. I had forgotten about that puppy.

3739. Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-06-30 22:24:50 UTC
From: Michael
Topic: 1 Message: 3739

A lot of interesting comments regarding an external amplifier George. While I commented earlier regarding the capacitor mod I must say that I too am hard of hearing, loss clear down to 1,800 Hz. and always wear hearing aids but I have no problems with the audio output from my PFR-3A using either Apple or Sony earbuds. Plenty loud on any useable signals.

I would not want to have an additional box to connect to the PFR so my choice would be either more sensitive earbuds or the internal capacitor mod.

73 - Mike - K9JRI

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
> I am rather hard of hearing and needed more audio output. So I added a
> 10uf 25V electrolytic cap. between pins 1&8 on the LM386. Attach the +
> side to pin 1. I posted some photo's in the photo section. Building
> this rig was fun. The manual still has a few errors. There is a errata
> for some of them on Doug's site. I have had many qso"s with this rig on
> all 3 bands. The Blt tuner works as good as any Blt I have owned. It
> will not match everything but is very helpful. Thank you for creating
> this site. 73 George/W2BPI
>

3740. Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-01 17:03:03 UTC
From: k6mgo@verizon.net
Topic: 1 Message: 3740

I hear what you're saying, Steve, and if I would get out much with the PFR3, i would not want to be carrying any extra gear or equipment either, but around the house or on the patio, the NEScaf really helps with both the audio, and my ever present S5-9 noise level. Out in the field i would prefer the Boastaroo as it's very tiny and doesn't take up hardly any room and doesn't weight but a few ounces.

And Michael, my hearing stops at 2K also, maybe from all the mornings of doing a preflight on the radios in the T-6's and B-25's while the crew chief's were doing their engine run ups, we had 50 aircraft being preflighted all at once,in our squadron, before dawn. You get 40-50 aircraft checking out their engines all at the same time and that's a lot dB's of noise:) So, guess we're lucky that the cutoff for us is above the CW tone.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Hi Bill,
>
> Glad to hear you resolved your audio problem.
>
> I too had forgotten about the NEScaf. That is the perfect application of that device (ear/speaker audio out to SCAF) providing not only audio filtering but additional audio gain to boot.
>
> Out in the field I would prefer the internal 386 gain mod. instead of an outboard amplifier. Less things to carry plus the bother of another battery to worry about and/or forgetting the audio connecting cable cable, etc..
>
> One time I used a Radio Shack 'Mini Audio Amplifier' (cat. # 277-1008) out in the field with the PFR3. While it did provide a gain improvement, there was additional noise and distortion. I think the RS amp. runs its LM386 'full-bore' and could stand the resistor mod. to throttle it back some along with other mod's decrease the 'hiss'.
>
> 73.......Steve Smith WB6TNL
>

3741. Re: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-01 23:11:18 UTC
From: Dale Putnam
Topic: 1 Message: 3741

Maybe a nescaf mod inside the PFR3 would be a good thing?
Have a great day,
Dale - WC7S

-----Original Message-----
From: k6mgo@...
Date: Sun, 1 Jul 2012 17:03:03
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Re: Audio mod

I hear what you're saying, Steve, and if I would get out much with the PFR3, i would not want to be carrying any extra gear or equipment either, but around the house or on the patio, the NEScaf really helps with both the audio, and my ever present S5-9 noise level. Out in the field i would prefer the Boastaroo as it's very tiny and doesn't take up hardly any room and doesn't weight but a few ounces.

And Michael, my hearing stops at 2K also, maybe from all the mornings of doing a preflight on the radios in the T-6's and B-25's while the crew chief's were doing their engine run ups, we had 50 aircraft being preflighted all at once,in our squadron, before dawn. You get 40-50 aircraft checking out their engines all at the same time and that's a lot dB's of noise:) So, guess we're lucky that the cutoff for us is above the CW tone.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , "Steve Smith" <sigcom@...> wrote:
>
> Hi Bill,
>
> Glad to hear you resolved your audio problem.
>
> I too had forgotten about the NEScaf. That is the perfect application of that device (ear/speaker audio out to SCAF) providing not only audio filtering but additional audio gain to boot.
>
> Out in the field I would prefer the internal 386 gain mod. instead of an outboard amplifier. Less things to carry plus the bother of another battery to worry about and/or forgetting the audio connecting cable cable, etc..
>
> One time I used a Radio Shack 'Mini Audio Amplifier' (cat. # 277-1008) out in the field with the PFR3. While it did provide a gain improvement, there was additional noise and distortion. I think the RS amp. runs its LM386 'full-bore' and could stand the resistor mod. to throttle it back some along with other mod's decrease the 'hiss'.
>
> 73.......Steve Smith WB6TNL
>

3742. Re: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-02 04:43:29 UTC
From: Steve Smith
Topic: 1 Message: 3742

Ooh, that's a difficult decision. To poke holes in that beautiful yellow coat or not?

73.......Steve Smith WB6TNL

3743. AT Sprint QSO party

Yahoo group: pfr3_group
Date: 2012-07-02 13:23:31 UTC
From: Dale Putnam
Topic: 3743 Message: 3743

Looking ahead, and checking this months fun, I had to write in Saturday July 21 for the:
http://ats-sprint.blogspot.com/
a fun time to be had by all... ATs. I'll be looking for YOU!!
--... ...--
Dale - WC7S in Wy

3744. RE: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-03 11:35:15 UTC
From: Paul Feltz
Topic: 1 Message: 3744

I had kinda thought of combining the NEScaf with "An Automatic Audio Volume Leveler" (AGC) by K1QW in Feb. 2004 QST. Seems that would make a good addition but it would be external to the "yellow box".

72
Paul WA0VDM

To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Mon, 2 Jul 2012 04:43:29 +0000
Subject: Re: [pfr3_group] Re: Audio mod

Ooh, that's a difficult decision. To poke holes in that beautiful yellow coat or not?

73.......Steve Smith WB6TNL

3745. Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-03 18:55:59 UTC
From: k6mgo@verizon.net
Topic: 1 Message: 3745

That's sounds like a worth while addition, Paul. I've been eyeballing the inside of the pfr3 and my NEScaf filter, and as far as I can see it would be no problem putting the ckt. Bd in the pfr3 case, but the controls are another thing. I have my Palm Mini paddle mounted to the case on the left side, which would have been a pretty good place to put the controls, but now I can't and also Labeling the controls and switch would be a concern, as I would want that to match what is already on the pfr3. So, think I'll leave the NEScaf filter out board of the pfr3 for now.

Have a Happy Fourth,

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Paul Feltz <paulfeltz@...> wrote:
>
>
> I had kinda thought of combining the NEScaf with "An Automatic Audio Volume Leveler" (AGC) by K1QW in Feb. 2004 QST. Seems that would make a good addition but it would be external to the "yellow box".
>
> 72
> Paul WA0VDM
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: sigcom@...
> Date: Mon, 2 Jul 2012 04:43:29 +0000
> Subject: Re: [pfr3_group] Re: Audio mod
>
>
>
>
>
>
> Ooh, that's a difficult decision. To poke holes in that beautiful yellow coat or not?
>
> 73.......Steve Smith WB6TNL
>

3746. Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-03 19:32:22 UTC
From: chubso81
Topic: 1 Message: 3746

I added the 10uf capacitor a while back. It seemed like it made the audio a bit unstable. The rig would howl for no reason. Sometimes a strong station would suddenly set it howling. Perhaps it needed more PS bypassing near the audio amp. Eventually I took the capacitor out.

I then found that the quality of the earbuds was really important. I found some fairly cheap ones at a local computer emporium that made a big difference. Thinking about adding a battery amp for a speaker so others can hear.

72, JP, K8AG

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> That's sounds like a worth while addition, Paul. I've been eyeballing the inside of the pfr3 and my NEScaf filter, and as far as I can see it would be no problem putting the ckt. Bd in the pfr3 case, but the controls are another thing. I have my Palm Mini paddle mounted to the case on the left side, which would have been a pretty good place to put the controls, but now I can't and also Labeling the controls and switch would be a concern, as I would want that to match what is already on the pfr3. So, think I'll leave the NEScaf filter out board of the pfr3 for now.
>
> Have a Happy Fourth,
>
> 73, Bill, k6mgo
>
> --- In pfr3_group@yahoogroups.com, Paul Feltz <paulfeltz@> wrote:
> >
> >
> > I had kinda thought of combining the NEScaf with "An Automatic Audio Volume Leveler" (AGC) by K1QW in Feb. 2004 QST. Seems that would make a good addition but it would be external to the "yellow box".
> >
> > 72
> > Paul WA0VDM
> >
> >
> >
> >
> > To: pfr3_group@yahoogroups.com
> > From: sigcom@
> > Date: Mon, 2 Jul 2012 04:43:29 +0000
> > Subject: Re: [pfr3_group] Re: Audio mod
> >
> >
> >
> >

> >
> > Ooh, that's a difficult decision. To poke holes in that beautiful yellow coat or not?
> >
> > 73.......Steve Smith WB6TNL
> >
>

3747. RE: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-03 19:36:27 UTC
From: Paul Feltz
Topic: 1 Message: 3747

My PFR-3 also had a howling but I determined it was humidity. I sprayed it with Krylon and have not had the issue return. Only showed up when in the field and in a humid local like North Carolina and Alabama. I have the 10 uF and it works fine.

72
Paul WA0VDM

To: pfr3_group@yahoogroups.com
From: bigjp@...
Date: Tue, 3 Jul 2012 19:32:22 +0000
Subject: [pfr3_group] Re: Audio mod

I added the 10uf capacitor a while back. It seemed like it made the audio a bit unstable. The rig would howl for no reason. Sometimes a strong station would suddenly set it howling. Perhaps it needed more PS bypassing near the audio amp. Eventually I took the capacitor out.

I then found that the quality of the earbuds was really important. I found some fairly cheap ones at a local computer emporium that made a big difference. Thinking about adding a battery amp for a speaker so others can hear.

72, JP, K8AG

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> That's sounds like a worth while addition, Paul. I've been eyeballing the inside of the pfr3 and my NEScaf filter, and as far as I can see it would be no problem putting the ckt. Bd in the pfr3 case, but the controls are another thing. I have my Palm Mini paddle mounted to the case on the left side, which would have been a pretty good place to put the controls, but now I can't and also Labeling the controls and switch would be a concern, as I would want that to match what is already on the pfr3. So, think I'll leave the NEScaf filter out board of the pfr3 for now.
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> --- In pfr3_group@yahoogroups.com, Paul Feltz <paulfeltz@> wrote:
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> > 72
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> >
> >
> >
> >
> > To: pfr3_group@yahoogroups.com
> > From: sigcom@
> > Date: Mon, 2 Jul 2012 04:43:29 +0000
> > Subject: Re: [pfr3_group] Re: Audio mod
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> >
> >
> >
> >
> > Ooh, that's a difficult decision. To poke holes in that beautiful yellow coat or not?
> >
> > 73.......Steve Smith WB6TNL
> >
>

3748. Re: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-03 21:10:47 UTC
From: ckwishmeier@cs.com
Topic: 1 Message: 3748

I use a small amplified speaker Model iHM60 by iHome which I found on Ebay. www.ihomeaudio.com. It is really made for laptop computers. Works exceptionally well.

Keith
WA9S

-----Original Message-----
From: chubso81 <bigjp@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Jul 3, 2012 3:32 pm
Subject: [pfr3_group] Re: Audio mod

I added the 10uf capacitor a while back. It seemed like it made the audio a bit unstable. The rig would howl for no reason. Sometimes a strong station would suddenly set it howling. Perhaps it needed more PS bypassing near the audio amp. Eventually I took the capacitor out.

I then found that the quality of the earbuds was really important. I found some fairly cheap ones at a local computer emporium that made a big difference. Thinking about adding a battery amp for a speaker so others can hear.

72, JP, K8AG

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> That's sounds like a worth while addition, Paul. I've been eyeballing the inside of the pfr3 and my NEScaf filter, and as far as I can see it would be no problem putting the ckt. Bd in the pfr3 case, but the controls are another thing. I have my Palm Mini paddle mounted to the case on the left side, which would have been a pretty good place to put the controls, but now I can't and also Labeling the controls and switch would be a concern, as I would want that to match what is already on the pfr3. So, think I'll leave the NEScaf filter out board of the pfr3 for now.
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> Have a Happy Fourth,
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> --- In pfr3_group@yahoogroups.com, Paul Feltz <paulfeltz@> wrote:
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> >
> > I had kinda thought of combining the NEScaf with "An Automatic Audio Volume Leveler" (AGC) by K1QW in Feb. 2004 QST. Seems that would make a good addition but it would be external to the "yellow box".
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> > 72
> > Paul WA0VDM

> >
> >
> >
> >
> > To: pfr3_group@yahoogroups.com
> > From: sigcom@
> > Date: Mon, 2 Jul 2012 04:43:29 +0000
> > Subject: Re: [pfr3_group] Re: Audio mod
> >
> >
> >
> >
> >
> > Ooh, that's a difficult decision. To poke holes in that beautiful yellow coat or not?
> >
> > 73.......Steve Smith WB6TNL
> >
>

3749. FOXHUNT !!!!

Yahoo group: pfr3_group
Date: 2012-07-05 01:32:14 UTC
From: Dale Putnam
Topic: 3749 Message: 3749

For the second week, the FOXHUNT is up for fun. AB9CA and I (WC7S) will be your FOXii for the evening.
14.060 plus or minus 10... and 0100z or on7pm MT ... We will be exchanging information including Signal Report
- QTH
- Operator's Name, and
- Power Output I'll be using a Hendricks KD1JV design Tri-bander, with a 100 ft center balanced fed doublet at 50ft. IF the band drops out and I need to change to the long antennnas, I will. The plan is to WAS with the Tri-Bander this season, I am also planning to use a puter logger, to assist with keeping the calls straight. Not that that is a garuntee.. but may be worth an effort. I will be tuning with RIT, around the edges of the pack, using the analog filter from Elecraft if I have to. So spread out and lets do it!! CQ FOX up.. dwn.. or nothing.. listen close. Good Luck!!

--... ...--
Dale - WC7S in Wy

3750. RE: [QRP-L] FOXHUNT !!!!

Yahoo group: pfr3_group
Date: 2012-07-05 04:39:13 UTC
From: Dale Putnam
Topic: 3749 Message: 3750

My apologies, I failed to include that this FOXHUNT is happening THURSDAY evening.I'll be listening for you!

--... ...--
Dale - WC7S in Wyhttp://www.qrpfoxhunt.org
> From: daleputnam@...
> To: qfox@...m; qrp-l@...; at_sprint@yahoogroups.com; pfr3_group@yahoogroups.com
> Date: Wed, 4 Jul 2012 19:32:14 -0600
> Subject: [QRP-L] FOXHUNT !!!!
>
>
>
>
>
> For the second week, the FOXHUNT is up for fun. AB9CA and I (WC7S) will be your FOXii for the evening.
> 14.060 plus or minus 10... and 0100z or on7pm MT ... We will be exchanging information including Signal Report
> - QTH
> - Operator's Name, and
> - Power Output I'll be using a Hendricks KD1JV design Tri-bander, with a 100 ft center balanced fed doublet at 50ft. IF the band drops out and I need to change to the long antennnas, I will. The plan is to WAS with the Tri-Bander this season, I am also planning to use a puter logger, to assist with keeping the calls straight. Not that that is a garuntee.. but may be worth an effort. I will be tuning with RIT, around the edges of the pack, using the analog filter from Elecraft if I have to. So spread out and lets do it!! CQ FOX up.. dwn.. or nothing.. listen close. Good Luck!!
>
> --... ...--
> Dale - WC7S in Wy
>
>
> _____
> QRP-L mailing list
> Home: http://mailman.qth.net/mailman/listinfo/qrp-l
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:QRP-L@mailman.qth.net
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html

3751. Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-05 19:20:30 UTC
From: suni2@bellsouth.net
Topic: 1 Message: 3751

I also use an amplified speaker. I got mine at Best Buy under 10 dollars. It also comes in colors (sorry no yellow). The model is Dynex DX-PS2-O. It runs on 3AAA no volume control so easy to use PFR volume control
73 Karl WD4SGB

--- In pfr3_group@yahoogroups.com, ckwishmeier@... wrote:
>
> I use a small amplified speaker Model iHM60 by iHome which I found on Ebay. www.ihomeaudio.com. It is really made for laptop computers. Works exceptionally well.
>
>
> Keith
> WA9S
>
>
>
> -----Original Message-----
> From: chubso81 <bigjp@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Tue, Jul 3, 2012 3:32 pm
> Subject: [pfr3_group] Re: Audio mod
>
>
>
>
>
>
> I added the 10uf capacitor a while back. It seemed like it made the audio a bit unstable. The rig would howl for no reason. Sometimes a strong station would suddenly set it howling. Perhaps it needed more PS bypassing near the audio amp. Eventually I took the capacitor out.
>
> I then found that the quality of the earbuds was really important. I found some fairly cheap ones at a local computer emporium that made a big difference. Thinking about adding a battery amp for a speaker so others can hear.
>
> 72, JP, K8AG
>
> --- In pfr3_group@...m, "k6mgo@" <k6mgo@> wrote:
> >
> > That's sounds like a worth while addition, Paul. I've been eyeballing the inside of the pfr3 and my NEScaf filter, and as far as I can see it would be no problem putting the ckt. Bd in the pfr3 case, but the controls are another thing. I have my Palm Mini paddle mounted to the case on the left side, which would have been a pretty good place to put the controls, but now I can't and also Labeling the controls and switch would be a concern, as I would want that to match what is already on the pfr3. So, think I'll leave the NEScaf

filter out board of the pfr3 for now.
> >
> > Have a Happy Fourth,
> >
> > 73, Bill, k6mgo
> >
> > --- In pfr3_group@yahoogroups.com, Paul Feltz <paulfeltz@> wrote:
> > >
> > >
> > > I had kinda thought of combining the NEScaf with "An Automatic Audio Volume Leveler" (AGC) by K1QW in Feb. 2004 QST. Seems that would make a good addition but it would be external to the "yellow box".
> > >
> > > 72
> > > Paul WA0VDM
> > >
> > >
> > >
> > >
> > > To: pfr3_group@yahoogroups.com
> > > From: sigcom@
> > > Date: Mon, 2 Jul 2012 04:43:29 +0000
> > > Subject: Re: [pfr3_group] Re: Audio mod
> > >
> > >
> > >
> > >
> > >
> > > Ooh, that's a difficult decision. To poke holes in that beautiful yellow coat or not?
> > >
> > > 73.......Steve Smith WB6TNL
> > >
> >
>

3752. AT-Sprint

Yahoo group: pfr3_group
Date: 2012-07-07 16:43:05 UTC
From: Dale Putnam
Topic: 3752 Message: 3752

Come join us for a QSO Party devoted to KD1JV's marvel Appalachian Trail Sprint transceivers.

Whether you're running an original ATS or the latest MTR,
or even if you're not running one of Steve's rigs, you're welcome to join us on July 22, 2012 from 0000 to 0300Z. click here for rules:
http://ats-sprint.blogspot.com/p/rules.html

--... ...--
Dale - WC7S in Wy

3753. Re: [pfr3_group] AT-Sprint

Yahoo group: pfr3_group
Date: 2012-07-07 17:37:48 UTC
From: ckwishmeier@cs.com
Topic: 3752 Message: 3753

Dale,

I'm curious. Why are our PFR-3's not included for bonus points?

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@hotmail.com>
To: qrp-l <qrp-l@...>; AT Sprint <at_sprint@yahoogroups.com>; pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Jul 7, 2012 12:43 pm
Subject: [pfr3_group] AT-Sprint

Come join us for a QSO Party devoted to KD1JV's marvel Appalachian Trail Sprint transceivers.

Whether you're running an original ATS or the latest MTR, or even if you're not running one of Steve's rigs, you're welcome to join us on July 22, 2012 from 0000 to 0300Z.

click here for rules: http://ats-sprint.blogspot.com/p/rules.html

--... ...--Dale - WC7S in Wy

3754. RE: [pfr3_group] AT-Sprint

Yahoo group: pfr3_group
Date: 2012-07-07 18:08:29 UTC
From: Dale Putnam
Topic: 3752 Message: 3754

Hi Keith, I think it was from the naming convention... AT radios... vs KD1JV designed.... maybe, if we get enough participation.. that can be corrected for next time.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Sat, 7 Jul 2012 13:37:48 -0400
Subject: Re: [pfr3_group] AT-Sprint

Dale,

I'm curious. Why are our PFR-3's not included for bonus points?

Keith

WA9S

-----Original Message-----

From: Dale Putnam <daleputnam@...>

To: qrp-l <qrp-l@...>; AT Sprint <at_sprint@yahoogroups.com>; pfr3_group <pfr3_group@yahoogroups.com>

Sent: Sat, Jul 7, 2012 12:43 pm

Subject: [pfr3_group] AT-Sprint

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July 22, 2012 from 0000 to 0300Z.

click here for rules: http://ats-sprint.blogspot.com/p/rules.html

--... ...--
Dale - WC7S in Wy

3755. Re: [pfr3_group] AT-Sprint

Yahoo group: pfr3_group
Date: 2012-07-07 20:33:53 UTC
From: ckwishmeier@cs.com
Topic: 3752 Message: 3755

Wasn't the PFR-3 derived from the ATS?

Keith

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Jul 7, 2012 2:08 pm
Subject: RE: [pfr3_group] AT-Sprint

Hi Keith,
I think it was from the naming convention... AT radios... vs KD1JV designed....
maybe, if we get enough participation.. that can be corrected for next time.

--... ...--Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ckwishmeier@...m
Date: Sat, 7 Jul 2012 13:37:48 -0400
Subject: Re: [pfr3_group] AT-Sprint

Dale,

I'm curious. Why are our PFR-3's not included for bonus points?

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: qrp-l <qrp-l@...>; AT Sprint <at_sprint@yahoogroups.com>; pfr3_group
<pfr3_group@yahoogroups.com>
Sent: Sat, Jul 7, 2012 12:43 pm
Subject: [pfr3_group] AT-Sprint

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click here for rules: http://ats-sprint.blogspot.com/p/rules.html

--... ...--Dale - WC7S in Wy

3756. Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-12 23:55:09 UTC
From: chubso81
Topic: 1 Message: 3756

Dug out an old battery speaker pair. Seems to work very nicely. But it also adds more stuff. Oh well. I have a good pair of earbuds (which is really necessary) and the speakers for when folks need to hear.

Still love this rig.

--- In pfr3_group@yahoogroups.com, "suni2@..." <suni2@...> wrote:
>
> I also use an amplified speaker. I got mine at Best Buy under 10 dollars. It also comes in colors (sorry no yellow). The model is Dynex DX-PS2-O. It runs on 3AAA no volume control so easy to use PFR volume control
> 73 Karl WD4SGB
>
>
> --- In pfr3_group@yahoogroups.com, ckwishmeier@ wrote:
> >
> > I use a small amplified speaker Model iHM60 by iHome which I found on Ebay. www.ihomeaudio.com. It is really made for laptop computers. Works exceptionally well.
> >
> >
> > Keith
> > WA9S
> >
> >
> >
> > -----Original Message-----
> > From: chubso81 <bigjp@>
> > To: pfr3_group <pfr3_group@yahoogroups.com>
> > Sent: Tue, Jul 3, 2012 3:32 pm
> > Subject: [pfr3_group] Re: Audio mod
> >
> >
> >
> >
> >
> >
> > I added the 10uf capacitor a while back. It seemed like it made the audio a bit unstable. The rig would howl for no reason. Sometimes a strong station would suddenly set it howling. Perhaps it needed more PS bypassing near the audio amp. Eventually I took the capacitor out.
> >
> > I then found that the quality of the earbuds was really important. I found some fairly cheap ones at a local computer emporium that made a big difference. Thinking about adding a battery amp for a speaker so others can hear.
> >
> > 72, JP, K8AG

> >
> > --- In pfr3_group@yahoogroups.com, "k6mgo@" <k6mgo@> wrote:
> > >
> > > That's sounds like a worth while addition, Paul. I've been eyeballing the inside of the pfr3 and my NEScaf filter, and as far as I can see it would be no problem putting the ckt. Bd in the pfr3 case, but the controls are another thing. I have my Palm Mini paddle mounted to the case on the left side, which would have been a pretty good place to put the controls, but now I can't and also Labeling the controls and switch would be a concern, as I would want that to match what is already on the pfr3. So, think I'll leave the NEScaf filter out board of the pfr3 for now.
> > >
> > > Have a Happy Fourth,
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> > > 73, Bill, k6mgo
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> > > --- In pfr3_group@yahoogroups.com, Paul Feltz <paulfeltz@> wrote:
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> > > >
> > > > I had kinda thought of combining the NEScaf with "An Automatic Audio Volume Leveler" (AGC) by K1QW in Feb. 2004 QST. Seems that would make a good addition but it would be external to the "yellow box".
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> > > > 72
> > > > Paul WA0VDM
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> > > >
> > > >
> > > > To: pfr3_group@yahoogroups.com
> > > > From: sigcom@
> > > > Date: Mon, 2 Jul 2012 04:43:29 +0000
> > > > Subject: Re: [pfr3_group] Re: Audio mod
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> > > >
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> > > > Ooh, that's a difficult decision. To poke holes in that beautiful yellow coat or not?
> > > >
> > > > 73.......Steve Smith WB6TNL
> > > >
> > > >
> > >
> >
>

3757. Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-13 01:36:53 UTC
From: Roberto
Topic: 1 Message: 3757

I am happy with the audio volume of my PFR-3A.
What I really don't like is that it lacks a good AGC.
The band noise can suddenly pick up so sharply that may damage your ears!

In order to save my ears, I ordered this small battery rechargeable speaker that has provided hours and hours of fun protecting my ears:
http://www.macobserver.com/tmo/review/the_genius_mini_portable_speaker_sp-i150/

I can run on batteries without recharging them for more than 2 hours of continuous use. Small and portable. You recharge them with the USB port of your computer or you can use a small battery USB recharger.

Forgot to mention... sound is amazing and covers 360 degrees.

This is has worked for me. My two cents.

72 de Rob.
YS1RS.

--- In pfr3_group@yahoogroups.com, "w2bpi" <w2bpi1@...> wrote:
>
> I am rather hard of hearing and needed more audio output. So I added a
> 10uf 25V electrolytic cap. between pins 1&8 on the LM386. Attach the +
> side to pin 1. I posted some photo's in the photo section. Building
> this rig was fun. The manual still has a few errors. There is a errata
> for some of them on Doug's site. I have had many qso"s with this rig on
> all 3 bands. The Blt tuner works as good as any Blt I have owned. It
> will not match everything but is very helpful. Thank you for creating
> this site. 73 George/W2BPI
>

3758. Re: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-13 02:58:56 UTC
From: beargyrils@aol.com
Topic: 1 Message: 3758

I have a box full of the RS speaker so I just use that and the 9 volt batteries at the dollar store are $1.00 for 4 batteries but they will last a full day.
I also have the audio AMP kit here that Morse express sells but I haven't had time to put it together.
It will be in a small box between the ear buds and the cord that plugs into the rig
BOB
AF2Q

In a message dated 7/12/2012 6:37:00 P.M. Pacific Daylight Time, ys1rs@... writes:

In order to save my ears, I ordered this small battery rechargeable speaker that has provided hours and hours of fun protecting my ears: _http://www.macobserver.com/tmo/review/the_genius_mini_portable_speaker_sp-i150/_ (http://www.macobserver.com/tmo/review/the_genius_mini_portable_speaker_sp-i150/)

I can run on batteries without recharging them for more than 2 hours of continuous use. Small and portable. You recharge them with the USB port of your computer or you can use a small battery USB recharger.

3759. Hendrick's Kits

Yahoo group: pfr3_group
Date: 2012-07-17 21:52:15 UTC
From: k6mgo@verizon.net
Topic: 3759 Message: 3759

Anyone know why all of the kits on the website give you this message when you try to order them. "Order Processing Suspended"?

73 de Bill, k6mgo

3760. RE: [pfr3_group] Hendrick's Kits

Yahoo group: pfr3_group
Date: 2012-07-17 21:54:47 UTC
From: Dale Putnam
Topic: 3759 Message: 3760

Hi Bill, Yes, it is a sad note, Doug's wife passed on, yesterday morning, and ordering has been suspended for the time being.When things get sorted out, ordering will resume, I'm sure.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Tue, 17 Jul 2012 21:52:15 +0000
Subject: [pfr3_group] Hendrick's Kits

Anyone know why all of the kits on the website give you this message when you try to order them. "Order Processing Suspended"?

73 de Bill, k6mgo

3761. Re: [pfr3_group] Hendrick's Kits

Yahoo group: pfr3_group
Date: 2012-07-17 21:56:43 UTC
From: wa9dgm@aol.com
Topic: 3759 Message: 3761

If u would of read the whole thing u would of seen that. Doug's wife passed away yesterday am.

On Jul 17, 2012, at 14:52, "k6mgo@..." <k6mgo@verizon.net> wrote:

> Anyone know why all of the kits on the website give you this message when you try to order them. "Order Processing Suspended"?
>
> 73 de Bill, k6mgo
>
>

3762. Re: Hendrick's Kits

Yahoo group: pfr3_group
Date: 2012-07-18 01:06:11 UTC
From: k6mgo@verizon.net
Topic: 3759 Message: 3762

Thanks for the info Dale, very sad indeed to hear about Doug's wife.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Bill, Yes, it is a sad note, Doug's wife passed on, yesterday morning, and ordering has been suspended for the time being.When things get sorted out, ordering will resume, I'm sure.
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: k6mgo@...
> Date: Tue, 17 Jul 2012 21:52:15 +0000
> Subject: [pfr3_group] Hendrick's Kits
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> Anyone know why all of the kits on the website give you this message when you try to order them. "Order Processing Suspended"?

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>
> 73 de Bill, k6mgo
>

3763. Warning.

Yahoo group: pfr3_group
Date: 2012-07-20 20:16:57 UTC
From: k6mgo@verizon.net
Topic: 3763 Message: 3763

I just came across a very strange thing while checking the power output on my pfr3.

I wanted to check the power output from both internal and external batteries. I started with internal batteries on 20 meters, into a dummyload and rectifier. I had normal power out. I then moved both band switches down to 30 meters and read about half the voltage across the load as normal. I then moved the band switches again, to 40 meters and had almost zero voltage across the load, key down.

I then checked it with external power and about half voltage on the load on 20 meters and no voltage on the load at 30 and 40 meters.

I then turned the power switch to "OFF" and then changed bands before re-applying power, checked voltage across the load, and it read normal for >4.7 watts across the load for all bands.

It seems that for some reason, changing bands with power applied causes there to be no or little power out. If I turn off the power, and then change bands and then apply power, it works normally.

I have no idea why this is happening, but would advise you to check your pfr3 also to see if you have the same problem.

I had the coax/blt sw. in coax, the Z sw. in Low and the back apron sw. handle towards the coax conn. Both sets of batteries were up to full charge.

73 de k6mgo, Bill

3764. Re: [pfr3_group] Warning.

Yahoo group: pfr3_group
Date: 2012-07-20 20:49:09 UTC
From: Steve Smith
Topic: 3763 Message: 3764

Bill,

The toggle switch must be optioned toward the binding posts when measuring power through the coaxial connector (or when feeding an antenna directly or using an external tuner). Otherwise the BLT is across the load even though it is disconnected from the transmitter by S9.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "k6mgo@..." <k6mgo@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Warning.
Date: Fri, 20 Jul 2012 20:16:57 -0000

I had the coax/blt sw. in coax, the Z sw. in Low and the back apron sw. handle towards the coax conn.

3765. Re: Warning.

Yahoo group: pfr3_group
Date: 2012-07-20 21:26:53 UTC
From: k6mgo@verizon.net
Topic: 3763 Message: 3765

If that's true Steve, than I have a problem. I just checked it out with the toggle sw. towards the binding posts, dummy load on coax, Tune/Oper to Oper, Coax/Blt to Coax and "Z" to Low.

Leaving the power on (Ext) and changing from 20m (10.56V on dummy load) to 30m I got 6.28 V on load, and on 40m 0.012 V.

Turning power off and changing bands to 20m from 30m I read 10.52 across load. Turning off power, going to 40m and toggle still towards binding posts, I read only 6.28 V. Changing only toggle sw I get 10.50 V again.

73 Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:
>
> Bill,
>
> The toggle switch must be optioned toward the binding posts when measuring power through the coaxial connector (or when feeding an antenna directly or using an external tuner). Otherwise the BLT is across the load even though it is disconnected from the transmitter by S9.
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "k6mgo@..." <k6mgo@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Warning.
> Date: Fri, 20 Jul 2012 20:16:57 -0000
>
>
>
> I had the coax/blt sw. in coax, the Z sw. in Low and the back apron sw. handle towards the coax conn.
>

3766. RE: [pfr3_group] Re: Warning.

Yahoo group: pfr3_group
Date: 2012-07-20 21:36:43 UTC
From: Dale Putnam
Topic: 3763 Message: 3766

I'm entering here a bit late, but I've seen this happen, only once... and that can be duplicated quite easily. Do the set up like Bill has done, and change bands, read the power.. change bands, read power... problem.. in my case was caused by NOT unkeying, and letting the microP set up the radio. I've seen similar with bad switches or bad soldering under the switches for band changing.. but the symptoms are different. Bill, I would be very happy to check that radio over for you, if you want.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Fri, 20 Jul 2012 21:26:53 +0000
Subject: [pfr3_group] Re: Warning.

If that's true Steve, than I have a problem. I just checked it out with the toggle sw. towards the binding posts, dummy load on coax, Tune/Oper to Oper, Coax/Blt to Coax and "Z" to Low.

Leaving the power on (Ext) and changing from 20m (10.56V on dummy load) to 30m I got 6.28 V on load, and on 40m 0.012 V.

Turning power off and changing bands to 20m from 30m I read 10.52 across load. Turning off power, going to 40m and toggle still towards binding posts, I read only 6.28 V. Changing only toggle sw I get 10.50 V again.

73 Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Steve Smith" <sigcom@...> wrote:

>

> Bill,

>

> The toggle switch must be optioned toward the binding posts when measuring power through the coaxial connector (or when feeding an antenna directly or using an external tuner). Otherwise the BLT is across the load even though it is disconnected from the transmitter by S9.

>

> 73.......Steve Smith WB6TNL

>

> ---------- Original Message ----------

> From: "k6mgo@..." <k6mgo@...>

> To: pfr3_group@yahoogroups.com

> Subject: [pfr3_group] Warning.

> Date: Fri, 20 Jul 2012 20:16:57 -0000

>

>

>

> I had the coax/blt sw. in coax, the Z sw. in Low and the back apron sw. handle towards the coax conn.

>

3767. Re: Warning.

Yahoo group: pfr3_group
Date: 2012-07-20 21:51:54 UTC
From: k6mgo@verizon.net
Topic: 3763 Message: 3767

Hi Dale,

You just solved my problem. When I left the power on, and changed bands, I also had the the keyer in "T" mode so that I could get a steady key down reading on my DVM across the load. I just checked it again, leaving the power on, but, taking the keyer out of "T" mode, and I got full voltage across the load on all bands.

Who'd thunk? :)

73 and tnx, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> I'm entering here a bit late, but I've seen this happen, only once... and that can be duplicated quite easily. Do the set up like Bill has done, and change bands, read the power.. change bands, read power... problem.. in my case was caused by NOT unkeying, and letting the microP set up the radio. I've seen similar with bad switches or bad soldering under the switches for band changing.. but the symptoms are different. Bill, I would be very happy to check that radio over for you, if you want.
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: k6mgo@...
> Date: Fri, 20 Jul 2012 21:26:53 +0000
> Subject: [pfr3_group] Re: Warning.

3768. RE: [pfr3_group] Re: Warning.

Yahoo group: pfr3_group
Date: 2012-07-20 21:51:55 UTC
From: Steve Smith
Topic: 3763 Message: 3768
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

3769. RE: [pfr3_group] Re: Warning.

Yahoo group: pfr3_group
Date: 2012-07-20 21:54:40 UTC
From: Dale Putnam
Topic: 3763 Message: 3769

Happy to help... no problem. Have a great day,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Fri, 20 Jul 2012 21:51:54 +0000
Subject: [pfr3_group] Re: Warning.

Hi Dale,

You just solved my problem. When I left the power on, and changed bands, I also had the the keyer in "T" mode so that I could get a steady key down reading on my DVM across the load. I just checked it again, leaving the power on, but, taking the keyer out of "T" mode, and I got full voltage across the load on all bands.

Who'd thunk? :)

73 and tnx, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:

>

>

> I'm entering here a bit late, but I've seen this happen, only once... and that can be duplicated quite easily. Do the set up like Bill has done, and change bands, read the power.. change bands, read power... problem.. in my case was caused by NOT unkeying, and letting the microP set up the radio. I've seen similar with bad switches or bad soldering under the switches for band changing.. but the symptoms are different. Bill, I would be very happy to check that radio over for you, if you want.

>

> --... ...--

> Dale - WC7S in Wy

> To: pfr3_group@yahoogroups.com

> From: k6mgo@...

> Date: Fri, 20 Jul 2012 21:26:53 +0000

> Subject: [pfr3_group] Re: Warning.

3770. Re: [pfr3_group] Re: Warning.

Yahoo group: pfr3_group
Date: 2012-07-20 21:57:32 UTC
From: Steve Smith
Topic: 3763 Message: 3770

Disregard all after good morning, HA!

All it took was the man who probably has as practical experience with the PFR-3 as the designer!

Glad you solved the problem.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "k6mgo@..." <k6mgo@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Warning.
Date: Fri, 20 Jul 2012 21:51:54 -0000

Hi Dale,

You just solved my problem. When I left the power on, and changed bands, I also had the the keyer in "T" mode so that I could get a steady key down reading on my DVM across the load. I just checked it again, leaving the power on, but, taking the keyer out of "T" mode, and I got full voltage across the load on all bands.

Who'd thunk? :)

73 and tnx, Bill, k6mgo

3771. RE: [pfr3_group] Re: Warning.

Yahoo group: pfr3_group
Date: 2012-07-20 22:18:53 UTC
From: Dale Putnam
Topic: 3763 Message: 3771

Shucks Steve, thank you, and you know... all that means is I've just done all the conceivable button and switch pushing, pulling, twisting andswitchin, that can be done. Not because I "had to" but because I just fell into it. It's a fun rado... that and the Tri-Bander.. oh.. and don't forget the AT-Sprint coming up.
http://ats-sprint.blogspot.com/

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: sigcom@...
Date: Fri, 20 Jul 2012 21:57:32 +0000
Subject: Re: [pfr3_group] Re: Warning.

Disregard all after good morning, HA!

All it took was the man who probably has as practical experience with the PFR-3 as the designer!

Glad you solved the problem.

73.......Steve Smith WB6TNL

---------- Original Message ----------

From: "k6mgo@verizon.net" <k6mgo@...>

To: pfr3_group@yahoogroups.com

Subject: [pfr3_group] Re: Warning.

Date: Fri, 20 Jul 2012 21:51:54 -0000

Hi Dale,

You just solved my problem. When I left the power on, and changed bands, I also had the the keyer in "T" mode so that I could get a steady key down reading on my DVM across the load. I just checked it again, leaving the power on, but, taking the keyer out of "T" mode, and I got full voltage across the load on all bands.

Who'd thunk? :)

73 and tnx, Bill, k6mgo

3772. ATS-Sprint coming up soon!

Yahoo group: pfr3_group
Date: 2012-07-21 02:52:00 UTC
From: Dale Putnam
Topic: 3772 Message: 3772

It's less than 24 hours away, and sure there will be some competition on the bands.. and that is ok.. yes, it may get frustrating, and somewhat tiring to have to work around... but you know what? If it were really easy... it wouldn't be a challange... and we all like challanges, right? So, here's one for you.... I challange each of you... to get on.. and have some fun... participate in the very first ATS-Sprint. Just do it. I will, I think I will work every one of the radios I have from Steve... each one.. no.. not at the same time... but that would be fun too.. put one on each band...hmmm... I could get them swapped into operation more that way... ... aw... just swapping radios is probably easier.. and less likely to screw something up. SO.. if I tell one of you one radio.. and someone else another... DON'T change the first entry in your log. And if I give each radio its own fair share of airtime..I'll be swapping every half hour. hmmm... I better get that arranged well... so I don't lose much time swapping. Ok.. I'm almost ready.. are you? See you in less than 24 hours.. (let's see... "cq ats, cq ats, cq ats... " yep, that works) Good luck

--... ...--
Dale - WC7S in Wyhttp://ats-sprint.blogspot.com/p/rules.html

3773. ATS-Sprint in 12 Hours

Yahoo group: pfr3_group
Date: 2012-07-21 12:05:02 UTC
From: Dale Putnam
Topic: 3772 Message: 3773

ttp://ats-sprint.blogspot.com/p/rules.html Please check the rules page... lastest and greatest, to help make it even more fun!!! And we have 12 hours left, better hurry.

--... ...--
Dale - WC7S in Wy

It's less than 24 hours away, and sure there will be some competition on the bands.. and that is ok.. yes, it may get frustrating, and somewhat tiring to
have to work around... but you know what? If it were really easy... it wouldn't be a challange... and we all like challanges, right?

So, here's one for you.... I challange each of you... to get on.. and have some fun... participate in the very first ATS-Sprint. Just do it.
I will,
I think I will work every one of the radios I have from Steve... each one.. no.. not at the same time... but that would be fun too.. put one on each band...
hmmm... I could get them swapped into operation more that way... ... aw... just swapping radios is probably easier.. and less likely to screw something up.

SO.. if I tell one of you one radio.. and someone else another... DON'T change the first entry in your log. And if I give each radio its own fair share of airtime..
I'll be swapping every half hour. hmmm... I better get that arranged well... so I don't lose much time swapping.

Ok.. I'm almost ready.. are you?

See you in less than 24 hours..
(let's see... "cq ats, cq ats, cq ats... " yep, that works)

Good luck

--... ...--
Dale - WC7S in Wy
http://ats-sprint.blogspot.com/p/rules.html

3774. XTALS NEEDED

Yahoo group: pfr3_group
Date: 2012-07-22 02:32:32 UTC
From: pileupjunkie
Topic: 3774 Message: 3774

Hello,
I'm in need of 2-3 XTALS at 7.035 on down for a Pixie for a DX friend.
I sent him 2 kits and I told the person to make sure he has the 7.030 XTALS but they were sent with the 7.040 XTALS.
Their usless to him because the Russian Beacon in picked up at 7.039.0.
If anyone know where I can buy a few,please let me know.
Thanks
BOB
AF2Q

3775. Re: ATS-Sprint in 12 Hours

Yahoo group: pfr3_group
Date: 2012-07-22 14:06:08 UTC
From: Joe McGerald
Topic: 3772 Message: 3775

The rules website is down at the moment.
Joe
AF6NI

3776. Rotary encoder kit for PFR / MTR radios - shipping and delivery

Yahoo group: pfr3_group
Date: 2012-07-25 13:04:40 UTC
From: Petr
Topic: 3776 Message: 3776

Hello folks,

according to last talk to Miroslav (Rotary encoder kit father) there are still coming some orders/payment with improper kit prices. As I even found on the internet few of the kits for sale for the higher price and I decided to re-post the original message from Miroslav to avoid mismatches...

"Hello,

I would like to inform you that the kits of rotary encoders for are ready. The price remains the same 25 USD for one kit. The shipping cost is 5 USD for one kit, 6 USD for two kits and 7 USD for three wordwide. You can send the payment to my Paypal account diy4funatgmaildotcom ...

As same as the PFR-3 also all of the ATS series are compatible. The new MTR radio also supported. Please put the note for which radio You are ordering for...

If you want to send the kit to different address than you have in your Paypal account, please let him know either in payment note nor in email."

I hope that it will help You.

73 - Petr, OK1RP

3777. Fox FOXHUNT Thurs evening

Yahoo group: pfr3_group
Date: 2012-07-25 13:16:15 UTC
From: Dale Putnam
Topic: 3777 Message: 3777

Dave - N1IX and I will be your FOXii for the Hunt Thursday evening 7pm MT, or Friday morning, at 0100z .We will be between 14.050 and 14.070 for the fun-est 90 minutes in radio. (No.. I didn't flunk English, it's called author's privilege.)Come and grab a pelt (Qso) with fox and enjoy testing the prop princess.. and her moodiness.We exhange RST-State-Name-Pwr (5 watts or less). I'm thinking about using a 9v transistor battery with 5 watts out, to any of the antennas, including 3 - 360 foot doublets at 50 foot, a vertical on a 1:12 pitch roof, or a 100ft edz at 40 ft.a switch allows quick selection to maximize the effect of whoopin' up on the prop princess. (yeah, I know.. another A.P) So.. let's all gather round, have a blast, and swap tails of the chase.. or would that be... the tale of the chase..... ??? Good Luck to all and to each a fresh plucked pelt. check the rules out at http://www.qrpfoxhunt.org Have a great day,

--... ...--
Dale - WC7S in Wy

3778. ESD mats portable set for safe soldering

Yahoo group: pfr3_group
Date: 2012-07-25 16:50:36 UTC
From: Petr
Topic: 3778 Message: 3778

Hi all,

I would like to share my experiences with ESD mats for safe, ESD protective soldering as it can help to others. I looked for long time on the eBay and other shops for possibility to purchase small portable ESD mats including the cables to connect for same el. potential or directly to common ground.
All mats I found were big and expensive or small but expensive or small, not high quality and expensive etc.

Requested parameters were: two layers, oil, grease and solvent resistant, high temp resistant, acid proof and knife cut proof material.

After long time I returned back to Czech market where I found the company where they has exactly what I looked for but unfortunately the mats are too big. Standard size is 80cm x 160cm for high price dedicated for professional industrial usage. So I tried to call them and they promised to cut it for me to preffered size 40x60cm and install the cables and bananas for ground connection. We also reached after some phone calls excellent price. Total price is finaly $25 including all h/w.

Parameters:
- thickness: 2mm
- RTG = 10^6 ☐ 10^8

ESD Rubber Mats have two layers; the top one is a blue static dissipative rubber layer laminated to a black conductive rubber bottom layer. Surface resistivity of the top layer is 106 ☐ 108 and bottom layer is 105 ☐ 106. This ESD Rubber material offers excellent resistance to oil, grease and most common solvent. These ESD Rubber Mats are very light compared to our single layer and three layer mats. Temperature resistance to 2000F.

The link is over here:
http://kitman.eprodavac.cz/prenosne-esd-pracoviste-sada-18/

Do not worry about the Czech language of the items description in the e-shop.

If You would like to get this ESD mats then let me know I am ready to help You with purchaisng and shipping to you worldwide.

Hope it will help to some of You as same as to me safe soldering in the kitchen property...

73 - Petr, OK1RP

3779. This is a great misfortune

Yahoo group: pfr3_group
Date: 2012-07-28 20:28:50 UTC
From: f6ddv
Topic: 3779 Message: 3779

Good evening everyone
I read that Doug has over his wife by his side, it's very sad.
There are no words that can really help after a disaster like this.
I wish Doug and his family can continue to live with happy memories
good friendly
Jean-Paul F6DDV

3780. Re: ESD mats portable set for safe soldering

Yahoo group: pfr3_group
Date: 2012-07-29 10:22:16 UTC
From: Petr
Topic: 3778 Message: 3780

Hi all,

as I got few emails with questions if it is possible to buy the ESD mats about which I talked in last post and ship them overseas so I am sharing the informaion here again to all...

Yes, I am ready to help with that. I can order them and pay on the e-shop localy. I will re-pack and make the all admin for shipping it to anybody overseas.

The price is just $25 for complete high quality ESD mat including the cables and connection/gnd points as You can see in the link. For payment to me Paypal is ok.

Just drop me an email to indians@... and I will send You quickly the shipping cost and total. It should not be excessive I guess.

My best regards,

73 - Petr, OK1RP

--- In pfr3_group@yahoogroups.com, "Petr" <indians@...> wrote:
>
> Hi all,
>
> I would like to share my experiences with ESD mats for safe, ESD protective soldering as it can help to others. I looked for long time on the eBay and other shops for possibility to purchase small portable ESD mats including the cables to connect for same el. potential or directly to common ground.
> All mats I found were big and expensive or small but expensive or small, not high quality and expensive etc.
>
> Requested parameters were: two layers, oil, grease and solvent resistant, high temp resistant, acid proof and knife cut proof material.
>
> After long time I returned back to Czech market where I found the company where they has exactly what I looked for but unfortunately the mats are too big. Standard size is 80cm x 160cm for high price dedicated for professional industrial usage. So I tried to call them and they promised to cut it for me to preffered size 40x60cm and install the cables and bananas for ground connection. We also reached after some phone calls excellent price. Total price is finaly $25 including all h/w.
>
> Parameters:
> - thickness: 2mm
> - RTG = 10^6 ☐ 10^8
>
> ESD Rubber Mats have two layers; the top one is a blue static dissipative rubber layer laminated to a black conductive rubber bottom layer. Surface resistivity of the top layer is 106 ☐ 108 and bottom layer is 105 ☐ 106. This ESD Rubber material offers excellent resistance to oil, grease and most common solvent. These ESD Rubber Mats are very light compared to our single layer and three layer mats. Temperature resistance to 2000F.
>

> The link is over here:
> http://kitman.eprodavac.cz/prenosne-esd-pracoviste-sada-18/
>
> Do not worry about the Czech language of the items description in the e-shop.
>
> If You would like to get this ESD mats then let me know I am ready to help You with purchaisng and shipping to you worldwide.
>
> Hope it will help to some of You as same as to me safe soldering in the kitchen property...
>
> 73 - Petr, OK1RP
>

3781. Re: [pfr3_group] This is a great misfortune

Yahoo group: pfr3_group
Date: 2012-07-30 00:15:48 UTC
From: David Wilcox
Topic: 3779 Message: 3781

To everyone who has a loved one (a wife or significant other). I was present when Doug advised us his otherwise very responsible wife had not had a mammogram or checkup in over 20 years and had just found out she had breast cancer. He very sadly asked us to check that our family members are doing the right thing and getting their exams. I am a family physician and in my last 40 years have seen the great improvement in our outcomes when cancer is found early. It used to be "God's will" when someone we loved came down with cancer and died but that was before all the testing was available and the many support networks became available for even the uninsured. The simple mammogram and an educated breast exam along with self exams are very helpful. And even more important, no one should ever die from colon cancer. Colonoscopies are available everywhere and they are even free here in northern Michigan if you don't have insurance. One has a
window of 10 years before a colon polyp (the lesion that can be removed during a colonoscopy) becomes and actual cancer so get it done now.... please!

Dave K8WPE
David J. Wilcox, D.O.

From: f6ddv <f6ddv@...>
To: pfr3_group@yahoogroups.com
Sent: Saturday, July 28, 2012 4:28 PM
Subject: [pfr3_group] This is a great misfortune

Good evening
everyone
I read that Doug has over his wife by his side, it's very sad.
There are no words that can really help after a disaster like this.
I wish Doug and
his family can
continue to live with happy
memories
good friendly
Jean-Paul F6DDV

3782. Re: [pfr3_group] This is a great misfortune

Yahoo group: pfr3_group
Date: 2012-07-30 02:26:09 UTC
From: Jed Petrovich
Topic: 3779 Message: 3782

Dr. Dave:

Thanks for the encouragement. I was able to meet Doug in person this year at Visalia. I was very sorry to learn of his wife's passing and even more so learning that it might have even been preventable.

My wife and I are both up to date on our exams. It certainly brings some peace of mind when the tests come back negative. Any discomfort encountered before or during the tests is well worth it.

73,

Jed
AD7KG

On Jul 29, 2012, at 18:15, David Wilcox <djwilcox01@...> wrote:

> To everyone who has a loved one (a wife or significant other). I was present when Doug advised us his otherwise very responsible wife had not had a mammogram or checkup in over 20 years and had just found out she had breast cancer. He very sadly asked us to check that our family members are doing the right thing and getting their exams. I am a family physician and in my last 40 years have seen the great improvement in our outcomes when cancer is found early. It used to be "God's will" when someone we loved came down with cancer and died but that was before all the testing was available and the many support networks became available for even the uninsured. The simple mammogram and an educated breast exam along with self exams are very helpful. And even more important, no one should ever die from colon cancer. Colonoscopies are available everywhere and they are even free here in northern Michigan if you don't have insurance. One has a window of 10 years before a colon polyp (the lesion that can be removed during a colonoscopy) becomes and actual cancer so get it done now.... please!
>
> Dave K8WPE
> David J. Wilcox, D.O.
>
> From: f6ddv <f6ddv@...>
> To: pfr3_group@yahoogroups.com
> Sent: Saturday, July 28, 2012 4:28 PM
> Subject: [pfr3_group] This is a great misfortune
>
>
>
> Good evening everyone
> I read that Doug has over his wife by his side, it's very sad.
> There are no words that can really help after a disaster like this.
> I wish Doug and his family can continue to live with happy memories
> good friendly
> Jean-Paul F6DDV

>
>
>

3783. FW: [AT_Sprint] QST QST QST UPDATE - Team members still being solicited for NAQP (CW) August 4/5

Yahoo group: pfr3_group
Date: 2012-07-30 22:53:55 UTC
From: Dale Putnam
Topic: 3783 Message: 3783

This was on a different reflector, but this one also has a lot of folks that enjoy and appreciate Steve's deligence and use a radio that is a qualifier.So, come join up, you don't have to put in 48 hours... more like 10... much more family, (and experienced op) friendly.Hope to see you in the NAQP!

--... ...--
Dale - WC7S in Wy
To: AT_Sprint@yahoogroups.com
From: n8xx@...
Date: Mon, 30 Jul 2012 13:38:11 -0400
Subject: [AT_Sprint] QST QST QST UPDATE - Team members still being solicited for NAQP (CW) August 4/5

UPDATE: We now have one full team of five suckers... errr. volunteers for the "AT-Sprint Team #1". The latest sucker... errr, volunteer is Doc, K0EVZ. While this rounds out the first team, the NAQP Rules allow for an unlimited number of teams. And, occasionally, personal or business commitment interferes with "the best laid plans of mice and men." So, I'm still looking for additional suckers... errr, volunteers who would like to be a part of this (motley{?}) crew. If we have six volunteers, we'll break into two teams of 3, if we have 7, we'll have one team of 4, another of 3, et. cetera. If we have 20 volunteers, we will enter 4 teams of five. So, please don't be bashful. You needn't be a die hard contest op, you needn't put in a full 10 hours (i.e. "part timers" are fine). There will be plenty of entrants to the contest, so you shouldn't run out of contacts.

The roster for Team # 1 is N0EVZ, NS7E, WC7S, AA4GA, and me (N8XX).

As a reminder - We're looking for operators who have at least one rig designed by Steve, KD1JV, such as the AT-Sprint series (AT-Sprint, AT-Sprint-2, AT-Sprint 3, 3a, 3b, AT-Sprint 4), the Portable Field Radio (PFR), Mountain Top Radio (MTR), and several more. The NAQP uses 160 thru 10 metres (No 60 metres nor WARC Bands). Most activity recently has been on 80 thru 20 metres. We'll be competing mainly with 100 watt ops - there will be a few "practicing" with their "full gallon" stations, but they won't be in the competition. This year the contests runs from 1800Z August 4 to 0600Z August 5, 2012 (First full weekend in August).

Rules for the NAQP are at http://www.ncjweb.com/naqprules.php

Please advise if you're available. I'd like for us to put on "a good old college try" in this event, and show the "big boys" what

QRP can do. Personally, I never cease to be amazed what 5 watts to a modest antenna can do in such competition.

72/73 de n8xx Hg

3784. ESD mats portable set for safe soldering - shipping cost

Yahoo group: pfr3_group
Date: 2012-07-31 09:47:35 UTC
From: Petr
Topic: 3784 Message: 3784

Hello,

upon many requests I decided to share over here the shipping cost and totals for 1pc/2pcs of the ESD mats sets:

1pc of ESD mat portable set

Economy mail service (6-8weeks) worldwide: $13 shipping / $38 total to Paypal (incl. shipping, packaging, insurance, handling, Paypal fee)
Priority mail service (3-4weeks) worldwide: $17 shipping / $42 total to Paypal (incl. shipping, packaging, insurance, handling, Paypal fee)

2pc of ESD mats portable sets

Economy mail service (6-8weeks) worldwide: $19 shipping / $69 total to Paypal (incl. shipping, packaging, insurance, handling, Paypal fee)
Priority mail service (3-4weeks) worldwide: $23 shipping / $73 total to Paypal (incl. shipping, packaging, insurance, handling, Paypal fee)

*the mats including the all h/w will be rolled up, wraped and packed carefully into the bubble wrap envelope.

Payment

Use the Paypal payment to: nostalgia.radio@...
Please mention in the comment the mail service choice.

Shipping

After receiving the payment I will order the batch of mats sets. Delivery to my QTH according to last phone calls to supplier is 2-3days.
Immediately after I will check them, re-pack upon requests, fill the customs paperwork and will shipp to each of You.
Each payment will be confirmed by separate email to You as same as the shipment of the package including the tracking number and link to tracking web page.

My best regards,

73 - Petr, OK1RP

3785. Re: [pfr3_group] (DCxxB)

Yahoo group: pfr3_group
Date: 2012-07-31 16:00:27 UTC
From: f6ddv
Topic: 3785 Message: 3785

Hello all
Do you know if there toujour a manufacturer for the case of
DCxxb series? I know I'm not on the good list, but the list of equipment I asked the question several times
and I have not received a response.
This case was very well built, it is difficult to do as well and as accurate and as solid.
The option with the 4 quarters, with the circuit board is also extra ordinary,
really leaving as small a 1 W with an electronic keyer, it's hard to beat .
I added a capacitor to VXO and tweaked , but I'm really satisfied.
This is the case that blocked me and I would also build a version 18 Mhz
73s
jean paul F6DDV

3786. Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-31 16:29:38 UTC
From: chubso81
Topic: 1 Message: 3786

I just got one of those little Radio Shack mono speaker amps. Its not much bigger than the speaker that I was using. Sounds fine with lots of volume. Needs a 9V battery. I'll be trying it this weekend.

FYI

72, JP, K8AG

--- In pfr3_group@yahoogroups.com, Paul Feltz <paulfeltz@...> wrote:
>
>
> I had kinda thought of combining the NEScaf with "An Automatic Audio Volume Leveler" (AGC) by K1QW in Feb. 2004 QST. Seems that would make a good addition but it would be external to the "yellow box".
>
> 72
> Paul WA0VDM
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: sigcom@...
> Date: Mon, 2 Jul 2012 04:43:29 +0000
> Subject: Re: [pfr3_group] Re: Audio mod
>
>
>
>
>
>
> Ooh, that's a difficult decision. To poke holes in that beautiful yellow coat or not?
>
> 73.......Steve Smith WB6TNL
>

3787. Re: [pfr3_group] Re: Audio mod

Yahoo group: pfr3_group
Date: 2012-07-31 16:57:19 UTC
From: f6ddv
Topic: 1 Message: 3787

good evening
I think the case can make a case that has resonated
and it is not necessary to drill holes
Otherwise, you know that a 1mm gap of 4 cm in length is more easily done with a drill and a disk,
as small holes, and it is a good filter BF. The speaker stuck just below the slot in the housing

73s
F6DDV
----- Original Message -----
From: chubso81
To: pfr3_group@yahoogroups.com
Sent: Tuesday, July 31, 2012 6:29 PM
Subject: [pfr3_group] Re: Audio mod

I just got one of those little Radio Shack mono speaker amps. Its not much bigger than the speaker that I was using. Sounds fine with lots of volume. Needs a 9V battery. I'll be trying it this weekend.

FYI

72, JP, K8AG

--- In pfr3_group@yahoogroups.com, Paul Feltz <paulfeltz@...> wrote:
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>
> I had kinda thought of combining the NEScaf with "An Automatic Audio Volume Leveler" (AGC) by K1QW in Feb. 2004 QST. Seems that would make a good addition but it would be external to the "yellow box".
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> 72
> Paul WA0VDM
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>
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> To: pfr3_group@yahoogroups.com
> From: sigcom@...
> Date: Mon, 2 Jul 2012 04:43:29 +0000
> Subject: Re: [pfr3_group] Re: Audio mod
>
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>

> Ooh, that's a difficult decision. To poke holes in that beautiful yellow coat or not?
>
> 73.......Steve Smith WB6TNL
>

3788. Re: ESD mats portable set for safe soldering - field test

Yahoo group: pfr3_group
Date: 2012-07-31 17:00:35 UTC
From: Petr
Topic: 3784 Message: 3788

Hi all,

today I got my ESD mat from the supplier so I decided to make few tests and share it with You to provide You as much as possible technical information and specs...before decission for ordering it.

The size of mat is 40x60cm as described.
The tickness is 2mm as described (2-layers).

I tested several oils, greases and different solvents and mat survived without any damages.

I tested the flare-up point and it seems to be higher than 1000 C which is corresponding to almost 2000 F. (I was limited by temp sensors and thermometer over here)

I tested the burning thru temperature and it survived 450 C for 2mins which is corresponding to 850 F. (I was limited by my soldering station, hi)

I tested the max of the temp without any noticeable damage of the top layer. It survived 200 C for 2mins which is corresponding to 400 F.

Finaly I tried to cut it using standard knife and make the hole thru using drill and it proved very high resistance.

All these tests results are so great that I am really happy with this new ESD mat and I am sure that it will make great job (for that price) and help a lot to all of You who will order it.

73 - Petr, OK1RP

--- In pfr3_group@yahoogroups.com, "Petr" <indians@...> wrote:
>
> Hello,
>
> upon many requests I decided to share over here the shipping cost and totals for 1pc/2pcs of the ESD mats sets:
>
> 1pc of ESD mat portable set
> ---------------------------
> Economy mail service (6-8weeks) worldwide: $13 shipping / $38 total to Paypal (incl. shipping, packaging, insurance, handling, Paypal fee)
> Priority mail service (3-4weeks) worldwide: $17 shipping / $42 total to Paypal (incl. shipping, packaging, insurance, handling, Paypal fee)
>
> 2pc of ESD mats portable sets
> -----------------------------
> Economy mail service (6-8weeks) worldwide: $19 shipping / $69 total to Paypal (incl. shipping, packaging, insurance, handling, Paypal fee)

> Priority mail service (3-4weeks) worldwide: $23 shipping / $73 total to Paypal (incl. shipping, packaging, insurance, handling, Paypal fee)
>
> *the mats including the all h/w will be rolled up, wraped and packed carefully into the bubble wrap envelope.
>
> Payment
> -------
> Use the Paypal payment to: nostalgia.radio@...
> Please mention in the comment the mail service choice.
>
> Shipping
> --------
> After receiving the payment I will order the batch of mats sets. Delivery to my QTH according to last phone calls to supplier is 2-3days.
> Immediately after I will check them, re-pack upon requests, fill the customs paperwork and will shipp to each of You.
> Each payment will be confirmed by separate email to You as same as the shipment of the package including the tracking number and link to tracking web page.
>
> My best regards,
>
> 73 - Petr, OK1RP
>

3789. RE: [pfr3_group] (DCxxB)

Yahoo group: pfr3_group
Date: 2012-07-31 17:02:47 UTC
From: Jake, ON4YZ
Topic: 3785 Message: 3789

Bonsoir Jean-Paul,

Have a look in your wanadoo.fr mail box.

73 de Jake - ON4YZ

3790. Re: [pfr3_group] (DCxxB)

Yahoo group: pfr3_group
Date: 2012-07-31 17:09:46 UTC
From: f6ddv
Topic: 3785 Message: 3790

Well done Jake, Thanks and 73s
jp F6DDV

From: Jake, ON4YZ
To: pfr3_group@yahoogroups.com
Sent: Tuesday, July 31, 2012 7:02 PM
Subject: RE: [pfr3_group] (DCxxB)

Bonsoir Jean-Paul,

Have a look in your wanadoo.fr mail box.

73 de Jake - ON4YZ

3791. FW: [AT_Sprint] Last Call, volunteers for AT-Sprint Team members, NAQP, August 4/5

Yahoo group: pfr3_group
Date: 2012-08-03 15:01:35 UTC
From: Dale Putnam
Topic: 3791 Message: 3791

The PFR-3 and Tri-Bander qualify also.See you in the QP!!
--... ...--
Dale - WC7S in Wy
To: AT_Sprint@yahoogroups.com
From: n8xx@...
Date: Fri, 3 Aug 2012 10:57:28 -0400
Subject: [AT_Sprint] Last Call, volunteers for AT-Sprint Team members, NAQP, August 4/5

WE now have the following suckers, errrr, volunteers for "AT-Sprint"

teams for the North American QSO Party CW (NAQP) this coming Saturday.

The event starts at 1800Z Saturday, and runs until 0600Z Sunday.

The members so far are: NS7E, W0EA, AA4GA, N6OSB. WC7S. N8XX

K0EVZ had to bow out for personal reasons. We will miss you Doc, and

understand that other obligations get in the way of hamming from time to

time.

Full details of NAQP are at http://www.ncjweb.com/naqprules.php

We have room for as many suckers, errr, volunteers as can have their

arms (or legs) twisted to join us..

As I said before, the only requirement is that you have, and agree to

use, any of the several rigs designed by Steven Weber, KD1JV (AT-Sprint

series, Mountain Top Radio, Portable Field Radio, etc.). You need NOT

operate the full 10 hours allowed (but give it the "olde college try" if

you're part time).

I'll wait until tomorrow (Saturday) at 1200Z (8 a.m. EDT) for suckers,

errrr.... volunteers. Please let me know your availability.

72/73 de n8xx Hg

3792. Panic! My PFR3a died.

Yahoo group: pfr3_group
Date: 2012-08-04 22:28:41 UTC
From: full_30dbm
Topic: 3792 Message: 3792

Hi all,

while listening on 14110kHz on battery power my PFR died all of sudden on its own. It's been working fine for several months. Display is gone, and no sound.

The 5V regulator gets very hot and the voltage on the 5V side of it is just 3.2V. When Atmel processor is removed, the voltage rises to 5V suggesting something wrong with the processor or then something behind it is shorting I guess.

Any thoughts, ideas or similar experiences?

73 de Riku, ZL1KLP

3793. RE: [pfr3_group] Panic! My PFR3a died.

Yahoo group: pfr3_group
Date: 2012-08-04 23:02:03 UTC
From: Dale Putnam
Topic: 3792 Message: 3793

Can you lift the output of the reg to isolate it? lift L7... the choke to the pas... also.. start there. Isolation of the short, sorta thing.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: zl1klp.ham@...
Date: Sat, 4 Aug 2012 22:28:41 +0000
Subject: [pfr3_group] Panic! My PFR3a died.

Hi all,

while listening on 14110kHz on battery power my PFR died all of sudden on its own. It's been working fine for several months. Display is gone, and no sound.

The 5V regulator gets very hot and the voltage on the 5V side of it is just 3.2V. When Atmel processor is removed, the voltage rises to 5V suggesting something wrong with the processor or then something behind it is shorting I guess.

Any thoughts, ideas or similar experiences?

73 de Riku, ZL1KLP

3794. Re: [pfr3_group] Panic! My PFR3a died.

Yahoo group: pfr3_group
Date: 2012-08-05 08:35:28 UTC
From: Christer Andersson
Topic: 3792 Message: 3794

Hi !
I had the same experience some years ago, the 5V regulator became hot and the rig died. what did hapen to my rig was a broken U8 after about 30 QSOs.
I might not be so in your case but its a simple check to do before starting to desolder a lot of components.

Hope you get the rig on the air soon

73 de SM4LRA / Christer

From: Dale Putnam <daleputnam@...>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Sunday, August 5, 2012 1:02 AM
Subject: RE: [pfr3_group] Panic! My PFR3a died.

Can you lift the output of the reg to isolate it? lift L7... the choke to the pas... also.. start there. Isolation of the short, sorta thing.

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: zl1klp.ham@...
Date: Sat, 4 Aug 2012 22:28:41 +0000
Subject: [pfr3_group] Panic! My PFR3a died.

Hi all,

while listening on 14110kHz on battery power my PFR died all of sudden on its own. It's been working fine for several months. Display is gone, and no sound.

The 5V regulator gets very hot and the voltage on the 5V side of it is just 3.2V. When Atmel processor is removed, the voltage rises to 5V suggesting something wrong with the processor or then something behind it is shorting I guess.

Any thoughts, ideas or similar experiences?

73 de Riku, ZL1KLP

3795. Re: Panic! My PFR3a died.

Yahoo group: pfr3_group
Date: 2012-08-05 10:54:43 UTC
From: full_30dbm
Topic: 3792 Message: 3795

Thanks for comments. U8 ruled out, all good there. Also L7 removed, but the issue remains.

As I see it, it is a problem in the 5V feed only, and as when CPU is removed there is no issue. I'm pretty convinced now that the CPU died - still need to try to figure out why before installing a new one.

Is the code available anywhere should I want to try to program that atmel myself?

Cheerios,
ZL1KLP - Riku

--- In pfr3_group@yahoogroups.com, Christer Andersson <sm4lra@...> wrote:
>
> Hi !
> I had the same experience some years ago, the 5V regulator became hot and the rig died.
> what did hapen to my rig was a broken U8 after about 30 QSOs.
> I might not be so in your case but its a simple check to do before starting to desolder a lot of components.
> Â
> Hope you get the rig on the air soon
> Â
> 73 de SM4LRA / Christer
>
>
> _____
> From: Dale Putnam <daleputnam@...>
> To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
> Sent: Sunday, August 5, 2012 1:02 AM
> Subject: RE: [pfr3_group] Panic! My PFR3a died.
>
>
> Â
> Can you lift the output of the reg to isolate it?Â lift L7... the choke to the pas... also.. start there. Isolation of the short, sorta thing.
>
> --... ...-- Dale - WC7S in Wy
> Â
>
>
> _____
> To: pfr3_group@yahoogroups.com
> From: zl1klp.ham@...
> Date: Sat, 4 Aug 2012 22:28:41 +0000
> Subject: [pfr3_group] Panic! My PFR3a died.
>
> Â

> Hi all,
>
> while listening on 14110kHz on battery power my PFR died all of sudden on its own. It's been working fine for several months. Display is gone, and no sound.
>
> The 5V regulator gets very hot and the voltage on the 5V side of it is just 3.2V. When Atmel processor is removed, the voltage rises to 5V suggesting something wrong with the processor or then something behind it is shorting I guess.
>
> Any thoughts, ideas or similar experiences?
>
> 73 de Riku, ZL1KLP
>

3796. Fine !

Yahoo group: pfr3_group
Date: 2012-08-06 17:35:48 UTC
From: f6ddv
Topic: 3796 Message: 3796

Hello all
I just saw the pictures of CT1BWW to built the pfr3.
Ah, what fond memories this circuit and the latest finish, this is an amazing adventure that I recommend to all.
My pfr3 is equipped with an internal battery 2 x 3 cell Li-Ion battery and a switch to select battery charge
or external battery power by a foreign classic.
and perhaps an power amp. and speaker inside
I see the little switch caps that I've never had, I do not know if they are special for the little switch,
maybe I will buy them at the same time if I order parts from Doug
73s to all
F6DDV

3797. Sidetone

Yahoo group: pfr3_group
Date: 2012-08-09 01:01:45 UTC
From: bobzolecki
Topic: 564 Message: 3797

What's the best way to increase the volume of the sidetone? I have very bad hearing and need to increase the volume...Tks Bob z KR9Z

3798. Re: [pfr3_group] Sidetone

Yahoo group: pfr3_group
Date: 2012-08-09 01:12:46 UTC
From: beargyrils@aol.com
Topic: 564 Message: 3798

Samll aydio AMP sold ny Morse express.
I posted this several times but no one wants anything extra.
Mine is built in a very small box that plugs into the rig then I plug in the ear buds.
Works super.
BOB
AF2Q

In a message dated 8/8/2012 6:01:49 P.M. Pacific Daylight Time, bobzolecki@... writes:

What's the best way to increase the volume of the sidetone? I have very bad hearing and need to increase the volume...Tks Bob z KR9Z

3799. Looking for CPU - anyone?

Yahoo group: pfr3_group
Date: 2012-08-09 21:26:39 UTC
From: full_30dbm
Topic: 3799 Message: 3799

Hi all,

would there be anyone who's got an extra atmel processor with pfr3a SW in for sale?

Doug's unable to help and Steve's unreachable.

Cheers,
Riku, ZL1KLP

3800. Re: [pfr3_group] Looking for CPU - anyone?

Yahoo group: pfr3_group
Date: 2012-08-10 12:52:56 UTC
From: hzp_electronics@juno.com
Topic: 3799 Message: 3800
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

3801. Re: Looking for CPU - anyone?

Yahoo group: pfr3_group
Date: 2012-08-12 20:58:17 UTC
From: full_30dbm
Topic: 3799 Message: 3801

Thanks Bill, I found the PFR3A.ASM file - and managed compile it to hex with my avr studio 4 (m48def.inc file needs to be one dated around 2007 or so, others fail with errors). Now waiting for couple of new atmega48's to turn up in mailbox.

Cheers,
Riku

--- In pfr3_group@yahoogroups.com, "hzp_electronics@..." <hzp_electronics@...> wrote:
>
> Hi Riku,
> Doug provided the code to this user group. It is available to all.
> If you or someone you know can compile the code and program the Atmel, you would be in business!
> ... Bill K3HZP
>
> Hi all,
>
> would there be anyone who's got an extra atmel processor with pfr3a SW in for sale?
>
> Doug's unable to help and Steve's unreachable.
>
> Cheers,
> Riku, ZL1KLP
>
>
>
> --
> 53 Year Old Mom Looks 33
> The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
> http://thirdpartyoffers.juno.com/TGL3131/5025048b32f3d48a2478st01vuc
>

3802. RE: [AT_Sprint] New to the Group

Yahoo group: pfr3_group
Date: 2012-08-13 11:57:15 UTC
From: Dale Putnam
Topic: 3802 Message: 3802

If you could find a TriBander, sold by Hendricks, or a PFR-3, same source, they would be my choice. However, Doug Hendricks is dealing witha personal situation, the last check of his website was indicating a pause in shipments just now.Maybe someone has one on a shelf somewhere?

--... ...--
Dale - WC7S in Wy
To: AT_Sprint@yahoogroups.com
From: chris@...
Date: Sun, 12 Aug 2012 19:18:38 -0700
Subject: Re: [AT_Sprint] New to the Group

Well since Steve is on vacation, what low priced rig would you

recommend building for the time being? I was looking at this rig, but

I don't need SSB:

http://kd1jv.qrpradio.com/ARRLHBC/ARRL_MMR40.html

I already own a FT-817. I was looking into something that was

smaller and more compact that I could run off of a solar cell and a

ultra capacitor. If I want to get really alternative, I could have

sterling engine run a small D.C. generator too.

Regards,

Chris Maness

3803. A bit OT but shows hams in action from the 50's working Ecomm Mobile

Yahoo group: pfr3_group
Date: 2012-08-15 23:43:02 UTC
From: pileupjunkie
Topic: 3803 Message: 3803

I was just a little kid when hurricane hazel hit Trenton,NJ and the next year Diane came right up the Delaware River.
The U tube is long but after half way it shows hams on action and some mobile
ENJOY
BOB
AF2Q http://www.crompton.com/hamradio/

3804. Hendricks QRP Kits

Yahoo group: pfr3_group
Date: 2012-08-16 02:03:00 UTC
From: KI6DS
Topic: 1187 Message: 3804

I would like to thank everyone for their thoughtful words, email messages, phone calls and cards for my wife's passing on July 16th. I never realized how many friends that I had until this happened. You all were a comfort for me. People are asking how I am doing, and I am going to be fine. Every day is better, and I have my family close by. I have always been a positive person, and I will continue to be.

I also would like to thank those of you who have been patient with me as Hendricks QRP Kits has been closed while I dealt with my situation. The business will reopen in the morning, Aug. 16th, and I am ready to get back to work. I would like to say a special thank you to Dean Davis, and Ken LoCasale who have been invaluable in their help to me dealing with customers. Thank you again everyone, and God bless. Doug

3805. Re: [pfr3_group] Hendricks QRP Kits

Yahoo group: pfr3_group
Date: 2012-08-16 13:55:14 UTC
From: Lee Mairs (SAG)
Topic: 1187 Message: 3805

Hang in there Doug. We are still praying for you and your family.
73 de Lee
KM4YY

On 8/15/2012 10:03 PM, KI6DS wrote:
> I would like to thank everyone for their thoughtful words, email messages, phone calls and cards for my wife's passing on July 16th. I never realized how many friends that I had until this happened. You all were a comfort for me. People are asking how I am doing, and I am going to be fine. Every day is better, and I have my family close by. I have always been a positive person, and I will continue to be.
>
> I also would like to thank those of you who have been patient with me as Hendricks QRP Kits has been closed while I dealt with my situation. The business will reopen in the morning, Aug. 16th, and I am ready to get back to work. I would like to say a special thank you to Dean Davis, and Ken LoCasale who have been invaluable in their help to me dealing with customers. Thank you again everyone, and God bless. Doug
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

3806. Re: Looking for CPU - anyone?

Yahoo group: pfr3_group
Date: 2012-08-16 22:52:36 UTC
From: full_30dbm
Topic: 3799 Message: 3806

Atmega48 arrived yesterday in mail and I succesfully programmed it with the assembler file found here (thanks Bill). That also fixed my PFR3A and I'm on air again =)

Procedure was:
1) load the PFR3A.ASM assembler file from the files section
2) use AVR Studio (free of charge from atmel web site) to compile it into hex file
3) find ISP programmer (easy to make one yourself if you are into Arduino stuff)
4) use avrdude to copy the hex onto the flash of atmega48
5) change the atmega fuses so that the internal clock is 8MHz and no divider
6) now that this works again, find from Doug's qrpkits something else to tinker with

Cheerios,
Riku ZL1KLP

--- In pfr3_group@yahoogroups.com, "full_30dbm" <zl1klp.ham@...> wrote:
>
> Thanks Bill, I found the PFR3A.ASM file - and managed compile it to hex with my avr studio 4 (m48def.inc file needs to be one dated around 2007 or so, others fail with errors). Now waiting for couple of new atmega48's to turn up in mailbox.
>
> Cheers,
> Riku
>
> --- In pfr3_group@yahoogroups.com, "hzp_electronics@" <hzp_electronics@> wrote:
> >
> > Hi Riku,
> > Doug provided the code to this user group. It is available to all.
> > If you or someone you know can compile the code and program the Atmel, you would be in business!
> > ... Bill K3HZP
> >
> > Hi all,
> >
> > would there be anyone who's got an extra atmel processor with pfr3a SW in for sale?
> >
> > Doug's unable to help and Steve's unreachable.
> >
> > Cheers,
> > Riku, ZL1KLP
> >
> >
> >
> > ____
> > 53 Year Old Mom Looks 33
> > The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
> > http://thirdpartyoffers.juno.com/TGL3131/5025048b32f3d48a2478st01vuc

> >
>

3808. Re: [pfr3_group] Re: Looking for CPU - anyone?

Yahoo group: pfr3_group
Date: 2012-08-17 15:37:06 UTC
From: hzp_electronics@juno.com
Topic: 3799 Message: 3808
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

3809. Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?

Yahoo group: pfr3_group
Date: 2012-08-18 22:47:28 UTC
From: Manuel
Topic: 3809 Message: 3809

Hi

Anyone as idea where i could purchase the krylon acrylic clear matte finish 1311 to complete the PFR3 Enclosure

I have here FLYCOLOR ACRYL BASE lacquer, but I'm affraid it will work.
I can't found a store with KRYLON
Thanks for any reply

73s frm Marq ct1bww

3810. RE: [pfr3_group] Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?

Yahoo group: pfr3_group
Date: 2012-08-19 01:39:18 UTC
From: Dale Putnam
Topic: 3809 Message: 3810

Hi Marq, You might spray a bit of that clear finish on a cotton swab, then dab in onto the inside of the lid, in a place you can see well. Let it dry completely. See if there is an issue with it. I would be surprised it if isn't workable. Be careful to remove, or not install the red dial cover before spraying tho. It won't like the clear coat.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: ct1bww@...
Date: Sat, 18 Aug 2012 22:47:28 +0000
Subject: [pfr3_group] Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?

Hi

Anyone as idea where i could purchase the krylon acrylic clear matte finish 1311 to complete the PFR3 Enclosure

I have here FLYCOLOR ACRYL BASE lacquer, but I'm affraid it will work.

I can't found a store with KRYLON

Thanks for any reply

73s frm Marq ct1bww

3811. Re: Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?

Yahoo group: pfr3_group
Date: 2012-08-19 20:08:25 UTC
From: Manuel
Topic: 3809 Message: 3811

Hi Dale,
Thanks! Yes that's a good suggestion. Hope it works! ;-)
73s frm Marq ct1 bravo willy willy

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Marq, You might spray a bit of that clear finish on a cotton swab, then dab in onto the inside of the lid, in a place you can see well. Let it dry completely. See if there is an issue with it. I would be surprised it if isn't workable. Be careful to remove, or not install the red dial cover before spraying tho. It won't like the clear coat.
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: ct1bww@...
> Date: Sat, 18 Aug 2012 22:47:28 +0000
> Subject: [pfr3_group] Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?
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> Hi
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> Anyone as idea where i could purchase the krylon acrylic clear matte finish 1311 to complete the PFR3 Enclosure
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> I have here FLYCOLOR ACRYL BASE lacquer, but I'm affraid it will work.
>
> I can't found a store with KRYLON
>
> Thanks for any reply
>
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>
> 73s frm Marq ct1bww
>

3812. Re: [pfr3_group] Re: Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?

Yahoo group: pfr3_group
Date: 2012-08-20 00:00:05 UTC
From: Roberto Salazar
Topic: 3809 Message: 3812

Yes, try! Sure it will work OK

From: Manuel <ct1bww@...>
To: pfr3_group@yahoogroups.com
Sent: Sunday, August 19, 2012 1:08 PM
Subject: [pfr3_group] Re: Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?

Hi Dale,
Thanks! Yes that's a good suggestion. Hope it works! ;-)
73s frm Marq ct1 bravo willy willy

--- In mailto:pfr3_group%40yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Marq, You might spray a bit of that clear finish on a cotton swab, then dab in onto the inside of the lid, in a place you can see well. Let it dry completely. See if there is an issue with it. I would be surprised it if isn't workable. Be careful to remove, or not install the red dial cover before spraying tho. It won't like the clear coat.
>
> --... ...--
> Dale - WC7S in Wy
> To: mailto:pfr3_group%40yahoogroups.com
> From: ct1bww@...
> Date: Sat, 18 Aug 2012 22:47:28 +0000
> Subject: [pfr3_group] Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?
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> Anyone as idea where i could purchase the krylon acrylic clear matte finish 1311 to complete the PFR3 Enclosure
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> I have here FLYCOLOR ACRYL BASE lacquer, but I'm affraid it will work.
>
> I can't found a store with KRYLON
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> Thanks for any reply
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> 73s frm Marq ct1bww
>

3813. Re: Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?

Yahoo group: pfr3_group
Date: 2012-08-20 18:00:44 UTC
From: Manuel
Topic: 3809 Message: 3813

Hola TRoberto,

Muchas Gracias... yo voy hacer un test como sugeriu Sr.Dale WC7S
Gracias tambien por excelente trabajo con tu PFR3 y por las fotos y la informacion es un ayuda importante.

Saludos Cordiales y un Fuerte Abrazo
73s de Marq ct1bww

--- In pfr3_group@yahoogroups.com, Roberto Salazar <ys1rs@...> wrote:
>
> Yes, try! Sure it will work OK
>
>
>
> _____
> From: Manuel <ct1bww@...>
> To: pfr3_group@yahoogroups.com
> Sent: Sunday, August 19, 2012 1:08 PM
> Subject: [pfr3_group] Re: Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?
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>
> Â
> Hi Dale,
> Thanks! Yes that's a good suggestion. Hope it works! ;-)
> 73s frm Marq ct1 bravo willy willy
>
> --- In mailto:pfr3_group%40yahoogroups.com, Dale Putnam <daleputnam@> wrote:
> >
> >
> > Hi Marq, You might spray a bit of that clear finish on a cotton swab, then dab in onto the inside of the lid, in a place you can see well. Let it dry completely. See if there is an issue with it. I would be surprised it if isn't workable. Be careful to remove, or not install the red dial cover before spraying tho. It won't like the clear coat.
> >
> > --... ...--
> > Dale - WC7S in Wy
> > To: mailto:pfr3_group%40yahoogroups.com
> > From: ct1bww@
> > Date: Sat, 18 Aug 2012 22:47:28 +0000
> > Subject: [pfr3_group] Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?
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> > I have here FLYCOLOR ACRYL BASE lacquer, but I'm affraid it will work.
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> > I can't found a store with KRYLON
> >
> > Thanks for any reply
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> > 73s frm Marq ct1bww
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3814. Re: [pfr3_group] Re: Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?

Yahoo group: pfr3_group
Date: 2012-08-21 05:11:02 UTC
From: Roberto Salazar
Topic: 3809 Message: 3814

Your welcome Manuel.
De nada Manuel.
I used another clear coat product and worked well. Not exactly Krylon but remember it was also a spray one.
Had to let the decals dry well first and also let the clear product dry well between coats too.
It worked fine. That was my experience.

Un abrazo.

72 de Rob.
YS1RS
at present VE7/YS1RS for a few more days.

_____
From: Manuel <ct1bww@...>
To: pfr3_group@yahoogroups.com
Sent: Monday, August 20, 2012 11:00 AM
Subject: [pfr3_group] Re: Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?

Hola TRoberto,

Muchas Gracias... yo voy hacer un test como sugeriu Sr.Dale WC7S
Gracias tambien por excelente trabajo con tu PFR3 y por las fotos y la informacion es un ayuda importante.

Saludos Cordiales y un Fuerte Abrazo
73s de Marq ct1bww

--- In mailto:pfr3_group%40yahoogroups.com, Roberto Salazar <ys1rs@...> wrote:
>
> Yes, try! Sure it will work OK
>
>
>
> _____
> From: Manuel <ct1bww@...>
> To: mailto:pfr3_group%40yahoogroups.com
> Sent: Sunday, August 19, 2012 1:08 PM
> Subject: [pfr3_group] Re: Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?
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> Hi Dale,
> Thanks! Yes that's a good suggestion. Hope it works! ;-)
> 73s frm Marq ct1 bravo willy willy
>
> --- In mailto:pfr3_group%40yahoogroups.com, Dale Putnam <daleputnam@> wrote:
> >
> >
> > Hi Marq, You might spray a bit of that clear finish on a cotton swab, then dab in onto the inside of the lid, in a place you can see well. Let it dry completely. See if there is an issue with it. I would be surprised it if isn't workable. Be careful to remove, or not install the red dial cover before spraying tho. It won't like the clear coat.
> >
> > --... ...--
> > Dale - WC7S in Wy
> > To: mailto:pfr3_group%40yahoogroups.com
> > From: ct1bww@
> > Date: Sat, 18 Aug 2012 22:47:28 +0000
> > Subject: [pfr3_group] Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?
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> > Anyone as idea where i could purchase the krylon acrylic clear matte finish 1311 to

complete the PFR3 Enclosure
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> >
> > I have here FLYCOLOR ACRYL BASE lacquer, but I'm affraid it will work.
> >
> > I can't found a store with KRYLON
> >
> > Thanks for any reply
> >
> >
> >
> > 73s frm Marq ct1bww
> >
>

3815. FOX: Good MORNING FoxHunters!!

Yahoo group: pfr3_group
Date: 2012-08-25 16:51:05 UTC
From: Dale Putnam
Topic: 3815 Message: 3815

It is a wonderful day in the life of a foxhunter!... Yep. Sky is blue, not very many clouds, the temp is 57 and rising, the breeze is too much to paint the house, and I have time to work on antennas, and scan the foxpage..... Did you see that NK6A just barely squeeeeeeeked by K4BAI for the TOP FOX... and there is only one week left..... to hunt in... and only one more log to score.. then this last week will be posted too... As it stands now tho.. with two weeks left to post... Don is on the top of the Fox Den Standings. Now how about those Hounds????WOW!... NK6A is holding the top spot for Hounds too! But there are 6 Hungry Hounds nippin and yippin at his heels.... Not nary a slip can he afford. Better come check out the excitement, and watch this coming Thursday... as the Hounds close in... and the Foxii... slip slyly through the woods.... It's going to be a 90 minutes exciting close to the season. And remember we have a no fire ban in the woods... so watch out for sparks, arcs and no flame throwers allowed, in the last hunt of the summer of 2012. Good Luck to all and to all a Good Hunt!!

--... ...--
Dale - WC7S in Wy and there have been 949 pelts handed out with two weeks to go... can we break 1300 pelts this year? Bring your friends along, bet we can!

3816. Finish my PFR3 , but not safisfied with output power!

Yahoo group: pfr3_group
Date: 2012-08-25 19:31:57 UTC
From: Manuel
Topic: 3816 Message: 3816

Hi ,

Finally I finish my PFR3.
Here results with 12,5 Volts
20 Mts - 1,75 watts
30 Mts - 2,92 watts
40 Mts - 5,75 watss

Any idea where i can get 5 watts on all bands, perhaps moving the turns on Toroids filter, i'm right?

Thanks in advance for any possible comment.

73s frm Marq ct1bww

3817. Re: Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?

Yahoo group: pfr3_group
Date: 2012-08-25 19:33:52 UTC
From: Manuel
Topic: 3809 Message: 3817

Hi ,

I´ve tested and used FLYCOLOR ACRYL BASE lacquer works fine

73s frm Marq ...ct1bww

--- In pfr3_group@yahoogroups.com, Roberto Salazar <ys1rs@...> wrote:
>
> Your welcome Manuel.
> De nada Manuel.
> I usedÂ another clear coat product and worked well. Not exactly Krylon but remember it was also a spray one.
> Had to let the decals dry well first and also let the clear product dry well between coats too.
> It worked fine. That was my experience.
> Â
> Un abrazo.
> Â
> 72 de Rob.
> YS1RS
> at present VE7/YS1RS for a few more days.
>
>
> _____
> From: Manuel <ct1bww@...>
> To: pfr3_group@yahoogroups.com
> Sent: Monday, August 20, 2012 11:00 AM
> Subject: [pfr3_group] Re: Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?
>
>
> Â
> Hola TRoberto,
>
> Muchas Gracias... yo voy hacer un test como sugeriu Sr.Dale WC7S
> Gracias tambien por excelente trabajo con tu PFR3 y por las fotos y la informacion es un ayuda importante.
>
> Saludos Cordiales y un Fuerte Abrazo
> 73s de Marq ct1bww
>
> --- In mailto:pfr3_group%40yahoogroups.com, Roberto Salazar <ys1rs@> wrote:
> >
> > Yes, try! Sure it will work OK
> >
> >
> >

> > _____
> > From: Manuel <ct1bww@>
> > To: mailto:pfr3_group%40yahoogroups.com
> > Sent: Sunday, August 19, 2012 1:08 PM
> > Subject: [pfr3_group] Re: Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?
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> >
> > Ã□Â
> > Hi Dale,
> > Thanks! Yes that's a good suggestion. Hope it works! ;-)
> > 73s frm Marq ct1 bravo willy willy
> >
> > --- In mailto:pfr3_group%40yahoogroups.com, Dale Putnam <daleputnam@> wrote:
> > >
> > >
> > > Hi Marq, You might spray a bit of that clear finish on a cotton swab, then dab in onto the inside of the lid, in a place you can see well. Let it dry completely. See if there is an issue with it. I would be surprised it if isn't workable. Be careful to remove, or not install the red dial cover before spraying tho. It won't like the clear coat.
> > >
> > > --... ...--
> > > Dale - WC7S in Wy
> > > To: mailto:pfr3_group%40yahoogroups.com
> > > From: ct1bww@
> > > Date: Sat, 18 Aug 2012 22:47:28 +0000
> > > Subject: [pfr3_group] Anyone know where to buy on Europe krylon acrylic clear matte finish 1311?
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> > > Hi
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> > > Anyone as idea where i could purchase the krylon acrylic clear matte finish 1311 to complete the PFR3 Enclosure
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> > >
> > > I have here FLYCOLOR ACRYL BASE lacquer, but I'm affraid it will work.
> > >
> > > I can't found a store with KRYLON
> > >
> > > Thanks for any reply
> > >
> > >
> > >
> > > 73s frm Marq ct1bww
> > >
> >
>

3818. RE: [pfr3_group] Finish my PFR3 , but not safisfied with output power!

Yahoo group: pfr3_group
Date: 2012-08-25 19:48:33 UTC
From: Dale Putnam
Topic: 3816 Message: 3818

Yes Marq, squeeze or spread the band filter toroids to adjust for correct power out. Watch the current being drawn at the same time. Do not exceed 950ma. You may find that squeezing one and spreading the other yields the best power to current ratio.Good Luck,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: ct1bww@...
Date: Sat, 25 Aug 2012 19:31:57 +0000
Subject: [pfr3_group] Finish my PFR3 , but not safisfied with output power!

Hi ,

Finally I finish my PFR3.

Here results with 12,5 Volts

20 Mts - 1,75 watts

30 Mts - 2,92 watts

40 Mts - 5,75 watss

Any idea where i can get 5 watts on all bands, perhaps moving the turns on Toroids filter, i'm right?

Thanks in advance for any possible comment.

73s frm Marq ct1bww

3819. ESD mats portable set for safe soldering - all shipped

Yahoo group: pfr3_group
Date: 2012-08-27 10:23:06 UTC
From: Petr
Topic: 3819 Message: 3819

Hello all,

Just FYI...

I would like to inform that all ordered/paid ESD mat sets has been shipped including an email confirmation and own tracking number with link to tracking website.

I hope that all will arrive safely and that You will enjoy Your new ESD tool as much as me in my home lab. Your comments will be appreciated. Hope that it will help to all of us with ESD protection during our homebrewing.

...and one more think

Yes, 1MOhm resistor to limiting the current is included in both blue coiled wires so additional grounding point with resistor is not needed.

My best regards,

73 - Petr, OK1RP

3820. CW Tuning Indicator

Yahoo group: pfr3_group
Date: 2012-09-03 21:13:31 UTC
From: k6mgo@verizon.net
Topic: 3820 Message: 3820

Has anyone installed the K6XX CW tuning indicator,on the PFR3, and if so, how does it work with the 50Hz tuning steps?

Any hints, suggestions or comments please.

73, Bill, k6mgo

3821. Re: [pfr3_group] CW Tuning Indicator

Yahoo group: pfr3_group
Date: 2012-09-03 21:21:00 UTC
From: f6ddv
Topic: 3820 Message: 3821

Hello
I do not know this option
What is it exactly?
A hyperlink?
73
F6DDV
----- Original Message -----
From: k6mgo@...
To: pfr3_group@yahoogroups.com
Sent: Monday, September 03, 2012 11:13 PM
Subject: [pfr3_group] CW Tuning Indicator

Has anyone installed the K6XX CW tuning indicator,on the PFR3, and if so, how does it work with the 50Hz tuning steps?

Any hints, suggestions or comments please.

73, Bill, k6mgo

3822. Selling yellow box

Yahoo group: pfr3_group
Date: 2012-09-03 21:25:54 UTC
From: KO0D
Topic: 3822 Message: 3822

Selling my PFR-3A. Not used much over last two years. Dale, WC7S did final 'tweaking' and the unit meets all the specs. His data sheet goes with unit. $240 shipped in CONUS.

3823. Re: CW Tuning Indicator

Yahoo group: pfr3_group
Date: 2012-09-03 21:31:01 UTC
From: k6mgo@verizon.net
Topic: 3820 Message: 3823

You can find it on the internet JP, at this URL:

http://www.wb3aal.com/Pages/K6XX/K6XXCWIndicatorKit.htm

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello
> I do not know this option
> What is it exactly?
> A hyperlink?
> 73
> F6DDV
> ----- Original Message -----
> From: k6mgo@...
> To: pfr3_group@yahoogroups.com
> Sent: Monday, September 03, 2012 11:13 PM
> Subject: [pfr3_group] CW Tuning Indicator
>
>
>
> Has anyone installed the K6XX CW tuning indicator,on the PFR3, and if so, how does it work with the 50Hz tuning steps?
>
> Any hints, suggestions or comments please.
>
> 73, Bill, k6mgo
>

3824. RE: [pfr3_group] Re: CW Tuning Indicator

Yahoo group: pfr3_group
Date: 2012-09-03 22:28:34 UTC
From: Dale Putnam
Topic: 3820 Message: 3824

It seems to me that that would work rather well...

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Mon, 3 Sep 2012 21:31:01 +0000
Subject: [pfr3_group] Re: CW Tuning Indicator

You can find it on the internet JP, at this URL:

http://www.wb3aal.com/Pages/K6XX/K6XXCWIndicatorKit.htm

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:

>

> Hello

> I do not know this option

> What is it exactly?

> A hyperlink?

> 73

> F6DDV

> ----- Original Message -----

> From: k6mgo@...

> To: pfr3_group@yahoogroups.com

> Sent: Monday, September 03, 2012 11:13 PM

> Subject: [pfr3_group] CW Tuning Indicator

>

>

>

> Has anyone installed the K6XX CW tuning indicator,on the PFR3, and if so, how does it work with the 50Hz tuning steps?

>

> Any hints, suggestions or comments please.

>

> 73, Bill, k6mgo

>

3825. Re: [pfr3_group] Re: CW Tuning Indicator

Yahoo group: pfr3_group
Date: 2012-09-04 10:07:15 UTC
From: f6ddv
Topic: 3820 Message: 3825

thank you
I have not seen a schematic, I do not know from what principle this arrangement works, it is not done for pfr3, but it may be based on the score BF or RF signal strength?
73
F6DDV
----- Original Message -----
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Tuesday, September 04, 2012 12:28 AM
Subject: RE: [pfr3_group] Re: CW Tuning Indicator

It seems to me that that would work rather well...

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Mon, 3 Sep 2012 21:31:01 +0000
Subject: [pfr3_group] Re: CW Tuning Indicator

You can find it on the internet JP, at this URL:

http://www.wb3aal.com/Pages/K6XX/K6XXCWIndicatorKit.htm

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> Hello
> I do not know this option
> What is it exactly?
> A hyperlink?
> 73
> F6DDV
> ----- Original Message -----
> From: k6mgo@...
> To: pfr3_group@yahoogroups.com
> Sent: Monday, September 03, 2012 11:13 PM
> Subject: [pfr3_group] CW Tuning Indicator
>
>
>
> Has anyone installed the K6XX CW tuning indicator,on the PFR3, and if so, how does it work with the 50Hz tuning steps?
>
> Any hints, suggestions or comments please.

>
> 73, Bill, k6mgo
>

3826. Re: [pfr3_group] Re: CW Tuning Indicator

Yahoo group: pfr3_group
Date: 2012-09-04 15:58:14 UTC
From: Steve Smith
Topic: 3820 Message: 3826
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

3827. Re: [pfr3_group] Re: CW Tuning Indicator

Yahoo group: pfr3_group
Date: 2012-09-04 16:31:16 UTC
From: f6ddv
Topic: 3820 Message: 3827

Ah, OK Steve, it is not silly, sometimes we forget the tone or we must get to meet exactly the same as the corresponding HF frequency,
if the filter is large is not easy.
small QRP TRX not setting the tone transceivers as the greatest
Many guys meet far enough frequency, it is a bit annoying for guys like me, not very good at Morse, H. I.
see you soon
paul F6DDV
----- Original Message -----
From: Steve Smith
To: pfr3_group@...m
Sent: Tuesday, September 04, 2012 5:58 PM
Subject: Re: [pfr3_group] Re: CW Tuning Indicator

Jean Paul,

It is a simple tone decoder using an Exar XR2211 PLL I.C.. When the tone frequency is within 20 Hz of the PLL setting, an LED illuminates. I would think that an NE567 I.C. would work just as well.

73.......Steve Smith WB6TNL

3828. Re: CW Tuning Indicator

Yahoo group: pfr3_group
Date: 2012-09-04 16:59:54 UTC
From: k6mgo@verizon.net
Topic: 3820 Message: 3828

Nobody has addressed my question about how it would work, considering it has to be within 20 Hz of the sidetone freq. and the PFR3 tunes in 50 Hz steps. How would this affect the way the tuning indicator is able to work? Let us say that the PFR3 is within 25 Hz of being zero beat with the incoming signal,so the LED shouldn't light as it needs to be within 20 Hz,if you tune up one step, you will now be 75 Hz away from zero beat and LED wont light. If you tune down one step, you will be 75 Hz below zero beat, and the LED shouldn't light, correct?

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> Has anyone installed the K6XX CW tuning indicator,on the PFR3, and if so, how does it work with the 50Hz tuning steps?
>
> Any hints, suggestions or comments please.
>
> 73, Bill, k6mgo
>

3829. RE: [pfr3_group] Re: CW Tuning Indicator

Yahoo group: pfr3_group
Date: 2012-09-04 19:02:50 UTC
From: Dale Putnam
Topic: 3820 Message: 3829

Steve is correct, in that the PFR-3 tunes in 50hz steps... solidly.. no in-between... and... the filter center.. is 20hz wide. The real question.. is how wide is the bandpass of the filter? IF it is a very steep sided filter ... then the PFR-3 may not work with it. However, being that the indicator is working at audio freq... and it is contained in a small pcb... I'd expect the filter notto have extremely sharp sides. The on/off maybe indicate a sharp response, and the bfo in the PFR-3 can be moved real easy to match the filter if it needs to be. Problem solved. right?Match the filter with the bfo.. one time.. put it all together.. RUN.. don't walk.. RUN to the field and make Qs.. Have a great day,
--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Tue, 4 Sep 2012 16:59:54 +0000
Subject: [pfr3_group] Re: CW Tuning Indicator

Nobody has addressed my question about how it would work, considering it has to be within 20 Hz of the sidetone freq. and the PFR3 tunes in 50 Hz steps. How would this affect the way the tuning indicator is able to work? Let us say that the PFR3 is within 25 Hz of being zero beat with the incoming signal,so the LED shouldn't light as it needs to be within 20 Hz,if you tune up one step, you will now be 75 Hz away from zero beat and LED wont light. If you tune down one step, you will be 75 Hz below zero beat, and the LED shouldn't light, correct?

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:

>

> Has anyone installed the K6XX CW tuning indicator,on the PFR3, and if so, how does it work with the 50Hz tuning steps?

>

> Any hints, suggestions or comments please.

>

> 73, Bill, k6mgo

>

3830. Re: [pfr3_group] Re: CW Tuning Indicator

Yahoo group: pfr3_group
Date: 2012-09-05 07:53:00 UTC
From: f6ddv
Topic: 3820 Message: 3830

Hello to all
Ham radio operators do not all have the same ear
For me it is about 650 Hz is best to listen
Then it is necessary that this frequency corresponds to the center of the filter PFR3 ...
This requires a little care to make everything OK
73s
F6DDV
From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Tuesday, September 04, 2012 9:02 PM
Subject: RE: [pfr3_group] Re: CW Tuning Indicator

Steve is correct, in that the PFR-3 tunes in 50hz steps... solidly.. no in-between... and... the filter center.. is 20hz wide. The real question.. is how wide is the bandpass of the filter?
IF it is a very steep sided filter ... then the PFR-3 may not work with it. However, being that the indicator is working at audio freq... and it is contained in a small pcb... I'd expect the filter not
to have extremely sharp sides. The on/off maybe indicate a sharp response, and the bfo in the PFR-3 can be moved real easy to match the filter if it needs to be.
Problem solved. right?
Match the filter with the bfo.. one time.. put it all together.. RUN.. don't walk.. RUN to the field and make Qs..

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Tue, 4 Sep 2012 16:59:54 +0000
Subject: [pfr3_group] Re: CW Tuning Indicator

Nobody has addressed my question about how it would work, considering it has to be within 20 Hz of the sidetone freq. and the PFR3 tunes in 50 Hz steps. How would this affect the way the tuning indicator is able to work? Let us say that the PFR3 is within 25 Hz of being zero beat with the incoming signal,so the LED shouldn't light as it needs to be within 20 Hz,if you tune up one step, you will now be 75 Hz away from zero beat and LED wont light. If you tune down one step, you will be 75 Hz below zero beat, and the LED shouldn't light, correct?

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>

> Has anyone installed the K6XX CW tuning indicator,on the PFR3, and if so, how does it work with the 50Hz tuning steps?
>
> Any hints, suggestions or comments please.
>
> 73, Bill, k6mgo

3831. Re: [pfr3_group] Re: CW Tuning Indicator - side tone comment

Yahoo group: pfr3_group
Date: 2012-09-05 19:35:56 UTC
From: lahagar1@aol.com
Topic: 3820 Message: 3831

I think what probably confuses the ear for some operators using the PFR-3A is that it does not have a pure sinusoidal wave (single note) side-tone. Instead, it has a complex tone consisting of at least four partials. If you look at it on a frequency analyzer, you will see only the odd partials of a computer generated square waveform. On mine it is essentially comprised of the following frequencies, give or take a Hertz, with a 590 Hertz fundamental and several harmonic odd partials:

590*1=590 Hz
590*3=1770 Hz
590*5=2950 Hz
590*7=4130 Hz

The second of those, 1770 Hz, has the highest amplitude. That probably confuses my ear the most. I prefer a single note sine wave side tone (T1300 or an IC 703 for example) so that the side tone audio frequency is the same as the received audio frequency. (On the 703, that allows "zero-beating" the received station.) In any case, I agree with F6DDV, the PFR-3A (specs claim a receiver selectivity of 300 Hz) so it is impossible to be very far from the right frequency if you hear the other station in the middle of the pass band and likely you will be either spot-on the correct frequency or maybe within a 50Hz tuning step of it.

Lynn
www.YouTube.com/NG9D

-----Original Message-----
From: f6ddv <f6ddv@wanadoo.fr>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Sep 5, 2012 2:52 am
Subject: Re: [pfr3_group] Re: CW Tuning Indicator

Hello to all
Ham radio operators do not all have the same ear
For me it is about 650 Hz is best to listen
Then it is necessary that this frequency corresponds to the center of the filter PFR3 ...
This requires a little care to make everything OK
73s
F6DDV

From: Dale Putnam
To: pfr3_group@yahoogroups.com
Sent: Tuesday, September 04, 2012 9:02 PM
Subject: RE: [pfr3_group] Re: CW Tuning Indicator

Steve is correct, in that the PFR-3 tunes in 50hz steps... solidly.. no in-between... and... the filter center.. is 20hz wide. The real question.. is how wide is the bandpass of the filter?
IF it is a very steep sided filter ... then the PFR-3 may not work with it. However, being

that the indicator is working at audio freq... and it is contained in a small pcb... I'd expect the filter not
to have extremely sharp sides. The on/off maybe indicate a sharp response, and the bfo in the PFR-3 can be moved real easy to match the filter if it needs to be.
Problem solved. right?
Match the filter with the bfo.. one time.. put it all together.. RUN.. don't walk.. RUN to the field and make Qs..

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Tue, 4 Sep 2012 16:59:54 +0000
Subject: [pfr3_group] Re: CW Tuning Indicator

Nobody has addressed my question about how it would work, considering it has to be within 20 Hz of the sidetone freq. and the PFR3 tunes in 50 Hz steps. How would this affect the way the tuning indicator is able to work? Let us say that the PFR3 is within 25 Hz of being zero beat with the incoming signal,so the LED shouldn't light as it needs to be within 20 Hz,if you tune up one step, you will now be 75 Hz away from zero beat and LED wont light. If you tune down one step, you will be 75 Hz below zero beat, and the LED shouldn't light, correct?

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> Has anyone installed the K6XX CW tuning indicator,on the PFR3, and if so, how does it work with the 50Hz tuning steps?
>
> Any hints, suggestions or comments please.
>
> 73, Bill, k6mgo

3832. DC 12V 1800mah Rechargeable Li-ion Lithium Battery

Yahoo group: pfr3_group
Date: 2012-09-06 14:47:29 UTC
From: Manuel
Topic: 3832 Message: 3832

Hi PFR3 Friends,

Anyone as experience with those batteries Mini DC 12V 1800mah Rechargeable Li-ion Lithium Battery

Thanking in advance for reading and possible comment

73s frm Marq ..ct1bww

3833. Re: [pfr3_group] DC 12V 1800mah Rechargeable Li-ion Lithium Battery

Yahoo group: pfr3_group
Date: 2012-09-06 16:21:10 UTC
From: f6ddv
Topic: 3832 Message: 3833

good evening Marq
Yes, very good performance, (3 x 3.6 V elements) not to + 12 V 12 V regulator if you forget to charge the load.
Or have a special charger Li-Ion battery that will work correctly
It is possible to temporarily 2 sets in parallel, because the voltage drops quickly to 11 volts, but it is sufficient that lasts many hours
with 5 W CW and it is very light, be careful , not to shock , no crash , no overload !

73
F6DDV
----- Original Message -----
From: Manuel
To: pfr3_group@yahoogroups.com
Sent: Thursday, September 06, 2012 4:47 PM
Subject: [pfr3_group] DC 12V 1800mah Rechargeable Li-ion Lithium Battery

Hi PFR3 Friends,

Anyone as experience with those batteries Mini DC 12V 1800mah Rechargeable Li-ion Lithium Battery

Thanking in advance for reading and possible comment

73s frm Marq ..ct1bww

3834. Load and tune knobs

Yahoo group: pfr3_group
Date: 2012-09-07 09:56:12 UTC
From: sq1res
Topic: 3834 Message: 3834

Hi All,
My name is Jarek - SQ1RES. I'd like to say hello as I have just joined the group.I learn CW (few month) and I love to build homebrew radios so I've ordered PFR-3A kit few days ago. I wonder how long time I'll have to wait to get it. Anyway in the meantime, I'd like to create (modify a little) my own decals for PFR-3A. So I have one question: what is the max diameter of the LOAD and TUNE knob of antenna tuner ? I mean the bottom part of it.

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

3835. Re: [pfr3_group] Load and tune knobs

Yahoo group: pfr3_group
Date: 2012-09-07 11:30:45 UTC
From: Bill Worley
Topic: 3834 Message: 3835

Hi Jarek,

Welcome to the group.

The knobs on the kit that I built measure .61" (15.5mm).

Good luck with the kit. Fun to put together. Fun to use.

73, Bill - W4CUX

On 9/7/2012 5:56 AM, sq1res wrote:
>
> Hi All,
> My name is Jarek - SQ1RES. I'd like to say hello as I have just joined
> the group.I learn CW (few month) and I love to build homebrew radios
> so I've ordered PFR-3A kit few days ago. I wonder how long time I'll
> have to wait to get it. Anyway in the meantime, I'd like to create
> (modify a little) my own decals for PFR-3A. So I have one question:
> what is the max diameter of the LOAD and TUNE knob of antenna tuner ?
> I mean the bottom part of it.
>
> Vy73 Jarek SQ1RES
> ============================
> http://www.qrz.com/db/sq1res
>
>

3836. Re: Load and tune knobs

Yahoo group: pfr3_group
Date: 2012-09-07 11:57:25 UTC
From: sq1res
Topic: 3834 Message: 3836

--- In pfr3_group@yahoogroups.com, Bill Worley <w4cux@...> wrote:
> Fun to put together. Fun to use.

I'm sure it'll be so :)
Thank you Bill.

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

3837. Re: DC 12V 1800mah Rechargeable Li-ion Lithium Battery

Yahoo group: pfr3_group
Date: 2012-09-07 12:53:25 UTC
From: Manuel
Topic: 3832 Message: 3837

Hello Jean Paul!

Bien Merci pour havez repondu! OK for your answer ! yes I know that you are using those batteries ...i've see your previous post.
I've 8 BatteriesAA Lithium inside...
What i need is a external baterie , i don't if is good idea to use a Lead Batterie like 7AH that i use for my HB1A. AS you know HB1A or even HB1H can work under 13 Volts with any protection.
Well my Lead Batterie with Solar panel I've 12,55 (12,60) Volts .
I prefer to use only 11V or 12Volts for PFR3 .
By the way i also purchase a Heestsink brass for BS170 Transistores.

73s and thanks
Merci et aurevoir
Mes amitiés
Marq ct1bww
--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> good evening Marq
> Yes, very good performance, (3 x 3.6 V elements) not to + 12 V 12 V regulator if you forget to charge the load.
> Or have a special charger Li-Ion battery that will work correctly
> It is possible to temporarily 2 sets in parallel, because the voltage drops quickly to 11 volts, but it is sufficient that lasts many hours
> with 5 W CW and it is very light, be careful , not to shock , no crash , no overload !
>
> 73
> F6DDV
> ----- Original Message -----
> From: Manuel
> To: pfr3_group@yahoogroups.com
> Sent: Thursday, September 06, 2012 4:47 PM
> Subject: [pfr3_group] DC 12V 1800mah Rechargeable Li-ion Lithium Battery
>
>
>
> Hi PFR3 Friends,
>
> Anyone as experience with those batteries Mini DC 12V 1800mah Rechargeable Li-ion Lithium Battery
>
> Thanking in advance for reading and possible comment
>
> 73s frm Marq ..ct1bww
>

3838. Re: [pfr3_group] Re: DC 12V 1800mah Rechargeable Li-ion Lithium Battery

Yahoo group: pfr3_group
Date: 2012-09-07 13:11:30 UTC
From: f6ddv
Topic: 3832 Message: 3838

OK Marq
For PFR3 you can also use 4 Li-Ion 3.3V type that exists , is fine 12 V only ... no problem for the three bands HB1a I asked the seller to China, it accepts 4 LiPo cells! 15 16 V,
I was amazed at the response ...
Tested, no problem ...
73s
F6DDV
----- Original Message -----
From: Manuel
To: pfr3_group@yahoogroups.com
Sent: Friday, September 07, 2012 2:53 PM
Subject: [pfr3_group] Re: DC 12V 1800mah Rechargeable Li-ion Lithium Battery

Hello Jean Paul!

Bien Merci pour havez repondu! OK for your answer ! yes I know that you are using those batteries ...i've see your previous post.
I've 8 BatteriesAA Lithium inside...
What i need is a external baterie , i don't if is good idea to use a Lead Batterie like 7AH that i use for my HB1A. AS you know HB1A or even HB1H can work under 13 Volts with any protection.
Well my Lead Batterie with Solar panel I've 12,55 (12,60) Volts .
I prefer to use only 11V or 12Volts for PFR3 .
By the way i also purchase a Heestsink brass for BS170 Transistores.

73s and thanks
Merci et aurevoir
Mes amitiés
Marq ct1bww
--- In pfr3_group@yahoogroups.com, "f6ddv" <f6ddv@...> wrote:
>
> good evening Marq
> Yes, very good performance, (3 x 3.6 V elements) not to + 12 V 12 V regulator if you forget to charge the load.
> Or have a special charger Li-Ion battery that will work correctly
> It is possible to temporarily 2 sets in parallel, because the voltage drops quickly to 11 volts, but it is sufficient that lasts many hours
> with 5 W CW and it is very light, be careful , not to shock , no crash , no overload !
>
> 73
> F6DDV
> ----- Original Message -----
> From: Manuel
> To: pfr3_group@yahoogroups.com

> Sent: Thursday, September 06, 2012 4:47 PM
> Subject: [pfr3_group] DC 12V 1800mah Rechargeable Li-ion Lithium Battery
>
>
>
> Hi PFR3 Friends,
>
> Anyone as experience with those batteries Mini DC 12V 1800mah Rechargeable Li-ion Lithium Battery
>
> Thanking in advance for reading and possible comment
>
> 73s frm Marq ..ct1bww
>

3839. K7HV QRV Backpack portable Fri-Monday with

Yahoo group: pfr3_group
Date: 2012-09-14 00:16:43 UTC
From: orangelite
Topic: 3839 Message: 3839

Hi

I am leaving tonight for Washington's Olympic Peninsula coast. Tomorrow I will hike about 5 mi north of La Push and be set up with a campsite running my PFR3 to an inverted vee dipole and end fed wire. I should be set up by 2300Z. I will be doing the Washington Salmon Run, and will be QRV on mostly 20 around 14.060 as well as 30/40 meters. I will be there until Monday or Tues, depending on the WX. It would be fun to have some 2X QRP QSOs with other Yellow Units!

72 de John, K7HV/

3840. Looking for Assembled Yellow Box for a friend!

Yahoo group: pfr3_group
Date: 2012-09-14 13:00:04 UTC
From: Manuel
Topic: 3840 Message: 3840

Dear Friends

After to see my PFR3 working, a friend of fime is Looking for Assembled Yellow Box he didn't have eyes and knowledge to assume as a KIT .
If anyone are interesting to sale , please drop me a e-mail with value and shipping cost and i will forward to my neighbor.

Thanks for reading
MMarques CT1BWW

3841. Re: Looking for Assembled Yellow Box for a friend!

Yahoo group: pfr3_group
Date: 2012-09-14 13:16:28 UTC
From: Mac
Topic: 3840 Message: 3841

Manuel,

I just saw a PFR-3B for sale on eHam for $250. (INDEX LABS QRP Plus/Hendricks PFR-3B).

Good luck,

Mac / K6OVI

--- In pfr3_group@yahoogroups.com, "Manuel" <ct1bww@...> wrote:
>
> Dear Friends
>
> After to see my PFR3 working, a friend of fime is Looking for Assembled Yellow Box he didn't have eyes and knowledge to assume as a KIT .
> If anyone are interesting to sale , please drop me a e-mail with value and shipping cost and i will forward to my neighbor.
>
> Thanks for reading
> MMarques CT1BWW
>

3842. Re: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

Yahoo group: pfr3_group
Date: 2012-09-14 13:41:57 UTC
From: Bob AF2Q
Topic: 3840 Message: 3842

What is the difference between pfr3 a and now a B version? Bob AF2Q
Sent from my A-380 Airbus

-----Original Message-----
From: "Mac" <mac.haszard@yahoo.com>
Sender: pfr3_group@yahoogroups.com
Date: Fri, 14 Sep 2012 13:16:28
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

Manuel,

I just saw a PFR-3B for sale on eHam for $250. (INDEX LABS QRP Plus/Hendricks PFR-3B).

Good luck,

Mac / K6OVI

--- In pfr3_group@yahoogroups.com, "Manuel" <ct1bww@...> wrote:
>
> Dear Friends
>
> After to see my PFR3 working, a friend of fime is Looking for Assembled Yellow Box he didn't have eyes and knowledge to assume as a KIT .
> If anyone are interesting to sale , please drop me a e-mail with value and shipping cost and i will forward to my neighbor.
>
> Thanks for reading
> MMarques CT1BWW
>

3843. Re: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

Yahoo group: pfr3_group
Date: 2012-09-14 15:36:52 UTC
From: beargyrils@aol.com
Topic: 3840 Message: 3843

What is the difference between the pfr3,pfr3A and pfr3B?
I see so far no one responded and I did get a note from a list member
He sows not know and thought perhaps some one mailed me direct and told me.
No problem.
You people are just so full of hate

BOB AF2Q Wilderness Elite Survival Training Search & Rescue Severe
Weather-Swift Water Pet Rescue _www.angelfire.com/nj4/rescue/_
(http://www.angelfire.com/nj4/rescue/)
You can tell who is a true Survivalist.
He carries much less because he knows much more.

3844. Re: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

Yahoo group: pfr3_group
Date: 2012-09-14 16:17:06 UTC
From: Steven Weber
Topic: 3840 Message: 3844

Currently, there is no version "B" (though that might change in a couple of months..)

Someone made a typo or is talking about something else.
Steve KD1JV

What is the difference between the pfr3,pfr3A and pfr3B?

3845. Re: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

Yahoo group: pfr3_group
Date: 2012-09-14 16:30:48 UTC
From: beargyrils@aol.com
Topic: 3840 Message: 3845

Thanks Steve,
I have the one Dale sold me and it's been sold and sold back twice:-)
I love the rig.
Built in tuner,batteries and a budd vertical on the table in my secret spot
and I operate half a day with the high energizer batteries.
I also like the idea of a final for each band and mine puts out over 6
watts from a SLA fresh off the charger showing 12.54 volts
Thanks for responding

BOB AF2Q Wilderness Elite Survival Training Search & Rescue Severe
Weather-Swift Water Pet Rescue _www.angelfire.com/nj4/rescue/_
(http://www.angelfire.com/nj4/rescue/)
You can tell who is a true Survivalist.
He carries much less because he knows much more.

In a message dated 9/14/2012 9:24:23 A.M. Pacific Daylight Time,
steve.kd1jv@... writes:

Currently, there is no version "B" (though that might change in a couple
of months..)

Someone made a typo or is talking about something else.
Steve KD1JV

3846. Re: Looking for Assembled Yellow Box for a friend!

Yahoo group: pfr3_group
Date: 2012-09-14 16:46:55 UTC
From: sq1res
Topic: 3840 Message: 3846

Steven, what new in PFR-3B, could you tell us more ?

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> Currently, there is no version "B" (though that might change in a couple of months..)

3847. Re: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

Yahoo group: pfr3_group
Date: 2012-09-14 17:40:30 UTC
From: Mike Malone
Topic: 3840 Message: 3847

Actually... no hate Bob, the email I sent you direct was returned.
Mike KD5KXF

On Fri, Sep 14, 2012 at 10:36 AM, <beargyrils@...> wrote:

> **
>
>
> **
> What is the difference between the pfr3,pfr3A and pfr3B?
> I see so far no one responded and I did get a note from a list member
> He sows not know and thought perhaps some one mailed me direct and told me.
> No problem.
> You people are just so full of hate
>
> BOB AF2Q Wilderness Elite Survival Training Search & Rescue Severe
> Weather-Swift Water Pet Rescue www.angelfire.com/nj4/rescue/
> You can tell who is a true Survivalist.
> He carries much less because he knows much more.
>
>
>

3848. Re: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

Yahoo group: pfr3_group
Date: 2012-09-14 22:16:08 UTC
From: Steven Weber
Topic: 3840 Message: 3848

> Steven, what new in PFR-3B, could you tell us more ?
>
> Vy73 Jarek SQ1RES

Well I suppose, since I kinda let the cat out of th bag as it were.

1. The most significant change (by popular demand) is using a rotory encoder for tuning.

2. Elimination of the Rx input tuning cap and input transformer. This is replaced by RFC's and trimmer caps and adds a third switch to the bands selection. This eliminates winding two toroids, one of which gave a lot of builders fits to get right.

3. The over all size will be slightly reduced, maybe by 10%

4. The controls with knobs will now come out the side of the box instead of the top. (Tuning, volume, BLT tuner) This helps reduce the size of the board and box and should make it somewhat easier to operate. The down side is there may only be room for six "AA" batteries internal (9V), but this typically gives 2.5 watts out.

Steve KD1JV

3849. RE: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

Yahoo group: pfr3_group
Date: 2012-09-14 23:12:59 UTC
From: Jerry Haigwood
Topic: 3840 Message: 3849

Steve,

I am not sure I would call these "improvements." Let's see here, lower power and knobs will come out the sides where you can't see them when your operating on the ground. A tuning knob is an improvement if it is Optical. If it is mechanical, forget it. I am not sure your front end selectivity will be as good when using low Q molded chokes. I think I'd rather have the "old" PFR-3.

Jerry W5JH

"building something without experimenting is just solder practice"

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steven Weber
Sent: Friday, September 14, 2012 5:16 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

> Steven, what new in PFR-3B, could you tell us more ?
>
> Vy73 Jarek SQ1RES

Well I suppose, since I kinda let the cat out of th bag as it were.

1. The most significant change (by popular demand) is using a rotory encoder

for tuning.

2. Elimination of the Rx input tuning cap and input transformer. This is replaced by RFC's and trimmer caps and adds a third switch to the bands selection. This eliminates winding two toroids, one of which gave a lot of builders fits to get right.

3. The over all size will be slightly reduced, maybe by 10%

4. The controls with knobs will now come out the side of the box instead of the top. (Tuning, volume, BLT tuner) This helps reduce the size of the board

and box and should make it somewhat easier to operate. The down side is there may only be room for six "AA" batteries internal (9V), but this typically gives 2.5 watts out.

Steve KD1JV

3850. Re: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

Yahoo group: pfr3_group
Date: 2012-09-14 22:30:06 UTC
From: Neil Armstrong
Topic: 3840 Message: 3850

----- Original Message -----
From: Steven Weber
To: pfr3_group@yahoogroups.com
Sent: Friday, September 14, 2012 6:16 PM
Subject: Re: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

Steve--

Will there be a "mod-kit" to add these features?
Thanks,
Neil KJ4CIA

> Steven, what new in PFR-3B, could you tell us more ?
>
> Vy73 Jarek SQ1RES

Well I suppose, since I kinda let the cat out of th bag as it were.

1. The most significant change (by popular demand) is using a rotory encoder for tuning.

2. Elimination of the Rx input tuning cap and input transformer. This is replaced by RFC's and trimmer caps and adds a third switch to the bands selection. This eliminates winding two toroids, one of which gave a lot of builders fits to get right.

3. The over all size will be slightly reduced, maybe by 10%

4. The controls with knobs will now come out the side of the box instead of the top. (Tuning, volume, BLT tuner) This helps reduce the size of the board and box and should make it somewhat easier to operate. The down side is there may only be room for six "AA" batteries internal (9V), but this typically gives 2.5 watts out.

Steve KD1JV

3851. Re: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

Yahoo group: pfr3_group
Date: 2012-09-15 02:45:26 UTC
From: beargyrils@aol.com
Topic: 3840 Message: 3851

Jerry,
I agree with you 100%.
Everything that should be on the back is there and jacks for phone and keyer are on the front.
A few weeks ago (I THINK) I may have heard that bacon from Russia sending the letter M on the IC 7000.
So I hooked up both the prf3 and the HB1A rigs and the heard that M just above the noise floor.
If there were improvements that made the RX better I think it would only show on Lab grade gear.
I have the pfr3 on now with the buds in my ears as I type this and I have 31 feet of wire out the window.
Can't get no better then this.
Steve,Keep the pfr3 as is

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You can tell who is a true Survivalist.
He carries much less because he knows much more.

In a message dated 9/14/2012 4:13:37 P.M. Pacific Daylight Time, jerry@... writes:

Steve,
I am not sure I would call these “improvements.” Let’s see here, lower power and knobs will come out the sides where you can’t see them when your operating on the ground. A tuning knob is an improvement if it is Optical. If it is mechanical, forget it. I am not sure your front end selectivity will be as good when using low Q molded chokes. I think I’d rather have the “old” PFR-3.
Jerry W5JH
"building something without experimenting is just solder practice"
From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Steven Weber
Sent: Friday, September 14, 2012 5:16 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

> Steven, what new in PFR-3B, could you tell us more ?
>
> Vy73 Jarek SQ1RES

Well I suppose, since I kinda let the cat out of th bag as it were.

1. The most significant change (by popular demand) is using a ro tory encoder
for tuning.

2. Elimination of the Rx input tuning cap and input transformer. This is replaced by RFC's and trimmer caps and adds a third switch to the bands selection. This eliminates winding two toroids, one of which gave a lot of builders fits to get right.

3. The over all size will be slightly reduced, maybe by 10%

4. The controls with knobs will now come out the side of the box instead of
the top. (Tuning, volume, BLT tuner) This helps reduce the size of the board
and box and should make it somewhat easier to operate. The down side is there may only be room for six "AA" batteries internal (9V), but this typically gives 2.5 watts out.

Steve KD1JV

3852. Re: [pfr3_group] A or B ?

Yahoo group: pfr3_group
Date: 2012-09-15 08:00:10 UTC
From: f6ddv
Topic: 3852 Message: 3852

Hello Bob and good morning
you talk about hate ... why?
I do not know if I understand correctly,
on the record that I kept after pfr3 built, it is written pfr3 A, but on the printed circuit board I can not remember what is written, I think it was B
but I think I remember that this is the pfr3B, I do not know the difference.
It seems that technical document was not updated, but I could be wrong
73s
paul F6DDV
----- Original Message -----
From: beargyrils@...
To: pfr3_group@yahoogroups.com
Sent: Friday, September 14, 2012 5:36 PM
Subject: Re: [pfr3_group] Re: Looking for Assembled Yellow Box for a friend!

What is the difference between the pfr3,pfr3A and pfr3B?
I see so far no one responded and I did get a note from a list member
He sows not know and thought perhaps some one mailed me direct and told me.
No problem.
You people are just so full of hate

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You can tell who is a true Survivalist.
He carries much less because he knows much more.

3853. Re: [pfr3_group] A or B ?

Yahoo group: pfr3_group
Date: 2012-09-15 08:17:19 UTC
From: beargyrils@aol.com
Topic: 3852 Message: 3853

Hi Jean Paul,
You and Steve are the only ones who will respond to any questions I have.
Well I don't know what the difference between the pfr3 and the Pfr3-A is
but I think Steve did post something about the Pfr3B
OK I found his post here

Currently, there is no version "B" (though that might change in a couple
of months..)

Someone made a typo or is talking about something else.
Steve KD1JV

So there is no B but knowing Steve he just may be brewing something up.
I like my Pfr3 as it is and I get an honest 6+ watts out into a dummy load
and the RX seems like it's 300 Hz so it's super good for CW.
I always wanted that ATS 3 but I think when that came out and kits were
being sold I was taking care of my Mom because she was very sick.
10-to 12 hours a day and at the nursing home I did that each day for close
to 7 weeks before I caved in.
Right after that some ham sold me the HB1B 4 band rig.
The tuning on the Pfr3 some don't like but I'm always near or in the extra
part of the bands so I really don't have to scan much at all.

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Weather-Swift Water Pet Rescue _www.angelfire.com/nj4/rescue/_
(http://www.angelfire.com/nj4/rescue/)
You can tell who is a true Survivalist.
He carries much less because he knows much more.

In a message dated 9/15/2012 12:59:07 A.M. Pacific Daylight Time,
f6ddv@... writes:

Hello Bob and good morning
you talk about hate ... why?
I do not know if I understand correctly,
on the record that I kept after pfr3 built, it is written pfr3 A, but on
the printed circuit board I can not remember what is written, I think it
was B
but I think I remember that this is the pfr3B, I do not know the
difference.
It seems that technical document was not updated, but I could be wrong
73s
paul F6DDV

3854. Re: [pfr3_group] A or B ?

Yahoo group: pfr3_group
Date: 2012-09-15 08:33:59 UTC
From: f6ddv
Topic: 3852 Message: 3854

OK Bob, I understand now
I prefer my pfr3A as it is built, it must evolve in the series, this is normal.
Regarding the ATS, they are wonderful, but very hard to get, I look at the list that talks about ATS, this is very interesting.
I was hoping to find a TTY for the higher bands, and I liked the ATS-3 with modules that connect to each band.
It would be interesting for me, it is a platform with modules for ATS 10m 12m 15m 20m 17m maus it will probably be impossible.
Must obtain printed circuits and understand this and also have components.
73s
paul F6DDV
----- Original Message -----
From: beargyrils@...
To: pfr3_group@yahoogroups.com
Sent: Saturday, September 15, 2012 10:17 AM
Subject: Re: [pfr3_group] A or B ?

Hi Jean Paul,
You and Steve are the only ones who will respond to any questions I have.
Well I don't know what the difference between the pfr3 and the Pfr3-A is but I think Steve did post something about the Pfr3B
OK I found his post here

Currently, there is no version "B" (though that might change in a couple of months..)
Someone made a typo or is talking about something else.
Steve KD1JV

So there is no B but knowing Steve he just may be brewing something up.
I like my Pfr3 as it is and I get an honest 6+ watts out into a dummy load and the RX seems like it's 300 Hz so it's super good for CW.
I always wanted that ATS 3 but I think when that came out and kits were being sold I was taking care of my Mom because she was very sick.
10-to 12 hours a day and at the nursing home I did that each day for close to 7 weeks before I caved in.
Right after that some ham sold me the HB1B 4 band rig.
The tuning on the Pfr3 some don't like but I'm always near or in the extra part of the bands so I really don't have to scan much at all.
BOB AF2Q Wilderness Elite Survival Training Search & Rescue Severe Weather-Swift Water Pet Rescue www.angelfire.com/nj4/rescue/
You can tell who is a true Survivalist.
He carries much less because he knows much more.
In a message dated 9/15/2012 12:59:07 A.M. Pacific Daylight Time, f6ddv@... writes:
Hello Bob and good morning
you talk about hate ... why?
I do not know if I understand correctly,

on the record that I kept after pfr3 built, it is written pfr3 A, but on the printed circuit board I can not remember what is written, I think it was B
but I think I remember that this is the pfr3B, I do not know the difference.
It seems that technical document was not updated, but I could be wrong
73s
paul F6DDV

3855. Re: [pfr3_group] A or B ?

Yahoo group: pfr3_group
Date: 2012-09-15 08:37:48 UTC
From: beargyrils@aol.com
Topic: 3852 Message: 3855

Jean,
OK I jhave the pfr3
WHAT IS THE DIFFERENCE BETWEEN THE PFR3 AND THE PFR3A?
I must have asked this question 9 times in the last three months and people tell me they have the PFR3A but never answer my question.

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You can tell who is a true Survivalist.
He carries much less because he knows much more.

In a message dated 9/15/2012 1:33:08 A.M. Pacific Daylight Time, f6ddv@... writes:

OK Bob, I understand now
I prefer my pfr3A as it is built, it must evolve in the series, this is normal

3856. Re: [pfr3_group] A or B ?

Yahoo group: pfr3_group
Date: 2012-09-15 09:56:21 UTC
From: f6ddv
Topic: 3852 Message: 3856

Hello Bob
and hello to all
it is difficult, I have to write nonsense without realizing sometimes I have used simple words.
in French there are too many words to say a simple thing.
I've never known what was built before pfr3a
I included the following changes for version B, I prefer very few orders around the unit as possible and above, it is easier to protect I think, but I would look with pleasure the new TRX yellow .
I am looking for the series DCxxB boxes or kits down or have not been built, I think it is possible to mount on the higher bands with yellow toroids, I added a very useful RIT and VXO one to change the frequency of the quartz and quartz switch for 4, it can be fun to make modifications to his idea, it is quite simple to do this.
I am interested in this series, he takes one good W and it will easily into a pocket
73
jean-paul F6DDV
----- Original Message -----
From: beargyrils@...
To: pfr3_group@yahoogroups.com
Sent: Saturday, September 15, 2012 10:37 AM
Subject: Re: [pfr3_group] A or B ?

Jean,
OK I jhave the pfr3
WHAT IS THE DIFFERENCE BETWEEN THE PFR3 AND THE PFR3A?
I must have asked this question 9 times in the last three months and people tell me they have the PFR3A but never answer my question.
BOB AF2Q Wilderness Elite Survival Training Search & Rescue Severe Weather-Swift Water Pet Rescue www.angelfire.com/nj4/rescue/
You can tell who is a true Survivalist.
He carries much less because he knows much more.
In a message dated 9/15/2012 1:33:08 A.M. Pacific Daylight Time, f6ddv@... writes:
OK Bob, I understand now
I prefer my pfr3A as it is built, it must evolve in the series, this is normal

3857. Re: [pfr3_group] A or B ?

Yahoo group: pfr3_group
Date: 2012-09-15 15:34:01 UTC
From: Steven Weber
Topic: 3852 Message: 3857

WHAT IS THE DIFFERENCE BETWEEN THE PFR3 AND THE PFR3A

Very little. Mostly it was a change to the board layout to solve some assembly problems, but the "A" version did add an AGC circuit. That is the only electrical difference.

The new PFR-3B under development will differ from the earlier versions mostly in it's mechanical design, which is quite a bit different from the original. Some circuit changes in the wiring of the processor were required to accomidate the change to rotory tuning and an improved audio AGC circuit is used.

Steve KD1JV

3858. Re: [pfr3_group] A or B ?

Yahoo group: pfr3_group
Date: 2012-09-15 17:49:36 UTC
From: Mike Malone
Topic: 3852 Message: 3858

well there ya go... my response to Bob was wrong... I did not know the b
dropped the agc

On Sat, Sep 15, 2012 at 10:34 AM, Steven Weber <steve.kd1jv@gmail.com>wrote:

> **
>
>
> **
>
>
> WHAT IS THE DIFFERENCE BETWEEN THE PFR3 AND THE PFR3A
>
> Very little. Mostly it was a change to the board layout to solve some
> assembly problems, but the "A" version did add an AGC circuit. That is the
> only electrical difference.
>
> The new PFR-3B under development will differ from the earlier versions
> mostly in it's mechanical design, which is quite a bit different from the
> original. Some circuit changes in the wiring of the processor were required
> to accomidate the change to rotory tuning and an improved audio AGC circuit
> is used.
>
> Steve KD1JV
>
>
>

3859. Re: A or B ?

Yahoo group: pfr3_group
Date: 2012-09-15 18:00:38 UTC
From: N1EU
Topic: 3852 Message: 3859

--- In pfr3_group@yahoogroups.com, Mike Malone <kd5kxf@...> wrote:
>
> I did not know the b dropped the agc
>

The "A" and "B" versions both have AGC. The original version did not.

Barry N1EU

3860. Early PFR-3 kit assembly manual?

Yahoo group: pfr3_group
Date: 2012-09-16 13:48:26 UTC
From: Bill K4BX
Topic: 3860 Message: 3860

HI,
I recently received an early PFR-3 unbuilt kit to build. The circuit board says REV A 2/9/08. Will the current assembly manual work for this early kit? Or do I need to find an earlier assembly manual?

73
Bill K4BX

3861. RE: [pfr3_group] Early PFR-3 kit assembly manual?

Yahoo group: pfr3_group
Date: 2012-09-16 14:24:22 UTC
From: Dale Putnam
Topic: 3860 Message: 3861

It would be much better if a Rev A manual would be used. I have one, can you handle a large file directly? I'll email it...

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k4bx@...
Date: Sun, 16 Sep 2012 08:48:26 -0500
Subject: [pfr3_group] Early PFR-3 kit assembly manual?

HI,
I recently received an early
PFR-3 unbuilt kit to build. The circuit board says REV A 2/9/08.
Will the current assembly manual work for this early kit? Or do I
need to find an earlier assembly manual?

73
Bill
K4BX

3862. First test failed, display is dead.

Yahoo group: pfr3_group
Date: 2012-09-18 21:29:53 UTC
From: willik78
Topic: 3862 Message: 3862

Hi, Im willi (lu3wgc), i started to build my pfr-3, i solder all components of first group, U7 is in the rigth position (pin 1 is on the left, like the picture of manual) i have 5V on pin 1, 7 and 20. Everything is OK but display is dead.
Any idea? can be U7? or display?
someone happend this?

Tnx 73.

3863. NEW MEMBER !

Yahoo group: pfr3_group
Date: 2012-09-19 01:31:31 UTC
From: charron Jean
Topic: 3863 Message: 3863

Hello everyone! Glad to be part of your group. thank you!

The first things I am looking for a PFR3 already assembled, if ever you have two and want to sell .. I would be sold.

John

traduction Google

3864. Re: NEW MEMBER !

Yahoo group: pfr3_group
Date: 2012-09-19 08:50:06 UTC
From: charron Jean
Topic: 3863 Message: 3864

I already find .. thank you all

Jean

--- In pfr3_group@yahoogroups.com, "charron Jean" <jeancharron@...> wrote:
>
>
> Hello everyone! Glad to be part of your group. thank you!
>
> The first things I am looking for a PFR3 already assembled, if ever you have two and want to sell .. I would be sold.
>
> John
>
> traduction Google
>

3865. Antenn HOA's They still need 144 signatures

Yahoo group: pfr3_group
Date: 2012-09-19 10:48:10 UTC
From: beargyrils@aol.com
Topic: 3865 Message: 3865

They still need 144 signatures on the FCC petition to request the FCC defend Ham's against antenna restrictions that would hinder many Ham's ability to communicate from their homes.
They still need 144 signatures on the petition to request the FCC defend Ham's against the Cities and Home Owner Associations trying to enact antenna restrictions that would hinder many Ham's ability to communicate from their homes. I have included the link below to a webpage that does all the work for you. Please tell every Ham's you know if they haven't already signed the petition please go to the provided link before time runes out as we still need mores signatures as we haven't met the minimal requirement yet.

http://www.change.org/petitions/the-u-s-senate-void-antenna-restrictions-by-homeowner-s-associations-and-developers#
(http://www.linkedin.com/redirect?url=http://www.change.org/petitions/the-u-s-senate-void-antenna-restrictions-by-homeowner-s-associations-and-developers#&urlhash=QK_s&_t=tracking_anet)

3866. RE: [pfr3_group] Early PFR-3 kit assembly manual?

Yahoo group: pfr3_group
Date: 2012-09-19 13:29:45 UTC
From: Bill K4BX
Topic: 3860 Message: 3866

Dale,
If you can find that Rev A manual could you attach it to an e-mail and send it to me. I'm anxious to get started on my early PFR-3 kit.
72 Bill K4BX
k4bx@... or k4bx@...

It would be much better if a Rev A manual would be used. I have one, can you handle a large file directly? I'll email it...

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k4bx@...
Date: Sun, 16 Sep 2012 08:48:26 -0500
Subject: [pfr3_group] Early PFR-3 kit assembly manual?

HI,
I recently received an early PFR-3 unbuilt kit to build. The circuit board says REV A 2/9/08. Will the current assembly manual work for this early kit? Or do I need to find an earlier assembly manual?

73
Bill K4BX

3867. RE: [pfr3_group] Early PFR-3 kit assembly manual?

Yahoo group: pfr3_group
Date: 2012-09-19 15:04:06 UTC
From: Steve Smith
Topic: 3860 Message: 3867
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

3868. RE: [pfr3_group] Early PFR-3 kit assembly manual?

Yahoo group: pfr3_group
Date: 2012-09-19 15:08:55 UTC
From: Steve Smith
Topic: 3860 Message: 3868

Please excuse previous message to Group. It was supposed to go directly to Bill.

73.......Steve Smith WB6TNL

3869. HI

Yahoo group: pfr3_group
Date: 2012-09-20 20:10:30 UTC
From: David Wilcox
Topic: 3869 Message: 3869

you should definitely give this a look http://www.news15localto.net/work/?finance=97450

3870. Power output

Yahoo group: pfr3_group
Date: 2012-09-23 00:55:49 UTC
From: k6mgo@verizon.net
Topic: 3175 Message: 3870

Can anyone tell me if the windings on the output filter toroid are interactive with one another?

Reason I ask, I had noticed that my 20m power out had slipped to below 4.0 watts,while my 30 and 40 meter power out was still about 4.8 watts, with my 8 AA NiMH batteries.

So I went and did some squeezing of the turns of L8 and got 4.8 watts on 20m but then noticed that 30 and 40 meters only had 3.5 to 3.8 watts out, They dropped a full watt and no amount of squeezing or spreading could bring the power on those two bands back up. I haven't tried to mess with 20m as I was happy to get up to almost 5.0 watts.

So did my bringing 20m power up cause the 30 and 40 meters power out to go down?

Any help appreciated.

73, Bill, k6mgo

3871. RE: [pfr3_group] Power output

Yahoo group: pfr3_group
Date: 2012-09-23 01:05:20 UTC
From: Dale Putnam
Topic: 3175 Message: 3871

Hi Bill, They are interactive, only on that one band... i.e. one pair of toroids interact with each other for that particular band... They do not affect between bands. However, the slightest movement of not tightly wound coils can change the tuning a lot. The 5 watts out.. however is very sensitive to a solid 50 ohm load, on any band. Good luck,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Sun, 23 Sep 2012 00:55:49 +0000
Subject: [pfr3_group] Power output

Can anyone tell me if the windings on the output filter toroid are interactive with one another?

Reason I ask, I had noticed that my 20m power out had slipped to below 4.0 watts,while my 30 and 40 meter power out was still about 4.8 watts, with my 8 AA NiMH batteries.

So I went and did some squeezing of the turns of L8 and got 4.8 watts on 20m but then noticed that 30 and 40 meters only had 3.5 to 3.8 watts out, They dropped a full watt and no amount of squeezing or spreading could bring the power on those two bands back up. I haven't tried to mess with 20m as I was happy to get up to almost 5.0 watts.

So did my bringing 20m power up cause the 30 and 40 meters power out to go down?

Any help appreciated.

73, Bill, k6mgo

3872. DDS - group 1 smoke test

Yahoo group: pfr3_group
Date: 2012-09-23 03:14:47 UTC
From: sq1res
Topic: 3872 Message: 3872

Hi,
I'm at group 1 smoke test and everything is OK, just like in the manual (tune up and down, RIT and so on) except of DDS. I've connected my oscilloscope to R39/C41 point and I have a beautiful 1Vpp sine ... but the freq. is about 3,3MHz (0,3us) (?!)

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

3873. Re: Power output

Yahoo group: pfr3_group
Date: 2012-09-23 15:16:32 UTC
From: k6mgo@verizon.net
Topic: 3175 Message: 3873

Thanks for your reply Dale. Looks to me like you are telling me I need to rewind L8, L10 and L12 much tighter, to get and keep 5 watts (or as near to as possible)output?

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Bill, They are interactive, only on that one band... i.e. one pair of toroids interact with each other for that particular band... They do not affect between bands. However, the slightest movement of not tightly wound coils can change the tuning a lot. The 5 watts out.. however is very sensitive to a solid 50 ohm load, on any band. Good luck,
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: k6mgo@...
> Date: Sun, 23 Sep 2012 00:55:49 +0000
> Subject: [pfr3_group] Power output

3874. RE: [pfr3_group] Re: Power output

Yahoo group: pfr3_group
Date: 2012-09-23 15:20:53 UTC
From: Dale Putnam
Topic: 3175 Message: 3874

Hi Bill, I like the toroids to be snug, so there is no space on the outside surface to the wire. NOT so tight that they can't be adjusted gently.. a little bit.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Sun, 23 Sep 2012 15:16:32 +0000
Subject: [pfr3_group] Re: Power output

Thanks for your reply Dale. Looks to me like you are telling me I need to rewind L8, L10 and L12 much tighter, to get and keep 5 watts (or as near to as possible)output?

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:

>

>

> Hi Bill, They are interactive, only on that one band... i.e. one pair of toroids interact with each other for that particular band... They do not affect between bands. However, the slightest movement of not tightly wound coils can change the tuning a lot. The 5 watts out.. however is very sensitive to a solid 50 ohm load, on any band. Good luck,

>

> --... ...--

> Dale - WC7S in Wy

> To: pfr3_group@yahoogroups.com

> From: k6mgo@...

> Date: Sun, 23 Sep 2012 00:55:49 +0000

> Subject: [pfr3_group] Power output

3876. Re: DDS - group 1 smoke test

Yahoo group: pfr3_group
Date: 2012-09-23 15:34:14 UTC
From: sq1res
Topic: 3872 Message: 3876

I checked resistance between points:
PIN2 (U7) and ground -> 3,2 kom
PIN3 (U7) and ground -> 3,2 kom
PIN28 (U7) and ground -> 3,2 kom

PIN13 (U6) and ground -> 2,2 kom
PIN14 (U6) and ground -> 2,2 kom
PIN15 (u6) and ground -> 2,2 kom

so R42, R44, R46 and R43, R45, R47 seems to be OK (properly connected and no shorts)
but the frequency at DDS is still incorrect - about 3,5MHz :(

I have another question to PFR-3A users:
1. How long it takes to display "40" really ?
Manual says: ".. Then the display should display '40' for another couple of seconds (indicating the band), then 030.0 (this is the frequency)",
but I have:
8888 - less then 1 second
40 - less than 1 second (!!!! - not couple of seconds)
030.0

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

3877. Re: Power output

Yahoo group: pfr3_group
Date: 2012-09-23 15:35:22 UTC
From: k6mgo@verizon.net
Topic: 3175 Message: 3877

Thanks again Dale, Just measured the P.O. with the 8 AA NiMH that haven't been charged in quite a bit of operating time, (I'm trying to see how long they last before needing charge). I am using a Elecraft DL1 as load, and DVM to read rectified D.C. Voltage, and am adding .3 Volt for diode drop then squaring and then dividing by 25 to get P.O.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hi Bill, I like the toroids to be snug, so there is no space on the outside surface to the wire. NOT so tight that they can't be adjusted gently.. a little bit.
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: k6mgo@...
> Date: Sun, 23 Sep 2012 15:16:32 +0000
> Subject: [pfr3_group] Re: Power output
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> Thanks for your reply Dale. Looks to me like you are telling me I need to rewind L8, L10 and L12 much tighter, to get and keep 5 watts (or as near to as possible)output?
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> 73, Bill, k6mgo
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> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
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>
> > Hi Bill, They are interactive, only on that one band... i.e. one pair of toroids interact with each other for that particular band... They do not affect between bands. However, the slightest movement of not tightly wound coils can change the tuning a lot. The 5 watts out.. however is very sensitive to a solid 50 ohm load, on any band. Good luck,
>
> >
>
> > --... ...--
>
> > Dale - WC7S in Wy
>
> > To: pfr3_group@yahoogroups.com
>
> > From: k6mgo@
>
> > Date: Sun, 23 Sep 2012 00:55:49 +0000
>
> > Subject: [pfr3_group] Power output
>

3878. Re: Power output

Yahoo group: pfr3_group
Date: 2012-09-23 15:37:51 UTC
From: k6mgo@verizon.net
Topic: 3175 Message: 3878

Geez, meant to include P.O. 40 m = 3.39 W, 30m =3.44 W, and 20m = 4.26 W.

Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> Thanks again Dale, Just measured the P.O. with the 8 AA NiMH that haven't been charged in quite a bit of operating time, (I'm trying to see how long they last before needing charge). I am using a Elecraft DL1 as load, and DVM to read rectified D.C. Voltage, and am adding .3 Volt for diode drop then squaring and then dividing by 25 to get P.O.
>
> 73, Bill, k6mgo
>
> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
> >
> >
> > Hi Bill, I like the toroids to be snug, so there is no space on the outside surface to the wire. NOT so tight that they can't be adjusted gently.. a little bit.
> >
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> > To: pfr3_group@yahoogroups.com
> > From: k6mgo@
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> > 73, Bill, k6mgo
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> > --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
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> > > --... ...--
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> > > Dale - WC7S in Wy
> >
> > > To: pfr3_group@yahoogroups.com
> >
> > > From: k6mgo@
> >
> > > Date: Sun, 23 Sep 2012 00:55:49 +0000
> >
> > > Subject: [pfr3_group] Power output
> >
>

3879. RE: [pfr3_group] Re: Power output

Yahoo group: pfr3_group
Date: 2012-09-23 15:46:19 UTC
From: Dale Putnam
Topic: 3175 Message: 3879

Hey Bill, Measure the dc.. on L7.... is it? the choke feeding the finals.. when you key... what's the voltage there? any band...

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Sun, 23 Sep 2012 15:37:51 +0000
Subject: [pfr3_group] Re: Power output

Geez, meant to include P.O. 40 m = 3.39 W, 30m =3.44 W, and 20m = 4.26 W.

Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:

>

> Thanks again Dale, Just measured the P.O. with the 8 AA NiMH that haven't been charged in quite a bit of operating time, (I'm trying to see how long they last before needing charge). I am using a Elecraft DL1 as load, and DVM to read rectified D.C. Voltage, and am adding .3 Volt for diode drop then squaring and then dividing by 25 to get P.O.

>

> 73, Bill, k6mgo

>

> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:

> >

> >

> > Hi Bill, I like the toroids to be snug, so there is no space on the outside surface to the wire. NOT so tight that they can't be adjusted gently.. a little bit.

> >

> > --... ...--

> > Dale - WC7S in Wy

> > To: pfr3_group@yahoogroups.com

> > From: k6mgo@

> > Date: Sun, 23 Sep 2012 15:16:32 +0000

> > Subject: [pfr3_group] Re: Power output

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> > Thanks for your reply Dale. Looks to me like you are telling me I need to rewind L8, L10 and L12 much tighter, to get and keep 5 watts (or as near to as possible)output?

> >

> >

> >

> > 73, Bill, k6mgo

> >

> >

> >

> > --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:

> >

> > >

> >

> > >

> >

> > > Hi Bill, They are interactive, only on that one band... i.e. one pair of toroids interact with each other for that particular band... They do not affect between bands. However, the slightest movement of not tightly wound coils can change the tuning a lot. The 5 watts out.. however is very sensitive to a solid 50 ohm load, on any band. Good luck,

> >

> > >

> >

> > > --... ...--

> >

> > > Dale - WC7S in Wy

> >

> > > To: pfr3_group@yahoogroups.com

> >

> > > From: k6mgo@

> >

> > > Date: Sun, 23 Sep 2012 00:55:49 +0000

> >

> > > Subject: [pfr3_group] Power output

> >

>

3880. Re: [pfr3_group] Re: DDS - group 1 smoke test

Yahoo group: pfr3_group
Date: 2012-09-23 16:16:39 UTC
From: Steven Weber
Topic: 3872 Message: 3880

> but the frequency at DDS is still incorrect - about 3,5MHz :(
>
You sure your measuring it correctly? Try to find the signal with another receiver or go into calibration mode and see if you get 10 MHz. Also make sure the reference oscillator is 50 MHz. You would be the first one to ever have this problem that I know of, which is suspicous.

> I have another question to PFR-3A users:
> 1. How long it takes to display "40" really ?
> Manual says: ".. Then the display should display '40' for another
> couple of seconds (indicating the band), then 030.0 (this is the
> frequency)",
> but I have:
> 8888 - less then 1 second
> 40 - less than 1 second (!!!! - not couple of seconds)
> 030.0

It is working correctly. There turned out to be no need to show those start up displays for very long.

Steve KD1JV

3881. Re: Power output

Yahoo group: pfr3_group
Date: 2012-09-23 17:10:09 UTC
From: k6mgo@verizon.net
Topic: 3175 Message: 3881

It's kind of hard to locate L7 without a layout of the bottom of the board, but using page 4 of manual I see L7 should be directly below S5 about 1/2" and key down, I get 8.58VDC on left side of pair of contacts.

Bill, k6mgo

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
>
> Hey Bill, Measure the dc.. on L7.... is it? the choke feeding the finals.. when you key... what's the voltage there? any band...
>
> --... ...--
> Dale - WC7S in Wy
> To: pfr3_group@yahoogroups.com
> From: k6mgo@...
> Date: Sun, 23 Sep 2012 15:37:51 +0000
> Subject: [pfr3_group] Re: Power output
>

3882. Re: DDS - group 1 smoke test

Yahoo group: pfr3_group
Date: 2012-09-23 20:44:56 UTC
From: sq1res
Topic: 3872 Message: 3882

Thank you Steve, I am grateful for your help.

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
> You sure your measuring it correctly?
Unfortunately, yes. I have used oscilloscope, frequency counter and finally my receiver. Results are the same. I spent half a day on testing and the problem is even more strange. I found that the frequency is not always the same, when turn off and turn on the board again. Usually it's 3,3MHz but also 130KHz, 890 kHz or even 200Hz. In other words - random. TUNE UP and TUNE DOWN doesn't change the frequency at all. I re-soldered all solder pads and re-checked them using magnifier. No changes.

> go into calibration mode and see if you get 10 MHz.
[CAL.r] on LED display but frequency in not 10MHz

> Also make sure the reference oscillator is 50 MHz.
It works perfectly - 50.000.030 Hz at 5 pin of U11 and Vcc is 3,5V

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

3883. Re: DDS - group 1 smoke test

Yahoo group: pfr3_group
Date: 2012-09-24 09:28:23 UTC
From: sq1res
Topic: 3872 Message: 3883

If about 3.5MHz, its alway the same F:
3.613.290 Hz
or
3.222.600 Hz

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

3884. Re: DDS - group 1 smoke test

Yahoo group: pfr3_group
Date: 2012-09-24 22:21:28 UTC
From: sq1res
Topic: 3872 Message: 3884

I've found the bug and solved the problem !!
I started to check all the solder pads connections of AD9834. I found that there's NO CONNECTION BETWEEN THE LEG 13 (U6) AND ITS PAD. Previously, I checked the resistance between pin 13 and the ground, but I pressed the leg while doing that and then the leg was in contact with pad in this moment. That's why everthing was OK. This time, I did it very gently and there was no pressure on the legs and ... the cause of the problem was found ! I applied iron for a while and I have 11.945 MHz from DDS !!
Well, you have to check everything, including pre-installed components. By the way, leg number 13 (unlucky :))

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

3885. 1st Smoke Test Checks 4.0

Yahoo group: pfr3_group
Date: 2012-09-27 17:43:00 UTC
From: kc9spw
Topic: 3885 Message: 3885

Hello All,

I'm enjoying all of the posts and wanted to add one of my own.

My first smoke test checked 4.0!

Everything worked just as advertised except for the frequency check. I was not sure how to conduct the frequency check because I haven't built a frequency counter yet. I also wasn't sure how to attach an antenna lead to such a small connection on the chip.

Hmmmm, American ingenuity required. Let me think, let me think...

So, I tuned my Radio Shack Realistic DX-440 to the appropriate frequency and held the board next to it. A nice strong static sound coming from the 440 told me something must be working correctly. So I dialed up and down the band a few kHz on the 440 and the signal weakened. Back on frequency = a strong static sound. I turned the PFR3 off and the static ceased. I figured the board must be making all that static.

Is that a scientific approach or what? Ha Ha!

Having fun!

Scott
KC9SPW

3886. Jackite pole tip mods??

Yahoo group: pfr3_group
Date: 2012-09-29 16:45:47 UTC
From: Bradford
Topic: 3886 Message: 3886

Hello to all in the group.
I purchased a Jackite 31' pole to support an inverted V antenna or end fed wire for portable QRP operation and I am wondering how others have attached the apex of their inverted V's or end feds to the tip of their jackite poles. What mods have you done to your pole tips??
Thank you for any replies you may have.

3887. Re: Jackite pole tip mods??

Yahoo group: pfr3_group
Date: 2012-09-29 22:48:11 UTC
From: k6mgo@verizon.net
Topic: 3886 Message: 3887

I just put a safety pin through the top ferrule of the pole, and then put a small loop at the end of any wire I want to hang from it. Works FB for me.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Bradford" <n1vwd@...> wrote:
>
> Hello to all in the group.
> I purchased a Jackite 31' pole to support an inverted V antenna or end fed wire for portable QRP operation and I am wondering how others have attached the apex of their inverted V's or end feds to the tip of their jackite poles. What mods have you done to your pole tips??
> Thank you for any replies you may have.
>

3888. Re: Jackite pole tip mods??

Yahoo group: pfr3_group
Date: 2012-09-30 17:34:45 UTC
From: k6jf_radio
Topic: 3886 Message: 3888

I use a large paper clip trough the loop at the top of the pole.

Jim K6JF

3889. RE: [pfr3_group] Re: Jackite pole tip mods??

Yahoo group: pfr3_group
Date: 2012-09-30 22:57:27 UTC
From: Paul Feltz
Topic: 3886 Message: 3889

I use a fishing swival on a similar type pole.

72, Paul
WA0VDM

To: pfr3_group@yahoogroups.com
From: jimf53@...
Date: Sun, 30 Sep 2012 17:34:45 +0000
Subject: [pfr3_group] Re: Jackite pole tip mods??

I use a large paper clip trough the loop at the top of the pole.

Jim K6JF

3890. Re: Jackite pole tip mods??

Yahoo group: pfr3_group
Date: 2012-10-01 04:07:48 UTC
From: MikeSr
Topic: 3886 Message: 3890

The fishing type of safety pin looking thingy. clip on one end and eye on the other. You fasten the eye to apex of “V” and when you want to use it,clip it to the eye on tip of Jackite .

MikeSr39 MikeSr AB7OC

3891. I do not have much to write about pfr3 list

Yahoo group: pfr3_group
Date: 2012-10-03 21:13:21 UTC
From: f6ddv
Topic: 3891 Message: 3891

Hello to all
As you may know, I built a pfr3 there are already quite some time, and I sold the little yellow TRX to a friend who is very happy.
I do not have much to write about pfr3 list, but I'll be building something else and you will find me easily on other lists that talk
about the extraordinary achievements of KD1JV and fixtures Hendricks as DCxxB
I have an ATS-3A 4 bands that I bought from a friend, and I will study it carefully editing to try to work on the higher bands if possible,
I think it is possible, but must be printed circuits for bands and I must do it myself, or maybe the guys have it or pictures printed circuits.
Here
regards to all
Jean Paul F6DDV

3892. Slight bug in pfr3

Yahoo group: pfr3_group
Date: 2012-10-05 03:44:57 UTC
From: beargyrils@aol.com
Topic: 3892 Message: 3892

When I first got this rig that was already built,
It did not power up on the internal batteries.
Someone told me that there was some sort of issue but I pulled the batteries out and cleaned things up and all was OK.
The other night I put in new good energizer batteries and I wanted to try my experimental wire antenna.
The rig was on and when I plugged in the key I wanted to set the CW speed up.
I heard a loud snap like a spark.
The rig went dead but all is OK with the external battery but with the external battery when I press in the button the battery light is very dim so that tells me I have a problem.
I checked the switch and that was good.
I didn't want to do any more because I remember 2 members said they had the same problem.
Appreciate any help,suggestions,etc.
Thanks
BOB
AF2Q

3893. PFR is working !

Yahoo group: pfr3_group
Date: 2012-10-05 08:14:29 UTC
From: sq1res
Topic: 3893 Message: 3893

Hi,

My PFR-3A was made and works realy good. Some small modifications:
- low power indicator (it consumes 0,5mA at normal, "high power" state)
- 100om resistor @ headphones output (to decrease LM386 white noise hiss, thanks to John VK7JB -)
- dials for Load and Tune knobs (to easy memorize its position)
- color change (some of you may say, it's a kind of profanity to change the color of the "Yellow Fellow", hi hi)

You can see it in my "Assembly steps by SQ1RES" Photos folder

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

3894. Re: [pfr3_group] PFR is working !

Yahoo group: pfr3_group
Date: 2012-10-05 10:41:17 UTC
From: CT1BWW Portuguese Amateur Radio Station
Topic: 3893 Message: 3894

Hi Jarek!

Congrats .... Now enjoy it and disfrute Radio
It's really a SUPER QRP!
I'm sure that this small litle rig is more sentimental value that your FT1000

73s frm Marq ...ct1bww

> Hi,
>
> My PFR-3A was made and works realy good. Some small modifications:
> - low power indicator (it consumes 0,5mA at normal, "high power" state)
> - 100om resistor @ headphones output (to decrease LM386 white noise hiss,
> thanks to John VK7JB -)
> - dials for Load and Tune knobs (to easy memorize its position)
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> the color of the "Yellow Fellow", hi hi)
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> You can see it in my "Assembly steps by SQ1RES" Photos folder
>
> Vy73 Jarek SQ1RES
> ============================
> http://www.qrz.com/db/sq1res
>
>

73s frm Marq...ct1 "bravo willy willy"
Portuguese Amateur Radio Station
"We are what we comunicate!"
http://www.ct1bww.com
http://www.qsl.net/ct1bww

3895. Re: PFR is working !

Yahoo group: pfr3_group
Date: 2012-10-05 16:31:30 UTC
From: kc4niv
Topic: 3893 Message: 3895

I looked at the photos and say--Congratulations on a beautiful job.

What type did you use? I really don't care for the yellow.

Jerry W4CDO

--- In pfr3_group@yahoogroups.com, "sq1res" <j69@...> wrote:
>
> Hi,
>
> My PFR-3A was made and works realy good. Some small modifications:
> - low power indicator (it consumes 0,5mA at normal, "high power" state)
> - 100om resistor @ headphones output (to decrease LM386 white noise hiss, thanks to John VK7JB -)
> - dials for Load and Tune knobs (to easy memorize its position)
> - color change (some of you may say, it's a kind of profanity to change the color of the "Yellow Fellow", hi hi)
>
> You can see it in my "Assembly steps by SQ1RES" Photos folder
>
> Vy73 Jarek SQ1RES
> ============================
> http://www.qrz.com/db/sq1res
>

3896. Re: PFR is working !

Yahoo group: pfr3_group
Date: 2012-10-05 16:33:14 UTC
From: kc4niv
Topic: 3893 Message: 3896

I meant to ask "What color and type of paint did you use?"

Jerry W4CDO (formerly KC4NIV)

--- In pfr3_group@yahoogroups.com, "kc4niv" <jbmoore41261@...> wrote:
>
> I looked at the photos and say--Congratulations on a beautiful job.
>
> What type did you use? I really don't care for the yellow.
>
> Jerry W4CDO
>
> --- In pfr3_group@yahoogroups.com, "sq1res" <j69@> wrote:
> >
> > Hi,
> >
> > My PFR-3A was made and works realy good. Some small modifications:
> > - low power indicator (it consumes 0,5mA at normal, "high power" state)
> > - 100om resistor @ headphones output (to decrease LM386 white noise hiss, thanks to John VK7JB -)
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> >
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> >
> > Vy73 Jarek SQ1RES
> > ============================
> > http://www.qrz.com/db/sq1res
> >
>

3897. Re: PFR is working !

Yahoo group: pfr3_group
Date: 2012-10-05 18:09:21 UTC
From: sq1res
Topic: 3893 Message: 3897

Thank you Marq and Jerry for your opinion.

The color is silver metallic - spray paint for my car. Now, I have the car and rig in the same color :)
The bottom part is RAL 5003 - Sapphire Blue. It was also in spray.

I like yellow PFR-3A too, but I hate (or afraid) wasps, bees and hornets. To stay in yellow themes, I decided to use volume knob with yellow pointer.

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

3898. Zero Beating

Yahoo group: pfr3_group
Date: 2012-10-05 18:10:58 UTC
From: n5drgdanny
Topic: 3898 Message: 3898

Ok, I know how to tune the rig into anothers signal, but with the 50 Hz increments, how do I really, really know if I am on the same sopt as the station I am trying to work?

Danny
N5DRG

3899. Jarek's PFR3

Yahoo group: pfr3_group
Date: 2012-10-05 18:16:37 UTC
From: LeeM
Topic: 3899 Message: 3899

I am intrigued by the low power board you addded to your kit. can you elaborate on it?
73 de Lee
KM4YY

3900. Re: Jackite pole tip mods??

Yahoo group: pfr3_group
Date: 2012-10-05 18:21:36 UTC
From: n5drgdanny
Topic: 3886 Message: 3900

I also own one of those 31 foot poles, as for my operations I move the apex down a but due to the very thin top section, any excessive wire wieght seems to pull it over further that I would like. So I leave the very top section bare and just pace the wire a wee bit lower for a dipole, on the EFHW its not a real issue so up to the top it goes.
Just my take,
Danny
N5DRG

--- In pfr3_group@yahoogroups.com, "Bradford" <n1vwd@...> wrote:
>
> Hello to all in the group.
> I purchased a Jackite 31' pole to support an inverted V antenna or end fed wire for portable QRP operation and I am wondering how others have attached the apex of their inverted V's or end feds to the tip of their jackite poles. What mods have you done to your pole tips??
> Thank you for any replies you may have.
>

3901. Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-05 20:09:58 UTC
From: beargyrils@aol.com
Topic: 3901 Message: 3901

In a message dated 10/4/2012 11:44:57 P.M. Eastern Daylight Time,
BearGyrils@... writes:

When I first got this rig that was already built,
It did not power up on the internal batteries.
Someone told me that there was some sort of issue but I pulled the
batteries out and cleaned things up and all was OK.
The other night I put in new good energizer batteries and I wanted to try
my experimental wire antenna.
The rig was on and when I plugged in the key I wanted to set the CW speed
up.
I heard a loud snap like a spark.
The rig went dead but all is OK with the external battery but with the
external battery when I press in the button the battery light is very dim so
that tells me I have a problem.
I checked the switch and that was good.
I didn't want to do any more because I remember 2 members said they had
the same problem.
Appreciate any help,suggestions,etc.
Thanks
BOB
AF2Q

3902. Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-05 21:07:18 UTC
From: Steven Weber
Topic: 3901 Message: 3902

Well, if it still works okay with external power, that must mean something went bad with the battery holder. Take a close look at them and you will likely find some mechanical defect.
It did not power up on the internal batteries.
Someone told me that there was some sort of issue but I pulled the batteries out and cleaned things up and all was OK.
The other night I put in new good energizer batteries and I wanted to try my experimental wire antenna.
The rig was on and when I plugged in the key I wanted to set the CW speed up.
I heard a loud snap like a spark.
The rig went dead but all is OK with the external battery but with the external battery when I press in the button the battery light is very dim so that tells me I have a problem.
I checked the switch and that was good.
I didn't want to do any more because I remember 2 members said they had the same problem.
Appreciate any help,suggestions,etc.
Thanks
BOB
AF2Q

3903. Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-05 21:17:19 UTC
From: beargyrils@aol.com
Topic: 3901 Message: 3903

Hi Steve,I have new batteries and I gave all the contacts a light brush with a fine file.The bush button that shows bright also shows dim with a fresh charged SLA battery.
Everything was working fine until I started trying to adjust CW seed then heard that snap i the ear bud but he rig works fine BOB
AF2Q

In a message dated 10/5/2012 5:07:19 P.M. Eastern Daylight Time, steve.kd1jv@... writes:

Well, if it still works okay with external power, that must mean something went bad with the battery holder. Take a close look at them and you will likely find some mechanical defect.

3904. Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-05 22:15:33 UTC
From: Steven Weber
Topic: 3901 Message: 3904

You said something about the display being dim with the batteries. The contacts might be fine, but if the plastic broke and thier not making very good contact, that could be a reason.

Steve
Hi Steve,I have new batteries and I gave all the contacts a light brush with a fine file.The bush button that shows bright also shows dim with a fresh charged SLA battery. Everything was working fine until I started trying to adjust CW seed then heard that snap i the ear bud but he rig works fine BOB
AF2Q

Well, if it still works okay with external power, that must mean something went bad with the battery holder. Take a close look at them and you will likely find some mechanical defect.

3905. Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-05 22:30:09 UTC
From: beargyrils@aol.com
Topic: 3901 Message: 3905

Hi Steve,
The plastic AA battery holder is fine.
The rig has the button that you press and I thing it changes colors when the batteries get low.
But when I hook up a fresh charged SLA battery,select external on the switch,press that button, the LED is still dim.
The rig works fine with external power but nothing with good fresh,new AA batteries.
BOB
AF2Q

In a message dated 10/5/2012 6:15:35 P.M. Eastern Daylight Time, steve.kd1jv@... writes:

You said something about the display being dim with the batteries. The contacts might be fine, but if the plastic broke and thier not making very good contact, that could be a reason.

3906. Re: PFR is working !

Yahoo group: pfr3_group
Date: 2012-10-05 23:23:54 UTC
From: Manuel
Topic: 3893 Message: 3906

Hi Jerry
Yes really a very good work from Jarek!
But even i could go ahead with the idea ... I prefer Original That give more value to the QRP! Green, Grey, Black there are lot and thousands different manufactures ...but Yellow Litle Box ... ONLY ONE THE UNIQUE the PFR3 ! ....
73s from Marq ct1bww

--- In pfr3_group@yahoogroups.com, "kc4niv" <jbmoore41261@...> wrote:
>
> I looked at the photos and say--Congratulations on a beautiful job.
>
> What type did you use? I really don't care for the yellow.
>
> Jerry W4CDO
>
> --- In pfr3_group@yahoogroups.com, "sq1res" <j69@> wrote:
> >
> > Hi,
> >
> > My PFR-3A was made and works realy good. Some small modifications:
> > - low power indicator (it consumes 0,5mA at normal, "high power" state)
> > - 100om resistor @ headphones output (to decrease LM386 white noise hiss, thanks to John VK7JB -)
> > - dials for Load and Tune knobs (to easy memorize its position)
> > - color change (some of you may say, it's a kind of profanity to change the color of the "Yellow Fellow", hi hi)
> >
> > You can see it in my "Assembly steps by SQ1RES" Photos folder
> >
> > Vy73 Jarek SQ1RES
> > ==========
> > http://www.qrz.com/db/sq1res
> >
>

3907. RE: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-06 00:35:43 UTC
From: Dale Putnam
Topic: 3901 Message: 3907

Hi Bob, Sounds as if the ground from the external jack to the board ground may be an issue... or the other side, the hot side isn't making connection. Does the radio operate in "ext" ?

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: beargyrils@...
Date: Fri, 5 Oct 2012 18:30:09 -0400
Subject: Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Hi Steve,
The plastic AA battery holder is fine.
The rig has the button that you press and I thing it changes colors when the batteries get low.
But when I hook up a fresh charged SLA battery,select external on the switch,press that button, the LED is still dim.
The rig works fine with external power but nothing with good fresh,new AA batteries.
BOB
AF2Q

In a message dated 10/5/2012 6:15:35 P.M. Eastern Daylight Time, steve.kd1jv@... writes:
You said something about the display being dim with the batteries. The contacts might be fine, but if the plastic broke and thier not making very good contact, that could be a reason.

3908. Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-06 01:01:14 UTC
From: ckwishmeier@cs.com
Topic: 3901 Message: 3908

Fellow PFR'ers,

I also had problems with the battery holders that came with my PFR-3A. I junked those and replaced them with 4 cell holders from Radio Shack which position 4 cells side by side in each holder rather than end to end. Absolutely no problems since using internal or external power.

This past weekend our local Adventure Radio Group set up on a small island called Island Park in the St. Joseph River where the river passes through Elkhart, Indiana. Using my PFR-3A and my Buddipole set up as a twenty meter dipole I logged 22 contacts in less than 3 hours. I was using the internal batteries which were a bit run down and the measured power out was barely 3 watts. Our island is now official for island contacts IN010R.

I've been able to make an incredible number of contacts with my PFR-3A including over 25 DX stations with much of my operating portable. I even sold my FT-817 because I prefer the little yellow box.

Dale and/or Steve,

One little bug which I and several of the other owners have had: the rig temporarily jumps frequency back to default when tuning with the buttons. It always comes right back but it would be nice if it didn't do this. Is there a fix to cure this?

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Oct 5, 2012 8:35 pm
Subject: RE: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Hi Bob,
Sounds as if the ground from the external jack to the board ground may be an issue... or the other side, the hot side isn't making connection. Does the radio operate in "ext" ?

--... ...--Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: beargyrils@...
Date: Fri, 5 Oct 2012 18:30:09 -0400
Subject: Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Hi Steve,
The plastic AA battery holder is fine.
The rig has the button that you press and I thing it changes colors when the batteries get low.
But when I hook up a fresh charged SLA battery,select external on the switch,press that

button, the LED is still dim.
The rig works fine with external power but nothing with good fresh,new AA batteries.
BOB
AF2Q

In a message dated 10/5/2012 6:15:35 P.M. Eastern Daylight Time, steve.kd1jv@gmail.com writes:
You said something about the display being dim with the batteries. The contacts might be fine, but if the plastic broke and thier not making very good contact, that could be a reason.

3909. RE: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-06 01:10:38 UTC
From: Dale Putnam
Topic: 3901 Message: 3909

Hi Keith, I remember seeing that mentioned before, seems that Steve commented about it too, on this reflector. Would be worth some research. Whomever finds it first, please post.Thanks,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: ckwishmeier@...
Date: Fri, 5 Oct 2012 21:01:14 -0400
Subject: Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Fellow PFR'ers,

I also had problems with the battery holders that came with my PFR-3A. I junked those and replaced them with 4 cell holders from Radio Shack which position 4 cells side by side in each holder rather than end to end. Absolutely no problems since using internal or external power.

This past weekend our local Adventure Radio Group set up on a small island called Island Park in the St. Joseph River where the river passes through Elkhart, Indiana. Using my PFR-3A and my Buddipole set up as a twenty meter dipole I logged 22 contacts in less than 3 hours. I was using the internal batteries which were a bit run down and the measured power out was barely 3 watts. Our island is now official for island contacts IN010R.

I've been able to make an incredible number of contacts with my PFR-3A including over 25 DX stations with much of my operating portable. I even sold my FT-817 because I prefer the little yellow box.

Dale and/or Steve,

One little bug which I and several of the other owners have had: the rig temporarily jumps frequency back to default when tuning with the buttons. It always comes right back but it would be nice if it didn't do this. Is there a fix to cure this?

Keith

WA9S

-----Original Message-----

From: Dale Putnam <daleputnam@...>

To: pfr3_group <pfr3_group@yahoogroups.com>

Sent: Fri, Oct 5, 2012 8:35 pm

Subject: RE: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Hi Bob,

Sounds as if the ground from the external jack to the board ground may be an issue... or the other side, the hot side isn't making connection. Does the radio operate in "ext" ?

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com

From: beargyrils@...m

Date: Fri, 5 Oct 2012 18:30:09 -0400

Subject: Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Hi Steve,

The plastic AA battery holder is fine.

The rig has the button that you press and I thing it changes colors when the batteries get low.

But when I hook up a fresh charged SLA battery,select external on the switch,press that button, the LED is still dim.

The rig works fine with external power but nothing with good fresh,new AA batteries.

BOB

AF2Q

In a message dated 10/5/2012 6:15:35 P.M. Eastern Daylight Time, steve.kd1jv@... writes:

You said something about the display being dim with the batteries. The contacts might be fine, but if the plastic broke and thier not making very good contact, that could be a reason.

3910. Re: Jarek's PFR3

Yahoo group: pfr3_group
Date: 2012-10-06 01:44:32 UTC
From: sq1res
Topic: 3899 Message: 3910

OK Lee, it is very simple. I added the scheme to my photos folder. Of course, LED will light when the battery voltage drops to the limit e.g. 9V (setting by P1) and it is clear, I think, but ... this LED has also the second function.
It lights for a moment when you turn the rig on. If the battery is 12V, LED lights up briefly. If the battery is e.g. 10V, LED lights a little longer. This is because C1 capacitor needs time to be charging. You can try other values of C1. If you don't need this function, do not install C1.

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

--- In pfr3_group@yahoogroups.com, "LeeM" <lmairs@...> wrote:
>
> I am intrigued by the low power board you addded to your kit. can you elaborate on it?
> 73 de Lee
> KM4YY
>

3911. PFR-3A For Sale

Yahoo group: pfr3_group
Date: 2012-10-06 01:50:37 UTC
From: kf6u_gary
Topic: 3911 Message: 3911

After much personal debating, I have decided to sell my PFR-3A. It is a fun little rig with no issues. Some minor wear marks from use, but no dings or scratches.

It has the optional paddles and upgraded binding posts on the rear panel. I added a power jack on the side for charging internal batteries, as well as a test jack so you can measure the battery voltage with a multimeter without opening up the case. A 12 VDC wall wart for charging batteries is included. Batteries are NOT included.

This rig was built by a professional electronic technician with over 40 years experience (that would be me).

I will email photos to anyone interested.

Price: $225, shipping included (U.S. only). Payment by U.S. Postal money order.

Please email me direct: garyjane1@...

72, Gary KF6U

3912. Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-06 02:26:40 UTC
From: Doug Jackson
Topic: 3901 Message: 3912

Bob,

I believe that the problem is either the battery holder or the power switch.

You have replaced the batteries - so they are clearly not the problem.

You say that the battery holder is not the issue - I had dreadful trouble with mine, and ended up soldering the crimped contact between the + side on the output and the solder lug together - Have you confirmed that when measured between ground (The metal case of the DC-in connector) and the + output of the battery holder where the wire enters the circuit board at the point labeled BAT), you can see +12v?

If you see +12V, then the only other possibility is the power switch.

Doug

On Sat, Oct 6, 2012 at 11:10 AM, Dale Putnam <daleputnam@...> wrote:

> **
>
>
> Hi Keith,
> I remember seeing that mentioned before, seems that Steve commented
> about it too, on this reflector.
> Would be worth some research. Whomever finds it first, please post.
> Thanks,
>
>
> --... ...-- Dale - WC7S in Wy
>
> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: ckwishmeier@...
> Date: Fri, 5 Oct 2012 21:01:14 -0400
>
> Subject: Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST
>
>
> Fellow PFR'ers,
>
> I also had problems with the battery holders that came with my PFR-3A. I
> junked those and replaced them with 4 cell holders from Radio Shack which
> position 4 cells side by side in each holder rather than end to end.
> Absolutely no problems since using internal or external power.
>
> This past weekend our local Adventure Radio Group set up on a small

> island called Island Park in the St. Joseph River where the river passes
> through Elkhart, Indiana. Using my PFR-3A and my Buddipole set up as a
> twenty meter dipole I logged 22 contacts in less than 3 hours. I was using
> the internal batteries which were a bit run down and the measured power out
> was barely 3 watts. Our island is now official for island contacts IN010R.
>
> I've been able to make an incredible number of contacts with my PFR-3A
> including over 25 DX stations with much of my operating portable. I even
> sold my FT-817 because I prefer the little yellow box.
>
> Dale and/or Steve,
>
> One little bug which I and several of the other owners have had: the rig
> temporarily jumps frequency back to default when tuning with the buttons.
> It always comes right back but it would be nice if it didn't do this. Is
> there a fix to cure this?
>
> Keith
> WA9S
>
>
> -----Original Message-----
> From: Dale Putnam <daleputnam@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Fri, Oct 5, 2012 8:35 pm
> Subject: RE: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST
>
>
> Hi Bob,
> Sounds as if the ground from the external jack to the board ground may
> be an issue... or the other side, the hot side isn't making connection.
> Does the radio operate in "ext" ?
>
> --... ...-- Dale - WC7S in Wy
>
> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: beargyrils@...
> Date: Fri, 5 Oct 2012 18:30:09 -0400
> Subject: Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST
>
>
>
> Hi Steve,
> The plastic AA battery holder is fine.
> The rig has the button that you press and I thing it changes colors when
> the batteries get low.
> But when I hook up a fresh charged SLA battery,select external on the
> switch,press that button, the LED is still dim.
> The rig works fine with external power but nothing with good fresh,new AA

> batteries.
> BOB
> AF2Q
>
> In a message dated 10/5/2012 6:15:35 P.M. Eastern Daylight Time,
> steve.kd1jv@... writes:
>
> You said something about the display being dim with the batteries. The
> contacts might be fine, but if the plastic broke and thier not making very
> good contact, that could be a reason.
>
>
>
>
>
>

--
Doug Jackson
VK1ZDJ
http://www.dougswordclock.com/ -< My clocks
http://www.vk1zdj.net -< My Amature Radio Activities

3913. Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-06 02:54:56 UTC
From: Steven Weber
Topic: 3901 Message: 3913

It seems his rig has the optional Battery Status Monitor installed and that is the "dim" light he was refering too. Whole different problem, most likely with the way the monitor was wired up or isn't adjusted properly.
Steve.
I believe that the problem is either the battery holder or the power switch.

You have replaced the batteries - so they are clearly not the problem.

3914. Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-06 03:00:42 UTC
From: Steven Weber
Topic: 3901 Message: 3914

One little bug which I and several of the other owners have had: the rig temporarily jumps frequency back to default when tuning with the buttons. It always comes right back but it would be nice if it didn't do this. Is there a fix to cure this?

Try adding a 0.1 ufd by-pass cap to the resistor divider for the control switches. A convenient place to add it is across the "Menu" switch. That seemed to cure one rig which had that problem and was acting up more then usual.

Steve

3915. Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-06 11:29:05 UTC
From: ckwishmeier@cs.com
Topic: 3901 Message: 3915

Thanks Steve,

Keith
WA9S

-----Original Message-----
From: Steven Weber <steve.kd1jv@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Oct 5, 2012 11:00 pm
Subject: Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST

☐
One little bug which I and several of the other owners have had: the rig temporarily jumps frequency back to default when tuning with the buttons. It always comes right back but it would be nice if it didn't do this. Is there a fix to cure this?

Try adding a 0.1 ufd by-pass cap to the resistor divider for the control switches. A convenient place to add it is across the "Menu" switch. That seemed to cure one rig which had that problem and was acting up more then usual.

Steve

3916. Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-10 04:39:32 UTC
From: kf6u_gary
Topic: 3901 Message: 3916

I also noticed this anomaly in my PFR-3A and implemented Steve's suggestion to add the 0.1 uF capacitor as noted. Problem solved! Much appreciated Steve.

Gary KF6U

--- In pfr3_group@yahoogroups.com, ckwishmeier@... wrote:
>
> Thanks Steve,
>
>
> Keith
> WA9S
>
>
>
> -----Original Message-----
> From: Steven Weber <steve.kd1jv@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Fri, Oct 5, 2012 11:00 pm
> Subject: Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST
>
>
>
>
>
> ï»¿
> One little bug which I and several of the other owners have had: the rig temporarily jumps frequency back to default when tuning with the buttons. It always comes right back but it would be nice if it didn't do this. Is there a fix to cure this?
>
> Try adding a 0.1 ufd by-pass cap to the resistor divider for the control switches. A convenient place to add it is across the "Menu" switch. That seemed to cure one rig which had that problem and was acting up more then usual.
>
> Steve
>

3917. Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-10 04:49:03 UTC
From: kf6u_gary
Topic: 3901 Message: 3917

I also noticed this anomaly in my PFR-3A and implemented Steve's suggestion to add the 0.1 uF capacitor as noted. Problem solved! Much appreciated Steve.

Gary KF6U

--- In pfr3_group@yahoogroups.com, ckwishmeier@... wrote:
>
> Thanks Steve,
>
>
> Keith
> WA9S
>
>
>
> -----Original Message-----
> From: Steven Weber <steve.kd1jv@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Fri, Oct 5, 2012 11:00 pm
> Subject: Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST
>
>
>
>
>
> ï»¿
> One little bug which I and several of the other owners have had: the rig temporarily jumps frequency back to default when tuning with the buttons. It always comes right back but it would be nice if it didn't do this. Is there a fix to cure this?
>
> Try adding a 0.1 ufd by-pass cap to the resistor divider for the control switches. A convenient place to add it is across the "Menu" switch. That seemed to cure one rig which had that problem and was acting up more then usual.
>
> Steve
>

3918. Re: Slight bug in pfr3 2ND REQUEST

Yahoo group: pfr3_group
Date: 2012-10-10 04:49:04 UTC
From: kf6u_gary
Topic: 3901 Message: 3918

I also noticed this anomaly in my PFR-3A and implemented Steve's suggestion to add the 0.1 uF capacitor as noted. Problem solved! Much appreciated Steve.

Gary KF6U

--- In pfr3_group@yahoogroups.com, ckwishmeier@... wrote:
>
> Thanks Steve,
>
>
> Keith
> WA9S
>
>
>
> -----Original Message-----
> From: Steven Weber <steve.kd1jv@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Fri, Oct 5, 2012 11:00 pm
> Subject: Re: [pfr3_group] Re: Slight bug in pfr3 2ND REQUEST
>
>
>
>
>
> ï»¿
> One little bug which I and several of the other owners have had: the rig temporarily jumps frequency back to default when tuning with the buttons. It always comes right back but it would be nice if it didn't do this. Is there a fix to cure this?
>
> Try adding a 0.1 ufd by-pass cap to the resistor divider for the control switches. A convenient place to add it is across the "Menu" switch. That seemed to cure one rig which had that problem and was acting up more then usual.
>
> Steve
>

3919. (no subject)

Yahoo group: pfr3_group
Date: 2012-10-16 04:57:49 UTC
From: David Wilcox
Topic: 3919 Message: 3919

http://optiideas.com/catalog/cnbc.news.php?catid=potifolamehyl

3920. Rotary encoder kit

Yahoo group: pfr3_group
Date: 2012-10-19 20:41:41 UTC
From: Bob
Topic: 3920 Message: 3920

Have an extra un-built Rotary Encoder kit for the PFR-3 (and others) available for $30 postpaid in the lower 48. Contact Bob off-list at k9foh@comcast.net

3921. FOXHUNT - Whaaaahoooooo!!!!

Yahoo group: pfr3_group
Date: 2012-10-22 02:55:56 UTC
From: Dale Putnam
Topic: 3921 Message: 3921

The Game Warden says we can start!!!! All we have to do first is line up the Foxii... (applications are being taken on the Webpage - http://www/qrpfoxhunt.com)and set up the teams... Team captains gather your list of members... send that list with your contact email and phone number.. to me. Now all we need to do is get this accomplished soonest. That would be as soonest we can. There are some back room things that need to be done, before we can kick it off.. so.. lets gather our stuff.. and getter done!! And, are you ready? Really ready?And may be Foxii be ever in your favor!!
--... ...--
Dale - WC7S in Wyhttp://www.qrpfoxhunt.org

3922. RE: [pfr3_group] FOXHUNT - Whaaaahoooooo!!!!

Yahoo group: pfr3_group
Date: 2012-10-22 03:14:19 UTC
From: Dale Putnam
Topic: 3921 Message: 3922

Web page applications are to be found at: http://www.qrpfoxhunt.org Team rosters to me, And may be Foxii be ever in YOUR favor!

--... ...--
Dale - WC7S in Wy
To: qfox@yahoogroups.com; at_sprint@yahoogroups.com; pfr3_group@yahoogroups.com; notify-dg-qrp-plus@yahoogroups.com; qrp-l@...
From: daleputnam@...
Date: Sun, 21 Oct 2012 20:55:56 -0600
Subject: [pfr3_group] FOXHUNT - Whaaaahoooooo!!!!

The Game Warden says we can start!!!! All we have to do first is line up the Foxii... (applications are being taken on the Webpage - http://www/qrpfoxhunt.com)
and set up the teams... Team captains gather your list of members... send that list with your contact email and phone number.. to me.

Now all we need to do is get this accomplished soonest. That would be as soonest we can.

There are some back room things that need to be done, before we can kick it off.. so.. lets gather our stuff.. and getter done!!

And, are you ready? Really ready?
And may be Foxii be ever in your favor!!

--... ...--
Dale - WC7S in Wy
http://www.qrpfoxhunt.org

3923. Fox apps

Yahoo group: pfr3_group
Date: 2012-10-22 15:01:47 UTC
From: Dale Putnam
Topic: 3923 Message: 3923

40 Mtr Foxhunt Schedule - Winter 2012 - 2013

Week
Date
Hunt
Call
Name
State
Hunt
Call
Name
State

1
11/06/12
1

2

80 Mtr Foxhunt Schedule - Winter 2012 - 2013

Week
Date
Hunt
Call
Name
State
Hunt
Call
Name
State

1
11/08/12
1

2

Let's see here... the applications are rolling in.. so who gets the first two slots???.... hmmm????
Is your call in the running? It won't be unless you go to http://www.qrpfoxhunt.organd fill an application. Don't forget to put your blackout dates in, if you know them. TEAMS?????
Anyone for teams?? The QRP CHEESEHEADS are in already.. they musta been working on it already. Are you up for a team? Them Cheeseheads are good... will the Pesky Texans just let 'em go?How about the Mutants? Or the AT Sprint Team? Or the TriBander Bunch?

--... ...--
Dale - WC7S in Wyhttp://www.qrpfoxhunt.org

3924. Re: PFR-3A For Sale

Yahoo group: pfr3_group
Date: 2012-10-23 07:08:16 UTC
From: kf6u_gary
Topic: 3911 Message: 3924

The PFR-3A has found a new home. Thanks to all who expressed an interest in it.

--- In pfr3_group@yahoogroups.com, "kf6u_gary" <garyjane1@...> wrote:
>
> After much personal debating, I have decided to sell my PFR-3A. It is a fun little rig with no issues. Some minor wear marks from use, but no dings or scratches.
>
> It has the optional paddles and upgraded binding posts on the rear panel. I added a power jack on the side for charging internal batteries, as well as a test jack so you can measure the battery voltage with a multimeter without opening up the case. A 12 VDC wall wart for charging batteries is included. Batteries are NOT included.
>
> This rig was built by a professional electronic technician with over 40 years experience (that would be me).
>
> I will email photos to anyone interested.
>
> Price: $225, shipping included (U.S. only). Payment by U.S. Postal money order.
>
> Please email me direct: garyjane1@...
>
> 72, Gary KF6U
>

3925. PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-10-26 04:48:06 UTC
From: KI6DS
Topic: 3925 Message: 3925

I have finally found an affordable case supplier who will provide painted silk screened cases for the PFR3A. I started shipping kits with them this week. So all orders for PFR3A's from now on will come with a silkscreened case. No more decals. I know that I will get requests for cases, and I will offer cases shipped for $40 via priority mail to US Addresses and $48 via global priority mail. If you would like a a new silk screened case for your PFR3A, please send me the above amounts via direct paypal to ki6ds@qrpkits.com along with a note stating that you want a PFR3A case. Or if you don't use paypal, you can send me a check or money order in US funds only. Please make checks and money orders out to Doug Hendricks. Thanks, Doug

3926. Re: PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-10-26 08:05:44 UTC
From: Andrew Cowan
Topic: 3925 Message: 3926

Doug,
Will the silkscreen have an indication around the tuner controls?

Thanks

Andrew

3927. RE: [pfr3_group] PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-10-26 12:18:52 UTC
From: Paul Feltz
Topic: 3925 Message: 3927

Doug:
Thanks for doing that. I know that I for one have been one that have hounded you to do that and you have now found a way. Great!

72, Paul

WA0VDM

To: pfr3_group@yahoogroups.com
From: ki6ds@...
Date: Fri, 26 Oct 2012 04:48:06 +0000
Subject: [pfr3_group] PFR3A now shipping with silkscreened cases

I have finally found an affordable case supplier who will provide painted silk screened cases for the PFR3A. I started shipping kits with them this week. So all orders for PFR3A's from now on will come with a silkscreened case. No more decals. I know that I will get requests for cases, and I will offer cases shipped for $40 via priority mail to US Addresses and $48 via global priority mail. If you would like a a new silk screened case for your PFR3A, please send me the above amounts via direct paypal to ki6ds@... along with a note stating that you want a PFR3A case. Or if you don't use paypal, you can send me a check or money order in US funds only. Please make checks and money orders out to Doug Hendricks. Thanks, Doug

3928. Re: PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-10-26 16:56:34 UTC
From: KI6DS
Topic: 3925 Message: 3928

No it does not. I did not know about it when I ordered the cases. Doug

--- In pfr3_group@yahoogroups.com, Andrew Cowan <gm0udlandrew@...> wrote:
>
> Doug,
> Will the silkscreen have an indication around the tuner controls?
>
> Thanks
>
> Andrew
>

3929. Re: [pfr3_group] Re: PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-10-26 17:02:56 UTC
From: Dale Putnam
Topic: 3925 Message: 3929

I thought that was left blank so a fellow could pencil in band sweet spots....m
Have a great day,
Dale - WC7S

-----Original Message-----
From: KI6DS <ki6ds@...>
Date: Fri, 26 Oct 2012 16:56:34
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Re: PFR3A now shipping with silkscreened cases

No it does not. I did not know about it when I ordered the cases. Doug

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , Andrew Cowan
<gm0udlandrew@...> wrote:
>
> Doug,
> Will the silkscreen have an indication around the tuner controls?
>
> Thanks
>
> Andrew
>

3930. Re: [pfr3_group] Re: PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-10-26 17:51:40 UTC
From: Steven Weber
Topic: 3925 Message: 3930

I thought that was left blank so a fellow could pencil in band sweet spots....m

At best, we could put tick marks for the knob pointer, but the exact locations of where something tunes has a lot of variables, mostly how you wind the core. Although it does seem that once you find the positions at which a load matches, other loads will match at close to those same points.

Steve KD1JV

3931. Re: [pfr3_group] Re: PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-10-26 18:52:26 UTC
From: Andrew Cowan
Topic: 3925 Message: 3931

On 26/10/2012 18:51, Steven Weber wrote:
> I thought that was left blank so a fellow could pencil in band sweet
> spots....m
>
> At best, we could put tick marks for the knob pointer, but the exact
> locations of where something tunes has a lot of variables, mostly how you
> wind the core. Although it does seem that once you find the positions at
> which a load matches, other loads will match at close to those same points.
>
> Steve KD1JV
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
On My PFR I just marked some lines and numbered them and put notes on my
log for tuning positions for my doublet.
Very handy when its cold on a sota summit and you want to tune up fast.
I will still order a case though.
Thanks

Andrew GM0UDL

3932. Re: PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-10-26 21:48:20 UTC
From: John Farmer
Topic: 3925 Message: 3932

Great news Doug. This will be a very significant improvement. I love my little yellow box, but I've always thought the non-durable decals detracted from the cosmetics and don't do justice to the great little rig. Thanks for the change. I've already placed my order.

73,
John
VK7JB

--- In pfr3_group@yahoogroups.com, "KI6DS" <ki6ds@...> wrote:
>
> I have finally found an affordable case supplier who will provide painted silk screened cases for the PFR3A. I started shipping kits with them this week. So all orders for PFR3A's from now on will come with a silkscreened case. No more decals. I know that I will get requests for cases, and I will offer cases shipped for $40 via priority mail to US Addresses and $48 via global priority mail. If you would like a a new silk screened case for your PFR3A, please send me the above amounts via direct paypal to ki6ds@... along with a note stating that you want a PFR3A case. Or if you don't use paypal, you can send me a check or money order in US funds only. Please make checks and money orders out to Doug Hendricks. Thanks, Doug
>

3933. Re: [pfr3_group] Re: PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-10-26 23:09:27 UTC
From: Ray Smith
Topic: 3925 Message: 3933

When are new cases avail.? I wish to get one are they Still Yellow? I hope.
73 Ray Smith KG0V

3934. RMR Net - Hurricane reports??

Yahoo group: pfr3_group
Date: 2012-10-30 03:37:22 UTC
From: Dale Putnam
Topic: 3934 Message: 3934

The RMR net will be dedicated to lending any assistance or gathering hurricane reports from anyone. We will be starting a little earlier than normal, so tune by, 14.0625 starting around 1945z or so, This net will be more for sharing information, but if an emergancy comes on freq we will handle it first.Our prayers are with all those in the path of Irene.And with those affected by the 7+ earthquake on the West coast of Canada.Net Control will match your callin or check in speed, but may ask you to QRS for others to be able to hear you, and yes, this is an NAQCC net, but this time, I believe conditions will allow QRO operation. See you tomorrow.

--... ...--
Dale - WC7S in Wy

3935. RE: [AT_Sprint] RMR Net - Hurricane reports??

Yahoo group: pfr3_group
Date: 2012-10-30 03:39:11 UTC
From: Dale Putnam
Topic: 3934 Message: 3935

Make that Sandy .. not Irene...I shouldn't listen to the news and write... when it has been a long day.

--... ...--
Dale - WC7S in Wy
To: at_sprint@yahoogroups.com; elecraft@...; pfr3_group@yahoogroups.com; 4sqrp@...; qrp-l@...
CC: n4plk@...
From: daleputnam@...
Date: Mon, 29 Oct 2012 21:37:22 -0600
Subject: [AT_Sprint] RMR Net - Hurricane reports??

The RMR net will be dedicated to lending any assistance or gathering hurricane reports from anyone.
We will be starting a little earlier than normal, so tune by, 14.0625 starting around 1945z or so,
This net will be more for sharing information, but if an emergancy comes on freq we will handle it first.
Our prayers are with all those in the path of Irene.
And with those affected by the 7+ earthquake on the West coast of Canada.
Net Control will match your callin or check in speed, but may ask you to QRS for others to be able to hear you, and
yes, this is an NAQCC net, but this time, I believe conditions will allow QRO operation.
See you tomorrow.

--... ...--
Dale - WC7S in Wy

3936. Items for sale

Yahoo group: pfr3_group
Date: 2012-10-31 18:27:06 UTC
From: Ren
Topic: 3936 Message: 3936

Hi guys,

I'm selling my Hendricks PFR3-A radio with original PFR3 Paddles. 5+ watts out on all 3 bands(20, 30,and 40). Radio in perfect condition. Built by myself and checked out by Dale Putnam WC7S.

Asking $250.00 priority shipped.

also

Bencher BY-2 Iambic Paddle. Used once also in perfect condition.

Asking $125.00 priority shipped.

Please contact me off-list at:

nmonllor at tampabay dot rr dot com

Thank you,

Ren

KG4BAS

3937. Portable antennas and ground systems.

Yahoo group: pfr3_group
Date: 2012-11-01 18:54:47 UTC
From: k6mgo@verizon.net
Topic: 3937 Message: 3937

Hi guys,

Here is a little bit of info that might come in handy for you. I was running some experiments with the end-fed 6-40 meter vertical that Stan, WB2LQF posted about a while back. I built mine and hang it from a Jackite 31' kite pole. Using it out on my patio, which is not very open and surrounded by two 2 story homes, I was trying to improve it's operation on 40m which is it's weakest band.
I setup a test with my buddy Dale, K6PJV up in Sacramento, CA, about 361 miles away from me. With just the antenna, just the way it's designed by the Hawaiian Radio Club, he heard me at S6 on his K3. I then added a homemade ground system and went to S8, pretty darn good improvement.
This is the ground system. I went to Home Depot, and bought a roll of 3" aluminum tape. (real aluminum, not cloth tape silver in color) in the heater section. I cut 4 five foot strips of the tape, and left the paper backing on it. I then drilled a quarter inch hole in one end of each of the strips, and assembled it with a 1/4" bolt, heavy braid strap or lead and put very large washers top and bottom to spread the strain. I fan the assembly out in the shape of a cross, with the center right under the antenna feed point, connect the ground strap to the braid of the coax at the feed point and that's it. It hardly takes up much room, is light, and cheap. I think the aluminum tape cost about $5-6 dollars for a big roll that has way more than needed for one ground system. It also improves the performance of the antenna on the higher bands too, and would be just as effective on the Buddipole or Super Antenna MP-1, type antennas and any other vertical needing a ground system.

73, Bill, k6mgo

3938. Re: [pfr3_group] Portable antennas and ground systems.

Yahoo group: pfr3_group
Date: 2012-11-01 19:05:45 UTC
From: ckwishmeier@cs.com
Topic: 3937 Message: 3938

Thanks Bill,

I think I'll try that with my Buddipole when set up as a vertical. Presently I use an elevated counterpoise stretched out to the proper length for each of the three bands 20, 30 and 40 as required. The comparison should be interesting.

Keith
WA9S

-----Original Message-----
From: k6mgo <k6mgo@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Nov 1, 2012 2:54 pm
Subject: [pfr3_group] Portable antennas and ground systems.

Hi guys,

Here is a little bit of info that might come in handy for you. I was running some experiments with the end-fed 6-40 meter vertical that Stan, WB2LQF posted about a while back. I built mine and hang it from a Jackite 31' kite pole. Using it out on my patio, which is not very open and surrounded by two 2 story homes, I was trying to improve it's operation on 40m which is it's weakest band.
I setup a test with my buddy Dale, K6PJV up in Sacramento, CA, about 361 miles away from me. With just the antenna, just the way it's designed by the Hawaiian Radio Club, he heard me at S6 on his K3. I then added a homemade ground system and went to S8, pretty darn good improvement.
This is the ground system. I went to Home Depot, and bought a roll of 3" aluminum tape. (real aluminum, not cloth tape silver in color) in the heater section. I cut 4 five foot strips of the tape, and left the paper backing on it. I then drilled a quarter inch hole in one end of each of the strips, and assembled it with a 1/4" bolt, heavy braid strap or lead and put very large washers top and bottom to spread the strain. I fan the assembly out in the shape of a cross, with the center right under the antenna feed point, connect the ground strap to the braid of the coax at the feed point and that's it. It hardly takes up much room, is light, and cheap. I think the aluminum tape cost about $5-6 dollars for a big roll that has way more than needed for one ground system. It also improves the performance of the antenna on the higher bands too, and would be just as effective on the Buddipole or Super Antenna MP-1, type antennas and any other vertical needing a ground syst em.

73, Bill, k6mgo

3939. Re: Portable antennas and ground systems.

Yahoo group: pfr3_group
Date: 2012-11-01 19:44:07 UTC
From: k6mgo@verizon.net
Topic: 3937 Message: 3939

Here is a correction.
My friend now says that my signal didn't go up 2 S units, but the QSB was making it go up and down about 2 S units. He said the signal with the ground was about 1/2 an S unit better with the ground system, which verifies what Reverse Beacon Net showed and that is with the ground system, my signal was consistently 4 dB stronger than without it. Still, 4 dB is a significant improvement for so little money and effort.

Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "k6mgo@..." <k6mgo@...> wrote:
>
> Hi guys,
>
> Here is a little bit of info that might come in handy for you. I was running some experiments with the end-fed 6-40 meter vertical that Stan, WB2LQF posted about a while back. I built mine and hang it from a Jackite 31' kite pole. Using it out on my patio, which is not very open and surrounded by two 2 story homes, I was trying to improve it's operation on 40m which is it's weakest band.
> I setup a test with my buddy Dale, K6PJV up in Sacramento, CA, about 361 miles away from me. With just the antenna, just the way it's designed by the Hawaiian Radio Club, he heard me at S6 on his K3. I then added a homemade ground system and went to S8, pretty darn good improvement.
> This is the ground system. I went to Home Depot, and bought a roll of 3" aluminum tape. (real aluminum, not cloth tape silver in color) in the heater section. I cut 4 five foot strips of the tape, and left the paper backing on it. I then drilled a quarter inch hole in one end of each of the strips, and assembled it with a 1/4" bolt, heavy braid strap or lead and put very large washers top and bottom to spread the strain. I fan the assembly out in the shape of a cross, with the center right under the antenna feed point, connect the ground strap to the braid of the coax at the feed point and that's it. It hardly takes up much room, is light, and cheap. I think the aluminum tape cost about $5-6 dollars for a big roll that has way more than needed for one ground system. It also improves the performance of the antenna on the higher bands too, and would be just as effective on the Buddipole or Super Antenna MP-1, type antennas and any other vertical needing a ground system.
>
> 73, Bill, k6mgo
>

3940. Re: Portable antennas and ground systems.

Yahoo group: pfr3_group
Date: 2012-11-01 19:49:30 UTC
From: k6mgo@verizon.net
Topic: 3937 Message: 3940

That would be a very interesting test Keith, to see if this little ground system works as well or better than the single radial. I also used a single radial with my MP-1 vertical, and will try the foil strips with it to see how well it does, because my little patio hardly has room for a 40m radial.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, ckwishmeier@... wrote:
>
> Thanks Bill,
>
>
> I think I'll try that with my Buddipole when set up as a vertical. Presently I use an elevated counterpoise stretched out to the proper length for each of the three bands 20, 30 and 40 as required. The comparison should be interesting.
>
>
> Keith
> WA9S
>
>
>

3941. Items for sale

Yahoo group: pfr3_group
Date: 2012-11-02 12:33:58 UTC
From: Ren
Topic: 3936 Message: 3941

Hello Folks,

PFR3A radio sold!!!

Still have:

Bencher BY-2 Iambic Paddle. Used once also in perfect condition.

Asking $125.00 priority shipped.

Thank you,

Ren
KG4BAS

3942. New Case WITH

Yahoo group: pfr3_group
Date: 2012-11-02 20:02:29 UTC
From: Dale Putnam
Topic: 3942 Message: 3942

I am in the process... (define that as time consuming) of finishing a pair of PFR- 3 cases... with the decals...It strikes me as very exciting to see Doug bring out the silk-screen labeled cases... that one thing will shave much time off getting the case ready. Another way to look at it is, the board is completed.. yet the case is still waiting.. I don't have a paint room... and must paint according to the whims of the weather. Dust, moisture, wind, all prevail. I'll spend upwards of 3 or 4 weeks getting just one case ready. That one thing would almost make it worthbuying the new cases to use on these last two radios.... I know.. it only takes about 5 minutes to put a coat on... but this time of year... it takes a whole lot longer than five minutes to get the right wind, temp. and moisture conditions.It would be worth it if I had one of my own to replace... a quick trip to http://www.qrpkits.com/ place an order.. and done. hmmmm..... Have a great day,

--... ...--

Dale - WC7S in Wy

3943. Touch key paddles

Yahoo group: pfr3_group
Date: 2012-11-03 10:20:36 UTC
From: sq1res
Topic: 3943 Message: 3943

I've made the touch key paddles for my PFR-3A. Works great so I'm very satisfied.
Does not take place for battery container (small, thin SMD PCB) and consumes only 1mA current.
I have described the technical details in FILES section.

You can see it:
https://www.youtube.com/watch?v=MNzr5qN50Hc&feature=plcp
(sorry for poor video quality and my CW skills - I am still learning)

Photos:
http://www.palomar.pl/kf/pfr3a/module.jpg
http://www.palomar.pl/kf/pfr3a/installation.jpg
http://www.palomar.pl/kf/pfr3a/tkp.jpg
http://www.palomar.pl/kf/pfr3a/tkp2.jpg
http://www.palomar.pl/kf/pfr3a/tkp3.jpg

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

3944. FOX FOXHUNT SEASON OPENER

Yahoo group: pfr3_group
Date: 2012-11-03 13:19:27 UTC
From: Dale Putnam
Topic: 3944 Message: 3944

We all are.. I believe.. ready to HUNT the wily fox... AND with the changes this year.. we have the blessing of the Game Warden to proceed... in the 40 acre woods... on Tuesday.and the 80 acre season opener will be Thursday. I'm watching very close for the two FOXii to announce soon.. Yes.. this will be election night.. so among the election returns, let's find the FOXII and have a great hunt!! May the Propagation be ever in your favor
Your scorekeeper
--... ...--
Dale - WC7S in Wyhttp://www.qrpfoxhunt.org

>
> I'm ready to HUNT!
>

3945. Re: Touch key paddles

Yahoo group: pfr3_group
Date: 2012-11-03 17:46:45 UTC
From: k6mgo@verizon.net
Topic: 3943 Message: 3945

That is really very neat, Jarek, I like your paddles and think the video is great. Thanks for showing it to us.

72, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "sq1res" <j69@...> wrote:
>
> I've made the touch key paddles for my PFR-3A. Works great so I'm very satisfied.
> Does not take place for battery container (small, thin SMD PCB) and consumes only 1mA current.
> I have described the technical details in FILES section.
>
> You can see it:
> https://www.youtube.com/watch?v=MNzr5qN50Hc&feature=plcp
> (sorry for poor video quality and my CW skills - I am still learning)
>
> Photos:
> http://www.palomar.pl/kf/pfr3a/module.jpg
> http://www.palomar.pl/kf/pfr3a/installation.jpg
> http://www.palomar.pl/kf/pfr3a/tkp.jpg
> http://www.palomar.pl/kf/pfr3a/tkp2.jpg
> http://www.palomar.pl/kf/pfr3a/tkp3.jpg
>
>
> Vy73 Jarek SQ1RES
> ============================
> http://www.qrz.com/db/sq1res
>

3946. Re: Touch key paddles

Yahoo group: pfr3_group
Date: 2012-11-04 14:27:01 UTC
From: Johnny Matlock
Topic: 3943 Message: 3946

Gm Jarek
Very nice job on you paddles for the PFR 3
I do not see the source of the board and parts.
Did you home brew them?
Thanks
Johnny AC0BQ

3947. Re: Touch key paddles

Yahoo group: pfr3_group
Date: 2012-11-04 14:57:33 UTC
From: sq1res
Topic: 3943 Message: 3947

--- In pfr3_group@yahoogroups.com, Johnny Matlock <jomatlock@...> wrote:
> I do not see the source of the board and parts.
> Did you home brew them?

Thanks Bill and Johnny,
Yes, it's homebrew PCB - using thermal transfer method:
https://www.youtube.com/watch?v=QQupRXEqOz4
and parts from http://www.farnell.com

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

3948. Re: Touch key paddles

Yahoo group: pfr3_group
Date: 2012-11-04 17:18:33 UTC
From: wb9dlc
Topic: 3943 Message: 3948

Very nice Jarek! Great Job. Thanks for sharing....

Mike / WB9DLC

--- In pfr3_group@yahoogroups.com, "sq1res" <j69@...> wrote:
>
> I've made the touch key paddles for my PFR-3A. Works great so I'm very satisfied.
> Does not take place for battery container (small, thin SMD PCB) and consumes only 1mA current.
> I have described the technical details in FILES section.
>
> You can see it:
> https://www.youtube.com/watch?v=MNzr5qN50Hc&feature=plcp
> (sorry for poor video quality and my CW skills - I am still learning)
>
> Photos:
> http://www.palomar.pl/kf/pfr3a/module.jpg
> http://www.palomar.pl/kf/pfr3a/installation.jpg
> http://www.palomar.pl/kf/pfr3a/tkp.jpg
> http://www.palomar.pl/kf/pfr3a/tkp2.jpg
> http://www.palomar.pl/kf/pfr3a/tkp3.jpg
>
>
> Vy73 Jarek SQ1RES
> ============================
> http://www.qrz.com/db/sq1res
>

3949. FOX: HUNT OPENS

Yahoo group: pfr3_group
Date: 2012-11-06 14:47:06 UTC
From: Dale Putnam
Topic: 3949 Message: 3949

WHAAAHOOOOO!! FINALLY THE DAY IS HERE. The Game Warden says, the wait is over and we are good to go... on 40M tonight! There are two foxii that will be sneaking out of their dens.. sniffing around.. and sly and shy as they are... they will be calling"CQ FOX"... somewhere between 7.030 and 7.050 ... at 0200z (that is 7pm MT) and for the next90 miutes, you will be involved in the most fun to be had in 90 minutes.. on your radio. The exchange is pretty standard, and easy to do... the props are great.. the Foxii are super, fun is memorable. Come see for yourself!! Watch for the FOXii announcements on the qfox reflector too! May the props be Ever in YOUR Favor!

--... ...--
Dale - WC7S in Wyhttp://qrpfoxhunt.org

3950. paypal qrpskit.com ??

Yahoo group: pfr3_group
Date: 2012-11-10 03:23:26 UTC
From: charron Jean
Topic: 3950 Message: 3950

Hello, can someone give me the email qrpskits.com on paypal to send payment ki6d @???

73 Jen VE2JCW

3951. RE: [pfr3_group] paypal qrpskit.com ??

Yahoo group: pfr3_group
Date: 2012-11-10 03:32:34 UTC
From: Dale Putnam
Topic: 3950 Message: 3951

ki6ds@... you can email him with the request for the case...

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: jeancharron@...
Date: Sat, 10 Nov 2012 03:23:26 +0000
Subject: [pfr3_group] paypal qrpskit.com ??

Hello, can someone give me the email qrpskits.com on paypal to send payment ki6d @???

73 Jen VE2JCW

3952. Re: PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-11-10 20:13:02 UTC
From: Gary Marklund
Topic: 3925 Message: 3952

Doug,

Are these cases also compatible with the original PFR3?

73,

Gary KJ7RT
Sun City, AZ
Fists #14460 NAQCC #3709

3953. RE: [pfr3_group] Re: PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-11-10 20:33:39 UTC
From: Dale Putnam
Topic: 3925 Message: 3953

I believe they are.. at least it fits mine. And man what a pretty rig it becomes.. (not to mention removing the scars of a year of worth of work)..And talk about saving time.. no more fiddling around with decals.. that is ok for some.. and some make it look great.. but making it look good withdecals does take a fair piece of time. Go for it Gary, you'll love it.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: gary.kj7rt@gmail.com
Date: Sat, 10 Nov 2012 13:13:02 -0700
Subject: [pfr3_group] Re: PFR3A now shipping with silkscreened cases

Doug,

Are these cases also compatible with the original PFR3?
73,

Gary KJ7RT
Sun City, AZ
Fists #14460 NAQCC #3709

3954. Re: PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-11-11 18:22:25 UTC
From: David Oakden
Topic: 3925 Message: 3954

Silk screen case. Works with my PFR3A
Looks really good - The yellow is more yellow!!!! as well!!!

73s David G3UFO

3955. RE: [pfr3_group] Re: PFR3A now shipping with silkscreened cases

Yahoo group: pfr3_group
Date: 2012-11-11 19:11:33 UTC
From: Keith Williams
Topic: 3925 Message: 3955

sounds good......OCD wins again, that's the trouble with associating with OKT!!!

To: pfr3_group@yahoogroups.com
From: david.oakden@...
Date: Sun, 11 Nov 2012 18:22:25 +0000
Subject: [pfr3_group] Re: PFR3A now shipping with silkscreened cases

Silk screen case. Works with my PFR3A
Looks really good - The yellow is more yellow!!!! as well!!!

73s David G3UFO

3956. Fox: Hunt Tonight - WC7S

Yahoo group: pfr3_group
Date: 2012-11-13 14:48:07 UTC
From: Dale Putnam
Topic: 3956 Message: 3956

I will be one of the FOXii tonight, with the exemplary K4BAI, in the 40 acre forest.Somewhere between the two trailheads marked 7.050 and 7.030, we will be out of ourdens by 0200z and will return to the safety of our den again by 0330z. Ok.. that's the layout, here's the straight info,The exchange: RST, SPC, Name, Power (not more than 5 watts!) Listen closely to what is sent by the Foxii, the call will be:"FOX WC7S UP... (or) DOWN" For those close, try to grab a pelt early, if not successful, don't give up, I have 5 antennas that all work well, and I will be changing antennas often to allow all hounds a chance to grab a pelt.Stay late too, the props often slip in a late hunt opening starting about the time the band goes long, to select areas. The equipment here will be a K2 at 5 watts, (my tribander is offline currently). The antennas:Three 360 foot long center fed at 50 ft, fed with balanced line. A 100 foot dblt at 30 ft, fed with open balanced line,and a vertical on steel roof, 15 ft above ground. I'll be sly, shy, and listening intently for you. See you tonight!!

--... ...--
Dale - WC7S in Wy

I will be the other Fox in tonight's QRP fox hunt on 40M (with Dale,

WC7S, in WY). Look for the two foxes between 0200 and 0330Z Tuesday

night (9 to 10:30 PM EST) between 7030 and 7050 kHz. Run no more than 5

watts. I will be using an FT1000MP at 5W output as measured by the WM-2

QRP Watt Meter and a coax fed 40 meter dipole up about 40 feet. I will

start out listening UP and will indicate that by CQ FOX DE K4BAI UP.

When the pile up dies down, I will stop saying "UP" and will be

listening on my own frequency. The exchange is RST, SPC, Name, Power.

So, I will be sending real RST, GA, JOHN, 5W. Hope the skip won't be

too long and that I can work most of the country. It will be difficult,

but not necessarily impossible, for those close in. Give it a try and I

will keep it up for the entire 90 minute period. 73/72, John, K4BAI.

3957. FOX FOXHUNT Thurs pm

Yahoo group: pfr3_group
Date: 2012-11-15 01:18:48 UTC
From: Dale Putnam
Topic: 3957 Message: 3957

There's a FOXHUNT Thursday evening (7pm MT) or Friday morning 0200z (whichever way you set your clock from DST.. or not).Bring your best horse and dog.. and of course ... your best fist... oh.. and don't worry about the BIG ENGINE.. you will only need 5 watt brake horsepower, measured at the axle tx. Gather up at the edge of the 80 acre wood and mount up, ready to ride at 0200z or 7pm MT and we will go hunting... a hunting we will go...somewhere between the two markers marked 3.550 and 3.570. Dave N1IX and I, Dale, WC7S will be your shy, sly, slick, FOXii. Here's the deal, you listen real good, y'hr? and we will tell you where to plunk down to fire.... sometimes, historically, the FOXii will look UPhill.. and other times.. Dwnhill. so be listenin' and of course, since it isn't real comfy to pileup on top if each other.. you can't reach yoursippin liquid.... nor find you glasses to look for us with... besides that.. elbows and knees don't make soft sittin.... so SPREAD OUT ... you just might find it a whole lot more productive. After you make your shot, one time.. maybe twice... hush up and listen some more.. we will be moving around.. and it would be advisable to be prepared to fire again, from the right place... another reason to not get all stuck up together... no movin room. When you hear your shot hithome... answer with the signal report, (RST) , your state, province, country, (SPC), your name, and Pwr, (no more than 5 w or you will be de-listed, and no one wants that) So.. Let the Games Begin, and May the Props be ever in OUR Favor

--... ...--
Dale - WC7S in Wyhttp://www.qrpfoxhunt.org

3958. Noise Blanker

Yahoo group: pfr3_group
Date: 2012-11-25 05:26:44 UTC
From: zl1klp
Topic: 3958 Message: 3958

Hi all,

I'm living in the countryside where farm animals are kept in their designated paddocks using electric fences - driven by a dirty 11kV pulse every ~1 second. The fence lines are long causing massive
'snap' through my headphones.

Wondering if anyone's got powerful yet simple NB circuit to suggest? I have no issues with my 746pro with NB on - so it is possible to get rid of the issue.

73 form New Zealand
Riku, ZL1KLP

3959. Re: Noise Blanker

Yahoo group: pfr3_group
Date: 2012-11-25 13:20:02 UTC
From: arsna4u
Topic: 3958 Message: 3959

While not cheap, I find the West Mountain Radio CLRspkr very effective.
73, Tom NA4U

--- In pfr3_group@yahoogroups.com, "zl1klp" <rikluost@...> wrote:
>
> Hi all,
>
> I'm living in the countryside where farm animals are kept in their designated paddocks using electric fences - driven by a dirty 11kV pulse every ~1 second. The fence lines are long causing massive
> 'snap' through my headphones.
>
> Wondering if anyone's got powerful yet simple NB circuit to suggest? I have no issues with my 746pro with NB on - so it is possible to get rid of the issue.
>
> 73 form New Zealand
> Riku, ZL1KLP
>

3960. RE: [pfr3_group] Re: Noise Blanker

Yahoo group: pfr3_group
Date: 2012-11-25 15:22:01 UTC
From: Dale Putnam
Topic: 3958 Message: 3960

I keep my own horses in with an electric fence, that at times... can be viscious on my ears. I have found that the elecraft analog filter does a remarkable job in dealing with that. The analog filter is almost the same size as the PFR3 tho. The NESCAF filter does a good job of narrowing things down to where the snap doesn't rip my ears off too, and it is a lot smaller.

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: the.evans@...
Date: Sun, 25 Nov 2012 13:20:02 +0000
Subject: [pfr3_group] Re: Noise Blanker

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73, Tom NA4U

--- In pfr3_group@yahoogroups.com, "zl1klp" <rikluost@...> wrote:

>

> Hi all,

>

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>

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>

> 73 form New Zealand

> Riku, ZL1KLP

>

3961. FW: Foster Children Removed From Conservative Parents - Sunday's Latest News from TheBlaze.com

Yahoo group: pfr3_group
Date: 2012-11-25 16:45:07 UTC
From: Dale Putnam
Topic: 3961 Message: 3961

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November 25, 2012

Brits Take Away Conservatives Kids

UK social workers remove foster children from the home of a conservative couple

Shocking Video Shows Mass Self-Flagellation By Shiites

A number of Muslims in Afghanistan are marking the holy period of Ashoura by bloodying themselves with knives and whips. The Associated Press has gruesome photos and both Reuters and Russia Today have video. See them HERE.

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Egypt Tense As Opposition Declares Morsi A 'Pharoah'

Nobel Peace laureate Mohammed ElBaradei, who was once expected to be the leader of post-revolution Egypt, warned of increasing turmoil on Saturday that could potentially lead to the military stepping in unless the Islamist president rescinds his new, near absolute powers. Get the latest news on this developing story HERE.

READ THIS | TWEET IT | LIKE IT

Reason.com Editor Addresses Anti-Walmart Talking Points

On Saturday, Peter Suderman, senior editor for Reason.com used Twitter to lay out his observations on the retail giant. Luckily for you, TheBlaze followed Suderman’s Tweets and have condensed it all for you HERE.

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Video: See A World Record Set For Tightest Parallel Parking

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FL Woman Faces 60 Days In Jail For Trying To Ride A Manatee

A 53-year-old Florida woman was arrested at the Sears where she works on Saturday after being photographed in late September playing with – and seemingly trying to “ride” – a wild manatee. See the pictures and learn why riding a wild manatee could land anyone in jail HERE.

READ THIS | TWEET IT | LIKE IT

Book Of The Week: Glenn Beck's 'Agenda 21'

Read-along with Glenn starting tomorrow! Your purchase of Agenda 21 from TheBlaze Books grants you a week's worth of Glenn's notes and commentary on the terrifying, futuristic thriller Brad Thor calls "the 1984 of this generation." And you can respond to Glenn right from your eBook! Your exclusive, interactive experience begins HERE.

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Should Parents Be Allowed To Humiliate Their Children?

We have witnessed public humiliation being used by the courts as recently as last week when a judge sentenced a woman to hold up a sign proclaiming that she was an “idiot” for driving on the sidewalk to avoid a school bus. But, TheBlaze is wondering if parents should be allowed to discipline unruly kids by embarrassing them in public? See what some Florida parents forced their unruly daughter to do and take our Blaze poll on the subject HERE.

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Re-Live Some Of Larry Hagman's Greatest TV Moments

TV star Larry Hagman passed away at the age of 81. The actor, who returned as J.R. Ewing in a new edition of “Dallas” this year, had a long history of health problems. According to family sources, Hagman died late Friday due to complications from his battle with cancer. Watch some classic moments from the popular actor's career HERE.

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3962. RE: [pfr3_group] FW: Foster Children Removed From Conservative Parents - Sunday's Latest News from TheBlaze.com - DELETE!!

Yahoo group: pfr3_group
Date: 2012-11-25 16:48:28 UTC
From: Dale Putnam
Topic: 3961 Message: 3962

My apologies to the group, apparently there is a fat finger on the end of my hand... that adds addresses. Please disregard!! and DELETE!!

--... ...--
Dale - WC7S in Wy
To: betsyputnam@...; pfr3_group@yahoogroups.com
From: daleputnam@...
Date: Sun, 25 Nov 2012 09:45:07 -0700
Subject: [pfr3_group] FW: Foster Children Removed From Conservative Parents - Sunday's Latest News from TheBlaze.com

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3963. RE: [pfr3_group] FW: Foster Children Removed From Conservative Parents - Sunday's Latest News from TheBlaze.com - DELETE!!

Yahoo group: pfr3_group
Date: 2012-11-25 19:56:47 UTC
From: Jim
Topic: 3961 Message: 3963

Dale,

While it is not possible to voice an opinion for the moderator of this group, and I don't want to try, there probably are several here that share similar feelings about the topics mentioned. Personally, I am not offended.

Jim KD5VXH

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com] On Behalf Of Dale Putnam
Sent: Sunday, November 25, 2012 10:48 AM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] FW: Foster Children Removed From Conservative Parents - Sunday's Latest News from TheBlaze.com - DELETE!!

My apologies to the group, apparently there is a fat finger on the end of my hand... that adds addresses.
Please disregard!! and DELETE!!

--... ...-- Dale - WC7S in Wy

3964. FOX FoXhunts are BACK!!

Yahoo group: pfr3_group
Date: 2012-11-27 01:15:56 UTC
From: Dale Putnam
Topic: 3964 Message: 3964

Two fine FOXii are to be out of their dens in 25 hours, to make their pelts available to all those Happy Hunting Hounds, in the 40 acre woods.Come be a part of the most fun in 90 minutes that you can find.... on the radio. You'll find both ot the FOXii, AB9CA/4 and K9CW somewhere between the trees marked 7030 and 7050, running about 20mph...(wpm) and even tho they are shy and sly... they'll be doing their best to insure they don't carry too many pelts back into the den at 8:30pm MT (0330z). Ya'll come have fun, Y'ear? Check out the rules on http://www.qrpfoxhunt.org

--... ...--
Dale - WC7S in Wy(the humble scorekeeper)

3965. Antenna switch

Yahoo group: pfr3_group
Date: 2012-12-01 12:33:38 UTC
From: sq1res
Topic: 3965 Message: 3965

Hi,

I uploaded a brief description in files section:
antenna switch.pdf - How to set the antenna switch and coax/BLT switch
It is useful in my antenna experiments, so maybe it will be useful for someone else.

Vy73 Jarek SQ1RES
==========
http://www.qrz.com/db/sq1res

3966. Old manual needed

Yahoo group: pfr3_group
Date: 2012-12-02 03:37:09 UTC
From: dave_w0ru
Topic: 3966 Message: 3966

I have a PFR-3 kit that I purchased in May 2008. Should I use the PFR-3 Rev B manual that is in the old files section for this group?

73,
Dave W0RU

3967. Re: Antenna switch

Yahoo group: pfr3_group
Date: 2012-12-02 20:52:18 UTC
From: DAVID
Topic: 3965 Message: 3967

Very useful-
Thank you de David G3UFO
--- In pfr3_group@yahoogroups.com, "sq1res" <j69@...> wrote:
>
> Hi,
>
> I uploaded a brief description in files section:
> antenna switch.pdf - How to set the antenna switch and coax/BLT switch
> It is useful in my antenna experiments, so maybe it will be useful for someone else.
>
> Vy73 Jarek SQ1RES
> ============================
> http://www.qrz.com/db/sq1res
>

3968. Re: [pfr3_group] Old manual needed

Yahoo group: pfr3_group
Date: 2012-12-02 22:37:49 UTC
From: Steven Weber
Topic: 3966 Message: 3968

>I have a PFR-3 kit that I purchased in May 2008. Should I use the PFR-3 Rev
>B manual that is in the old files section for this group?
>

Yes. Old manuals can also be found at qrpkits.com under discontinued kits.

Steve KD1JV

3971. Tribander wins again

Yahoo group: pfr3_group
Date: 2012-12-06 02:43:12 UTC
From: Dale Putnam
Topic: 3971 Message: 3971

Have my Tribander, sitting there on the desk, turned it on, on 40 with a 100 foot long 25 foot high dblt, made one call... to C6AKQ and gathered in a 599....Pretty nifty. So now.. starts the DXCC of the tribander.. on 80-40-20.. I suppose it would be asking a lot to try for 3BDXCC wouldn't it?

--... ...--
Dale - WC7S in Wy

3972. Re: [pfr3_group] Tribander wins again

Yahoo group: pfr3_group
Date: 2012-12-06 13:21:19 UTC
From: lahagar1@aol.com
Topic: 3971 Message: 3972

Hi Dale,

Sorry for not paying close enough attention... but what is your Tribander? Is that a new kit? or maybe conversion of a PFR to work on 80m? ... would be interesting to learn more about your Tribander!

72, Lynn
NG9D

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Dec 5, 2012 8:43 pm
Subject: [pfr3_group] Tribander wins again

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Pretty nifty.
So now.. starts the DXCC of the tribander.. on 80-40-20.. I suppose it would be asking a lot to try for 3BDXCC wouldn't it?

--... ...-- Dale - WC7S in Wy

3973. RE: [pfr3_group] Tribander wins again

Yahoo group: pfr3_group
Date: 2012-12-06 14:12:03 UTC
From: Dale Putnam
Topic: 3971 Message: 3973

Hi Lynn, My Tribander (TB) is a Doug Hendricks (QRPkits.com) kit that can be built (hole thru) for any of three bands, of 80-40-30-20-17 or 15. It is a nice brushed aluminum that paints well, with a bail to tilt up some, nice addition to the desk.And it is small enough to fit in a backback. Very efficient, too. I've run after the foxii and been successful connected to a 9v transistor battery. It does not have a tuner built in like the PFR3 doesn, but the BLT tuner in its brushed aluminum caselooks very nice sitting along side if it is needed. It's familial history is one of success, from the same designer as the PFR3 and the ATS series radios. It is a nifty addition to the shack, or den. I have my bride's blessing to bring it into the family room, and leave it settin on my desk there, right where everyone coming in to visit will see it. So it has eye appeal acceptability too. (She wouldn't agree to any of my other radios, like the Icom 761, Elecraft K2, or SB104a.... So, I have it on my desk, within easy and quick reach for those dx posts that pop up, for the next "wanted" country.. and I want to get there before the crowd... I can be on the air within a matter of a minute or two. It has a volume control, earphones are best, although there is enough room to add a speaker if you just have to, built in keyer, rotary knob to tune, and RIT. I've built, aligned and optimized a few for folks, and they have all come up easily, with a sensitive receiver and a narrow filter, that makes it easy to exceed the published specs with. I'd be happy to answer any questions? Have a great day, --... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: lahagar1@...
Date: Thu, 6 Dec 2012 08:21:19 -0500
Subject: Re: [pfr3_group] Tribander wins again

Hi Dale,

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72, Lynn

NG9D

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To: pfr3_group <pfr3_group@yahoogroups.com>

Sent: Wed, Dec 5, 2012 8:43 pm

Subject: [pfr3_group] Tribander wins again

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Pretty nifty.

So now.. starts the DXCC of the tribander.. on 80-40-20.. I suppose it would be asking a lot to try for 3BDXCC wouldn't it?

--... ...-- Dale - WC7S in Wy

3974. Re: [pfr3_group] Tribander wins again

Yahoo group: pfr3_group
Date: 2012-12-06 14:21:44 UTC
From: Bob AF2Q
Topic: 3971 Message: 3974

Dale,isn't there a yahoo list for a 2 band and a 3 band? Where can I get this kit and what is the price and power? Bob AF2Q
Former member of the 12 O'clock High skydiver team

3975. Re: [pfr3_group] Tribander wins again

Yahoo group: pfr3_group
Date: 2012-12-06 14:30:35 UTC
From: Barry N1EU
Topic: 3971 Message: 3975

http://qrpkits.com/tribander.html

Very nice looking rig indeed!

72,
Barry N1EU

On Thu, Dec 6, 2012 at 2:21 PM, Bob AF2Q <beargyrils@...> wrote:

> **
>
>
> Dale,isn't there a yahoo list for a 2 band and a 3 band? Where can I get
> this kit and what is the price and power? Bob AF2Q
> Former member of the 12 O'clock High skydiver team
>
>

3976. RE: [pfr3_group] Tribander wins again

Yahoo group: pfr3_group
Date: 2012-12-06 14:43:09 UTC
From: Dale Putnam
Topic: 3971 Message: 3976

Hi Bob, The TB is a Doug Hendricks QRPkits.com kit. I don't know of a yahoo list for it yet. May be too new. I'd check http://www.qrpkits.com/tribander.html for more details.It runs a clean 5 watts easily on 12v. Have a great day,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: beargyrils@...
Date: Thu, 6 Dec 2012 14:21:44 +0000
Subject: Re: [pfr3_group] Tribander wins again

Dale,isn't there a yahoo list for a 2 band and a 3 band? Where can I get this kit and what is the price and power? Bob AF2Q

Former member of the 12 O'clock High skydiver team

3977. Re: [pfr3_group] Tribander wins again

Yahoo group: pfr3_group
Date: 2012-12-06 17:01:59 UTC
From: lahagar1@aol.com
Topic: 3971 Message: 3977

Hi Dale,

I went to Hendrick's web site. That's a beauty! Thank Dale - now I know what you mean when you say Tribander!! It looks like a wonderful winter-time project. Checking my solder supply now...

PS ... Have you ever seen a Crystal Radio Set for 160/80 meter CW/SSB?

If curious, watch "Joe's Amazing Workshop" on www.YouTube.com/NG9D

72 Guys,
Lynn
NG9D . .

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Dec 6, 2012 8:14 am
Subject: RE: [pfr3_group] Tribander wins again

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I want to get there before the crowd... I can be on the air within a matter of a minute or two.
It has a volume control, earphones are best, although there is enough room to add a speaker if you just have to, built in keyer,
rotary knob to tune, and RIT.
I've built, aligned and optimized a few for folks, and they have all come up easily, with a sensitive receiver and a narrow filter,

that makes it easy to exceed the published specs with.

I'd be happy to answer any questions?

Have a great day,

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From: lahagar1@...
Date: Thu, 6 Dec 2012 08:21:19 -0500
Subject: Re: [pfr3_group] Tribander wins again

Hi Dale,

Sorry for not paying close enough attention... but what is your Tribander? Is that a new kit? or maybe conversion of a PFR to work on 80m? ... would be interesting to learn more about your Tribander!

72, Lynn
NG9D

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Dec 5, 2012 8:43 pm
Subject: [pfr3_group] Tribander wins again

Have my Tribander, sitting there on the desk, turned it on, on 40 with a 100 foot long 25 foot high dblt, made one call... to C6AKQ and gathered in a 599....
Pretty nifty.
So now.. starts the DXCC of the tribander.. on 80-40-20.. I suppose it would be asking a lot to try for 3BDXCC wouldn't it?

--... ...-- Dale - WC7S in Wy

3978. Re: Tribander wins again

Yahoo group: pfr3_group
Date: 2012-12-06 18:58:47 UTC
From: Keith Hamilton
Topic: 3971 Message: 3978

The Yahoo group "DualBander" covers both the Weber radios, the DualBander and TriBander kits sold by Hendricks Kits. The group covers both radios. The DualBander is discontinued so most of the posts are currently about the Tri-Bander.

73
Keith N8CEP

--- In pfr3_group@yahoogroups.com, "Bob AF2Q" <beargyrils@...> wrote:
>
> Dale,isn't there a yahoo list for a 2 band and a 3 band? Where can I get this kit and what is the price and power? Bob AF2Q
> Former member of the 12 O'clock High skydiver team
>

3979. Re: Tribander wins again

Yahoo group: pfr3_group
Date: 2012-12-06 23:12:30 UTC
From: ki4fdtbone
Topic: 3971 Message: 3979

Dale, working the Bahamas from Wy with 5 watts is something! You must be on the top of a mountain! Good for you. I have spent years cruising the Bahamas with a call of VP5TW/C6A, and N4HGM/C6A and others. You did real good. Thanks for your posts. T. Bone, KI4FD/C6A

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
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>
> --... ...--
> Dale - WC7S in Wy
>

3980. RE: [pfr3_group] Re: Tribander wins again

Yahoo group: pfr3_group
Date: 2012-12-07 02:35:09 UTC
From: Dale Putnam
Topic: 3971 Message: 3980

Thank you, I live just outside of Cheyenne, and although it is high here... 6240ft asl... it isn't a mountain... wish it was.. tho.I'll keep a better eye on the bands now too.Hope to work you one day too!Merry Christmas,

--... ...--
Dale - WC7S in Wy
To: pfr3_group@yahoogroups.com
From: tbone1417@...
Date: Thu, 6 Dec 2012 23:12:30 +0000
Subject: [pfr3_group] Re: Tribander wins again

Dale, working the Bahamas from Wy with 5 watts is something! You must be on the top of a mountain! Good for you. I have spent years cruising the Bahamas with a call of VP5TW/C6A, and N4HGM/C6A and others. You did real good. Thanks for your posts. T. Bone, KI4FD/C6A

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:

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>

> --... ...--

> Dale - WC7S in Wy

>

3981. Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2012-12-26 23:16:13 UTC
From: AlfredR
Topic: 3981 Message: 3981

Would anyone by chance have a PFR-3 for sale? Tnx Al W6JHO

3982. Re: [pfr3_group] Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2012-12-26 23:27:28 UTC
From: beargyrils@aol.com
Topic: 3981 Message: 3982

I will have one up for sale in about one week.
Also starting a build on a kit on my own since response for help on the list is near zero.
It is pretty much straight forward so why not build one?

BOB
AF2Q

In a message dated 12/26/2012 3:16:18 P.M. Pacific Standard Time, rugelj2002@... writes:

Would anyone by chance have a PFR-3 for sale? Tnx Al W6JHO

3983. RE: [pfr3_group] Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2012-12-26 23:47:12 UTC
From: Dale Putnam
Topic: 3981 Message: 3983

Hi Al, If you wish to build one, they are certainly available, and the help here, on this list is amazing, and very plentiful. OR someone can build it for you, without charging you anything. Just the shipping to get it here and back,and that runs right at 15 dollars. The case now has silk screened labels, and I clear coat over that a couple coats, for protection. The basic hole through design lets you do it all. The smd parts have already been put on the board. OR.. if you want to try building it, and run into trouble, I'll make it all well, and spec it, with specs that you can trust, from NIST traceable equipment. Again, no charge, but the shipping. The price of used ones are very much like a new one, unless there is something the seller knows that you don't.A Better New Year to you and yours,

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@...m
From: beargyrils@...
Date: Wed, 26 Dec 2012 18:27:28 -0500
Subject: Re: [pfr3_group] Anyone have a PFR-3 for sale?

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W6JHO

3984. Re: [pfr3_group] Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2012-12-26 23:51:45 UTC
From: Alfred Rugel
Topic: 3981 Message: 3984

Thanks Bob! I am an OT first licensed in 1949 as DL4LQ and my hands no longer work good enough for kits but OK for CW!!

Can you quote me a total figure on the completed kit? Tnx agn! 73 Al W6JHO

_____
From: "beargyrils@aol.com" <beargyrils@...>
To: pfr3_group@yahoogroups.com
Sent: Wednesday, December 26, 2012 3:27 PM
Subject: Re: [pfr3_group] Anyone have a PFR-3 for sale?

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rugelj2002@... writes:
Would anyone by chance have a PFR-3 for sale? Tnx Al
W6JHO
>

3985. Re: [pfr3_group] Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2012-12-27 00:01:28 UTC
From: Bob AF2Q
Topic: 3981 Message: 3985

Hi Al,I have the sale pending on the built unit and I did agree to wait until after the new year. Dale just made a post and he builds free,no fee and just order the kit and have it sent to him. You just pay the shipping fees Bob AF2Q
Former member of the 12 O'clock High skydiver team

-----Original Message-----
From: Alfred Rugel <rugelj2002@yahoo.com>
Sender: pfr3_group@yahoogroups.com
Date: Wed, 26 Dec 2012 15:51:45
To: pfr3_group@yahoogroups.com<pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Anyone have a PFR-3 for sale?

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Sent: Wednesday, December 26, 2012 3:27 PM
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3986. Re: [pfr3_group] Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2012-12-27 00:17:45 UTC
From: Alfred Rugel
Topic: 3981 Message: 3986

OK Bob, just got that Email from Dale. Tnx a lot.....I am now 85 yrs old, was in the 101st Airborne for a while.....see you were a skydiver!! However, since I held an Amateur license they pulled me out and I went to the Signal Corps for 2 years in Germany. Tnx agn 73 Al W6JHO

From: Bob AF2Q <beargyrils@...>
To: pfr3_group@yahoogroups.com
Sent: Wednesday, December 26, 2012 4:01 PM
Subject: Re: [pfr3_group] Anyone have a PFR-3 for sale?

Hi Al,I have the sale pending on the built unit and I did agree to wait until after the new year. Dale just made a post and he builds free,no fee and just order the kit and have it sent to him. You just pay the shipping fees Bob AF2Q
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From: Alfred Rugel <rugelj2002@...>
Sender: pfr3_group@yahoogroups.com
Date: Wed, 26 Dec 2012 15:51:45 -0800 (PST)
To: pfr3_group@yahoogroups.com<pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Anyone have a PFR-3 for sale?

Thanks Bob! I am an OT first licensed in 1949 as DL4LQ and my hands no longer work good enough for kits but OK for CW!!

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To: pfr3_group@yahoogroups.com
Sent: Wednesday, December 26, 2012 3:27 PM
Subject: Re: [pfr3_group] Anyone have a PFR-3 for sale?

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>

3987. Re: [pfr3_group] Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2012-12-27 00:45:08 UTC
From: Bob AF2Q
Topic: 3981 Message: 3987

Hi Al, well many hams your age aren't even thinking of CW. I guess you used the T-10 and that was heavy. I was HALO with. The Rangers and in NAM opening at terminal with a square was about 6 G's with the extra gear Dale built my first pfr3 and it was flawless and each band was close to 6 watts. I'm on another list where hams in the UK operate mobile and always try QRP. Last week one posted his contacts and he got into VE3 land and a W4 ham. I made good contacts with mine using and end fed wire and a 3 foot diameter mag loop. GL with the rig. Bob AF2Q
Former member of the 12 O'clock High skydiver team

-----Original Message-----
From: Alfred Rugel <rugelj2002@yahoo.com>
Sender: pfr3_group@yahoogroups.com
Date: Wed, 26 Dec 2012 16:17:45
To: pfr3_group@yahoogroups.com<pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Anyone have a PFR-3 for sale?

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In a message dated 12/26/2012 3:16:18 P.M. Pacific Standard Time, rugelj2002@yahoo.com writes:
Would anyone by chance have a PFR-3 for sale? Tnx Al
W6JHO
>

3988. Re: Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2012-12-27 10:15:58 UTC
From: rkavampsev@aol.com
Topic: 3981 Message: 3988

Hi all.
Ive had a couple of these PFR3's and then sold them to other freinds, however the current one i am modifying quite extensively as i have found a number of things that i would like it to do which it doesnt .
1st the filtering is to narrow to receive anything other than cw. the front end tuning is nearly there but isnt , the bfo is fixed which doesnt help, its not that sensitive using simple portable aeriels.
So to start with the the BFO xtal trimmer is removed and aMV209 varicap is fitted in its place fed by a +10 volts stablalized by a zener and fed via a 100k pot. this allows the xtal to be swung about 1.5 kcs.
2 the three capacitors C8,9,10 arnt fitted or removed and varicap diodes are fitted in series with 200 pf caps each one fed via a 100k resistor with a decoupling cap to ground and likewise fed of the +10 stab line via a 100 k pot .
This allows the xtal bandpass filter to be opened out to about 8 khz in my case which allows the receptioof SSB
3 the capacitor C22 in the feedback loop on the audio preamp is only fitted by one leg, the other leg and connection are taken out to a 47 k pot and this allows the audio to be narrowed to were it was designed to be or opened out for the receiption of SSB.
4 the 4.7 pf between the rf tuning coils is removed/not fitted and in my case a jfet is fitted with the input coil fed to its gate and the output tapped off its drain via the 4.7pf capacitor with a 10uh rf choke feeding the drain via a 100 k pot of the 10 v stab line this allows some form of Rf gain control .
I have found that the front end coil does tune t40/30/20 however the second coil will not reach the end either if you tweek it to 20m then it wont reach 40 and likewise if you tweek it at 40 it wont reach 20
So it was tweeked at 20 and two tunes removed off the coil and with a 47 pf added across the cap it seems to track about right to 40
The four pots are fitted to a small extension plate on the side of the PFR3 and painted yello.
so there you have it so far .
The next mod will be to mod the TX for DSB and forward bias the output trany's and see if the output filters will get rid of the harmonics. we will see it all good fun anyway
Happy new year all.
when its all done the mods will be put on the files section
cheers
Roy
GM4VKI

3989. Re: [pfr3_group] Re: Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2012-12-27 13:38:05 UTC
From: lahagar1@aol.com
Topic: 3981 Message: 3989

Hi Roy,

PFR 3A receiver assembled per manual copies USB on 7MHz and LSB on 14MHz. Are you saying your BFO mod makes the rig capable of adjusting to the opposite (customary) sideband?

Thanks.

73, Lynn
www.YouTube.com/NG9D

-----Original Message-----
From: rkavampsev <rkavampsev@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Dec 27, 2012 4:16 am
Subject: [pfr3_group] Re: Anyone have a PFR-3 for sale?

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3990. Re: Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2012-12-27 14:10:28 UTC
From: Roy
Topic: 3981 Message: 3990

Hi Lynn.
the standard PFR3 will copy ssb poorly however its on the wrong side band .
if you do the bfo mod you can swing the bfo xtal about 1.5 khz. this in its own right isnt enough to bring the correct ssb sideband into the audio range.
Further the severe selectivity of the PFR3 filtering doesnt allow the bandwitch of an SSB signal to pass through and whilst the bfo mod will possibly move the bfo to the right sideband the bandpass filtering wont allow the whole ssb signal through and so the audio is muffled and distorted .
So if you remove C8.9.10 then it opens the xtal filter wide which will allow the whole ssb signal through and you can then swing the bfo over to the correct sideband and by moving the incoming signal by shifting the main tuning to move the incoming ssb signal to within the now widened I.F. bandwith it is quite easy to resolve the ssb on 40 and 20.
By removing C8.9.10 the bandwitdh is so wide that everything comes through and i have added a variable vari cap diode to each xtal to allow the bandwidth to be swung from wide to narrow just like the elecraft KX1.
Hope that helps
cheers
Roy
GM4VKI

--- In pfr3_group@yahoogroups.com, lahagar1@... wrote:
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> PFR 3A receiver assembled per manual copies USB on 7MHz and LSB on 14MHz. Are you saying your BFO mod makes the rig capable of adjusting to the opposite (customary) sideband?
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> From: rkavampsev <rkavampsev@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Thu, Dec 27, 2012 4:16 am
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> cheers
> Roy
> GM4VKI
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3991. Re: [pfr3_group] Re: [removing C8.9.10] to allow copy of correct side band for SSB reception

Yahoo group: pfr3_group
Date: 2012-12-27 14:32:38 UTC
From: lahagar1@aol.com
Topic: 3981 Message: 3991

Roy,

Thanks for you prompt reply.

From your description it would appear that after your modification the radio will hear both USB and LSB but not have a selectable (or unique) side band. Your narrow filter adjustment would help, but seems that hearing both sidebands would make it perform somewhat like a DC receiver, resulting in unwanted sideband QRM during CW reception. If so, then as a CW transceiver, I probably would not opt to make this modification.

Did I understand correctly?

73,
Lynn
www.YouTube/com/NG9D

-----Original Message-----
From: Roy <rkavampsev@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Dec 27, 2012 8:10 am
Subject: [pfr3_group] Re: Anyone have a PFR-3 for sale?

Hi Lynn.
the standard PFR3 will copy ssb poorly however its on the wrong side band .
if you do the bfo mod you can swing the bfo xtal about 1.5 khz. this in its own right isnt enough to bring the correct ssb sideband into the audio range.
Further the severe selectivity of the PFR3 filtering doesnt allow the bandwitch of an SSB signal to pass through and whilst the bfo mod will possibly move the bfo to the right sideband the bandpass filtering wont allow the whole ssb signal through and so the audio is muffled and distorted .
So if you remove C8.9.10 then it opens the xtal filter wide which will allow the whole ssb signal through and you can then swing the bfo over to the correct sideband and by moving the incoming signal by shifting the main tuning to move the incoming ssb signal to within the now widened I.F. bandwith it is quite easy to resolve the ssb on 40 and 20.
By removing C8.9.10 the bandwitdh is so wide that everything comes through and i have added a variable vari cap diode to each xtal to allow the bandwidth to be swung from wide to narrow just like the elecraft KX1.
Hope that helps
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> -----Original Message-----
> From: rkavampsev <rkavampsev@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Thu, Dec 27, 2012 4:16 am
> Subject: [pfr3_group] Re: Anyone have a PFR-3 for sale?
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> So to start with the the BFO xtal trimmer is removed and aMV209 varicap is fitted in its place fed by a +10 volts stablalized by a zener and fed via a 100k pot. this allows the xtal to be swung about 1.5 kcs.
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3992. Re: [removing C8.9.10] to allow copy of correct side band for SSB reception

Yahoo group: pfr3_group
Date: 2012-12-27 15:42:23 UTC
From: Roy
Topic: 3981 Message: 3992

Hi Lynn.
The answer to your analysis is yes if the bandwidth is left wide open then both sidebands will be heard, however once the correct sideband has been tuned in the other sideband can be cut out by reducing the bandwidth using the variable bandwidth control to such that only the correct ssb sideband is audioable. As you say if you want a cw transceiver then why do the mod in the first place .
however if like me, fellow amateurs like to squeeze a gallon out of a pint pot then this was my aim .
Now with the controls that you have on the modified pfr3 if they are all returned to their fully non operated position you have the same spec as the original pfr3 with the original PFR3 performance.
the choice is yours.
The mods are fully reversalbe should you wish to revert to the original spec.
have fun
Cheers
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> www.YouTube/com/NG9D
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> -----Original Message-----
> From: Roy <rkavampsev@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Thu, Dec 27, 2012 8:10 am
> Subject: [pfr3_group] Re: Anyone have a PFR-3 for sale?
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> > From: rkavampsev <rkavampsev@>
> > To: pfr3_group <pfr3_group@yahoogroups.com>
> > Sent: Thu, Dec 27, 2012 4:16 am
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3993. Re: [pfr3_group] Re: [removing C8.9.10] to allow copy of correct side band for SSB reception

Yahoo group: pfr3_group
Date: 2012-12-27 16:56:52 UTC
From: lahagar1@aol.com
Topic: 3981 Message: 3993

Roy,

That does sound like a useful modification to allow SSB reception and one that will not degrade the CW perfomance.

Thank you for taking the time to explain -- I saved your email instructions in my 'to-do' file.

73 for 2013,

Lynn . .
www.YouTube.com/NG9D

-----Original Message-----
From: Roy <rkavampsev@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Dec 27, 2012 9:42 am
Subject: [pfr3_group] Re: [removing C8.9.10] to allow copy of correct side band for SSB reception

Hi Lynn.
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3994. New build, new ham, little experience with radio.

Yahoo group: pfr3_group
Date: 2013-01-15 21:28:07 UTC
From: k9dvmid
Topic: 3994 Message: 3994

I'm brand new to this forum and thank you in advance for your help. I'm new to ham radio and I have decided to jump directly into CW. I have completed a Rockmite 40 (and it works) so I have some soldering skills. I found myself wanting more than the Rockmite would give me so I decided to order the PFR3. I haven't received the kit yet but I started reading the manual and I have some concerns. I have attempted to answer my questions by using the search function on this group. I can see that this question has been asked before but I unable to decipher the vernacular used to answer the question so I'm asking it again. My concern/question is regarding the calibrations recommended. I have neither an oscilloscope nor a frequency counter. Even if I had them, I wouldn't know how to use them. How necessary is this step, can the radio be used if it is omitted and is there a "close enough" way around it? Please type slowly and use little words if possible. I really want to understand your language but I'm not there yet. Thanks again.

3995. Re: [pfr3_group] New build, new ham, little experience with radio.

Yahoo group: pfr3_group
Date: 2013-01-15 21:45:32 UTC
From: LARRY MAKOSKI
Topic: 3994 Message: 3995

You have several options, one of which would be to get in touch with a local Ham who has the equipment and experience to aid you in the calibration. There may even be someone in the group local enough to help you.
If that's not possible, you can forgo the DDS calibration, reference frequency calibration, and proceed to the BFO adjustment which can be done by ear - this is all covered in the manual.
Skipping those ateps is not ideal - but will still yield a very usable radio.
73 de Larry W2LJ

On Tue, Jan 15, 2013 4:28 PM EST k9dvmid wrote:

>I'm brand new to this forum and thank you in advance for your help. I'm new to ham radio and I have decided to jump directly into CW. I have completed a Rockmite 40 (and it works) so I have some soldering skills. I found myself wanting more than the Rockmite would give me so I decided to order the PFR3. I haven't received the kit yet but I started reading the manual and I have some concerns. I have attempted to answer my questions by using the search function on this group. I can see that this question has been asked before but I unable to decipher the vernacular used to answer the question so I'm asking it again. My concern/question is regarding the calibrations recommended. I have neither an oscilloscope nor a frequency counter. Even if I had them, I wouldn't know how to use them. How necessary is this step, can the radio be used if it is omitted and is there a "close enough" way around it? Please type slowly and use little words if
possible. I really want to understand your language but I'm not there yet. Thanks again.
>

3996. Re: [pfr3_group] New build, new ham, little experience with radio.

Yahoo group: pfr3_group
Date: 2013-01-15 22:19:10 UTC
From: Brett Bauscher
Topic: 3994 Message: 3996

Thanks Larry. I'm in the Boise, Idaho area if anyone knows someone that could help.

Brett

--
*Brett W. Bauscher, DVM *
Canyon Small Animal Hospital
www.canyonanimal.com
3923 S. 10th Ave.
Caldwell, Idaho 83605
208-455-7757

3997. RE: [pfr3_group] New build, new ham, little experience with radio.

Yahoo group: pfr3_group
Date: 2013-01-15 23:04:27 UTC
From: Dale Putnam
Topic: 3994 Message: 3997

Hey Hi Brett, and a Welcome!!The calibration has a significant impact on the sensitivity. A scope isn't really needed.. if you have a vom.. that would work too.But you can get by without doing the scope thing, just use your ears.. same as hearing a heartbeat of a foal.. before it's born.. listen hard for thedifferences. OR.. if you want to build it.. leave the knobs off, stick it into a priority mail box, (small) and send it over here.. I'll calibrate it for you.. no charge. And, I'll send back an emailed spec sheet showing you what it is doing for sensitivity, and pwr. Either way, we can work it out.. kinda like birthing a big calf.. from a too young heifer... it is a fair amount ofwork.. and attention to details.. but helping hands are plentiful.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k9dvmid@...
Date: Tue, 15 Jan 2013 15:19:10 -0700
Subject: Re: [pfr3_group] New build, new ham, little experience with radio.

Thanks Larry. I'm in the Boise, Idaho area if anyone knows someone that could help. Brett
--
Brett W. Bauscher, DVM
Canyon Small Animal Hospitalwww.canyonanimal.com3923 S. 10th Ave.Caldwell, Idaho 83605208-455-7757

3998. RE: [pfr3_group] New build, new ham, little experience with radio.

Yahoo group: pfr3_group
Date: 2013-01-15 23:15:40 UTC
From: Brett Bauscher
Topic: 3994 Message: 3998

Thanks Dale, and thanks for speaking my language. I don't know what a VOM is but I do know what a foal's heartbeat sounds like. I would like to take you up on your offer once I complete the kit. I will let you know when that happens. Nice to hear from our neighbors to the east.

-- Brett
**

3999. RE: [pfr3_group] New build, new ham, little experience with radio.

Yahoo group: pfr3_group
Date: 2013-01-15 23:48:18 UTC
From: Dale Putnam
Topic: 3994 Message: 3999

Yep.. sometimes the language just plain gets in the way.. kinda like talkin to a horse... most folks don't understand. a vom... (volt-ohm-meter) can be pretty inexpensive, but the better ones (more accurate, and last longer from the occasional drops and ooops) might cost 25 or more. The really expensive ones.. have lots of bells and whistles.. but don't really do much more than the $40 ones... but they carry a big name. (I can't sell name, unless it is registered, with a national registry)... AQHA.. or.. some such. I dropped my AQHA membership, when I finally figured out that I couldn't make any money raising Hancock-Whimstar-Major Thunder colts.... Anyway.. we can do this.. if you have any issues building.. just ask, k? I have one right now on the bench doing the final check out. Oh.. and when you get to the tuner toroid.. that is kinda fun .. too. It's kinda like wrappin a sprained leg. But using three lengths of wrap, not just one. The other toroids are pretty straight wraps. Just don't overlap the wrap. The soldering is kinda like branding... enough heat.. long enough to flow, is good.... too long cooks the board, too deep. Do you do large animals or small.. oh great.. now I ask.. .. like I'm just a little late with this one.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@...m
From: k9dvmid@...
Date: Tue, 15 Jan 2013 16:15:40 -0700
Subject: RE: [pfr3_group] New build, new ham, little experience with radio.

Thanks Dale, and thanks for speaking my language. I don't know what a VOM is but I do know what a foal's heartbeat sounds like. I would like to take you up on your offer once I complete the kit. I will let you know when that happens. Nice to hear from our neighbors to the east.

-- Brett

4000. Re: [pfr3_group] New build, new ham, little experience with radio.

Yahoo group: pfr3_group
Date: 2013-01-15 23:48:27 UTC
From: ckwishmeier@...
Topic: 3994 Message: 4000

Brett,

Welcome aboard. I have been a fanatic PFR-3A user for almost 2 years now. Have worked at least 25 countries plus, of course, many of the states. I aligned mine with my TenTec receiver to give me a 10 mhz signal and a VOM (volt ohm meter). You can get a decent VOM for under twenty bucks at Radio Shack or Harbor Freight or at most hamfests. Very easy to align and not really that critical.

As a side note I like my PFR-3A so well that I sold my Yaesu FT-811 and have not missed the Yaesu a bit!

Keith
WA9S

PS. And you could always have Dale align it and it would be perfect.

-----Original Message-----
From: Brett Bauscher <k9dvmid@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Jan 15, 2013 6:15 pm
Subject: RE: [pfr3_group] New build, new ham, little experience with radio.

Thanks Dale, and thanks for speaking my language. I don't know what a VOM is but I do know what a foal's heartbeat sounds like. I would like to take you up on your offer once I complete the kit. I will let you know when that happens. Nice to hear from our neighbors to the east.

-- Brett

4001. Re: [pfr3_group] New build, new ham, little experience with radio.

Yahoo group: pfr3_group
Date: 2013-01-15 23:55:06 UTC
From: ckwishmeier@...
Topic: 3994 Message: 4001

Brett,

Sorry. The radio was an FT-817. The 811 is one of three tubes in my TenTec linear !

Keith

-----Original Message-----
From: ckwishmeier <ckwishmeier@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Jan 15, 2013 6:48 pm
Subject: Re: [pfr3_group] New build, new ham, little experience with radio.

Brett,

Welcome aboard. I have been a fanatic PFR-3A user for almost 2 years now. Have worked at least 25 countries plus, of course, many of the states. I aligned mine with my TenTec receiver to give me a 10 mhz signal and a VOM (volt ohm meter). You can get a decent VOM for under twenty bucks at Radio Shack or Harbor Freight or at most hamfests. Very easy to align and not really that critical.

As a side note I like my PFR-3A so well that I sold my Yaesu FT-811 and have not missed the Yaesu a bit!

Keith
WA9S

PS. And you could always have Dale align it and it would be perfect.

-----Original Message-----
From: Brett Bauscher k9dvmid@gmail.com>
To: pfr3_group pfr3_group@yahoogroups.com>
Sent: Tue, Jan 15, 2013 6:15 pm
Subject: RE: [pfr3_group] New build, new ham, little experience with radio.

Thanks Dale, and thanks for speaking my language. I don't know what a VOM is but I do know what a foal's heartbeat sounds like. I would like to take you up on your offer once I complete the kit. I will let you know when that happens. Nice to hear from our neighbors to the east.

-- Brett

4002. Re: Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2013-01-18 09:32:31 UTC
From: Grant
Topic: 3981 Message: 4002

HI Alf, still looking to buy a PFR-3?

Grant VK4JAZ

--- In pfr3_group@yahoogroups.com, "AlfredR" wrote:
>
> Would anyone by chance have a PFR-3 for sale? Tnx Al W6JHO
>

4003. Re: Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2013-01-18 15:57:37 UTC
From: edward kacura
Topic: 3981 Message: 4003

There is a PFR-3 on ebay for sale right now. It's a 2008 model, still in kit form.

Ed N7EDK in Marana,AZ

4004. Re: Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2013-01-20 10:22:41 UTC
From: Grant
Topic: 3981 Message: 4004

I have my PFR 3, with internal battery indicator, for sale at $180 plus postage, if anyone is looking for one. I have used this rig successfully on numerous occasions, and even secured first place in the CW section of the national field day contest, the John Moyle Field Day of 2012. Last week I had a qso with Argentina and New Zealand, using a simple dipole. Rig works fb. A pic of the rig is on my qrz.com page.

4005. Re: [pfr3_group] Re: Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2013-01-20 11:07:44 UTC
From: beargyrils@...
Topic: 3981 Message: 4005

Where are you located?
You gave no name or call so I can't see the P IC on QRZ,com
BOB
AF2Q

In a message dated 1/20/2013 2:22:49 A.M. Pacific Standard Time,
grantmcduling@... writes:

I have my PFR 3, with internal battery indicator, for sale at $180 plus
postage, if anyone is looking for one. I have used this rig successfully on
numerous occasions, and even secured first place in the CW section of the
national field day contest, the John Moyle Field Day of 2012. Last week I had
a qso with Argentina and New Zealand, using a simple dipole. Rig works fb.
A pic of the rig is on my qrz.com page.

4006. Re: Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2013-01-20 23:25:46 UTC
From: Grant
Topic: 3981 Message: 4006

Sorry Bob, My call is VK4JAZ.

Regards
Grant

--- In pfr3_group@yahoogroups.com, beargyrils@... wrote:
>
>
>
> Where are you located?
> You gave no name or call so I can't see the P IC on QRZ,com
> BOB
> AF2Q
>
>
> In a message dated 1/20/2013 2:22:49 A.M. Pacific Standard Time,
> grantmcduling@... writes:
>
> I have my PFR 3, with internal battery indicator, for sale at $180 plus
> postage, if anyone is looking for one. I have used this rig successfully on
> numerous occasions, and even secured first place in the CW section of the
> national field day contest, the John Moyle Field Day of 2012. Last week I had
> a qso with Argentina and New Zealand, using a simple dipole. Rig works fb.
> A pic of the rig is on my qrz.com page.
>

4007. Re: [pfr3_group] Re: Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2013-01-20 23:34:31 UTC
From: beargyrils@...
Topic: 3981 Message: 4007

No problem,'The shipping would be way to high.
I had one ready to order but have a pending statement and the bank closed off my card I use for pay pal.
Thanks for responding.
BOB
AF2Q

In a message dated 1/20/2013 3:25:50 P.M. Pacific Standard Time, grantmcduling@... writes:

Sorry Bob, My call is VK4JAZ.

Regards
Grant

4008. FOX?? YES FOXii!!

Yahoo group: pfr3_group
Date: 2013-01-24 23:13:40 UTC
From: Dale Putnam
Topic: 4008 Message: 4008

We have a volunteer.. I got to checking.. and sure enough.. Rick NK9G has a partner.. so there will be two FOXii running
and slinking around in the 80 acre woods.. somewhere between the two trees marked 3550 and 3570...
hiding and slip sliding around... handing out all the pelts possible..

so we are on ...

Sorry for the late announcement.. time gets past so fast... it's just a good thing I checked...
Good luck to each of you, and may the Props be Ever in OUR Favor!!!

oh.. the other volunteer?? I checked... it's me.

Good Hunting! Find me if you can.. I've got a new temp antenna up.. this time in 50 mph wind... but the temp is 53F..
So.. maybe it will be a 50/50 antenna?

Have a great day,

--... ...--
Dale - WC7S in Wy

4009. Re: [pfr3_group] New build, new ham, little experience with radio.

Yahoo group: pfr3_group
Date: 2013-01-27 02:50:25 UTC
From: ny6p01@...
Topic: 3994 Message: 4009
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

4010. Re: New build, new ham, little experience with radio.

Yahoo group: pfr3_group
Date: 2013-01-27 12:43:03 UTC
From: Bartfaes
Topic: 3994 Message: 4010

Fox Delta in India (www.foxdelta.com) makes some nice frequency counter kits. I recently built their FC3, very good value. They claim it goes up to 500MHz, but I did a couple of tests that indicate that even above 1GHz the accuracy is still quite good.

The kit costs $59, which includes the metal housing. It goes together in a couple of hours, and once completed you download the software that Tony I2TZK has written to calibrate and finish the set-up. Mine didn't need any calibration though...frequency was spot on.

73 de Bart - ON4CCU

4011. Re: [pfr3_group] Tribander wins again

Yahoo group: pfr3_group
Date: 2013-01-28 12:06:23 UTC
From: lahagar1@...
Topic: 3971 Message: 4011

Dale - I finally snagged a "TriBander"!

http://youtu.be/4eYsYSdlx6k

Paul/N0NBD sounding great from Sunflower State!

73, Lynn/NG9D

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Dec 6, 2012 8:14 am
Subject: RE: [pfr3_group] Tribander wins again

Hi Lynn,
My Tribander (TB) is a Doug Hendricks (QRPkits.com) kit that can be built (hole thru) for any of three bands,
of 80-40-30-20-17 or 15. It is a nice brushed aluminum that paints well, with a bail to tilt up some, nice addition to the desk.
And it is small enough to fit in a backback. Very efficient, too. I've run after the foxii and been successful connected to a
9v transistor battery. It does not have a tuner built in like the PFR3 doesn, but the BLT tuner in its brushed aluminum case
looks very nice sitting along side if it is needed.
It's familial history is one of success, from the same designer as the PFR3 and the ATS series radios.
It is a nifty addition to the shack, or den. I have my bride's blessing to bring it into the family room, and leave it settin on
my desk there, right where everyone coming in to visit will see it. So it has eye appeal acceptability too. (She wouldn't agree
to any of my othe r radios, like the Icom 761, Elecraft K2, or SB104a....
So, I have it on my desk, within easy and quick reach for those dx posts that pop up, for the next "wanted" country.. and
I want to get there before the crowd... I can be on the air within a matter of a minute or two.
It has a volume control, earphones are best, although there is enough room to add a speaker if you just have to, built in keyer,
rotary knob to tune, and RIT.
I've built, aligned and optimized a few for folks, and they have all come up easily, with a sensitive receiver and a narrow filter,
that makes it easy to exceed the published specs with.

I'd be happy to answer any questions?

Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: lahagar1@...
Date: Thu, 6 Dec 2012 08:21:19 -0500
Subject: Re: [pfr3_group] Tribander wins again

Hi Dale,

Sorry for not paying close enough attention... but what is your Tribander? Is that a new kit? or maybe conversion of a PFR to work on 80m? ... would be interesting to learn more about your Tribander!

72, Lynn
NG9D

-----Original Message-----
From: Dale Putnam <daleputnam@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Dec 5, 2012 8:43 pm
Subject: [pfr3_group] Tribander wins again

Have my Tribander, sitting there on the desk, turned it on, on 40 with a 100 foot long 25 foot high dblt, made one call... to C6AKQ and gathered in a 599....
Pretty nifty.
So now.. starts the DXCC of the tribander.. on 80-40-20.. I suppose it would be asking a lot to try for 3BDXCC wouldn't it?

--... ...-- Dale - WC7S in Wy

4012. RE: [pfr3_group] Tribander wins again

Yahoo group: pfr3_group
Date: 2013-01-28 13:39:59 UTC
From: Dale Putnam
Topic: 3971 Message: 4012

Great, that is a good presentation too... If the props are anywhere good tonight, I will be using my Tribander as a FOXii radio tomorrow evening during the FOXHUNT on 40... that should be a good time for you to catch me if you can.... Nice presentation Lynn,

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: lahagar1@...
Date: Mon, 28 Jan 2013 07:06:23 -0500
Subject: Re: [pfr3_group] Tribander wins again

Dale - I finally snagged a "TriBander"!

http://youtu.be/4eYsYSdlx6k

Paul/N0NBD sounding great from Sunflower State!

73, Lynn/NG9D

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Sent: Thu, Dec 6, 2012 8:14 am

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9v transistor battery. It does not have a tuner built in like the PFR3 doesn, but the BLT tuner in its brushed aluminum case

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So, I have it on my desk, within easy and quick reach for those dx posts that pop up, for the next "wanted" country.. and

I want to get there before the crowd... I can be on the air within a matter of a minute or two.

It has a volume control, earphones are best, although there is enough room to add a speaker if you just have to, built in keyer,

rotary knob to tune, and RIT.

I've built, aligned and optimized a few for folks, and they have all come up easily, with a sensitive receiver and a narrow filter,

that makes it easy to exceed the published specs with.

I'd be happy to answer any questions?

Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com

From: lahagar1@...

Date: Thu, 6 Dec 2012 08:21:19 -0500

Subject: Re: [pfr3_group] Tribander wins again

Hi Dale,

Sorry for not paying close enough attention... but what is your Tribander? Is that a new kit? or maybe conversion of a PFR to work on 80m? ... would be interesting to learn more about your Tribander!

72, Lynn

NG9D

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To: pfr3_group <pfr3_group@yahoogroups.com>

Sent: Wed, Dec 5, 2012 8:43 pm

Subject: [pfr3_group] Tribander wins again

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Pretty nifty.

So now.. starts the DXCC of the tribander.. on 80-40-20.. I suppose it would be asking a lot to try for 3BDXCC wouldn't it?

--... ...-- Dale - WC7S in Wy

4013. F.S, HG-102 Sig Gen

Yahoo group: pfr3_group
Date: 2013-02-11 21:51:49 UTC
From: Dale Putnam
Topic: 4013 Message: 4013

I've a nice HG-102 sig gen for sale, it works, and is what you'd expect. No.. not museum quality.. but then these are working units. It is priced at $75 shipped to your door. (US only) Outside US you get to pay the shipping.Photos available. I dont have a manual, but they are available online. email direct please.

Have a great day,

--... ...--

Dale - WC7S in Wy

4014. RE: [pfr3_group] F.S, HG-102 Sig Gen

Yahoo group: pfr3_group
Date: 2013-02-12 02:35:59 UTC
From: Dale Putnam
Topic: 4013 Message: 4014

Sorry, I missed putting this up as a Heathkit.. that makes it easier to Google...

Have a great day,

--... ...--
Dale - WC7S in Wy

To: qrp-l@...; at_sprint@yahoogroups.com; pfr3_group@yahoogroups.com; 4sqrp@...
From: daleputnam@...
Date: Mon, 11 Feb 2013 14:51:49 -0700
Subject: [pfr3_group] F.S, HG-102 Sig Gen

I've a nice HG-102 sig gen for sale, it works, and is what you'd expect. No.. not museum quality.. but then these are working units. It is priced at $75 shipped to your door. (US only) Outside US you get to pay the shipping.Photos available. I dont have a manual, but they are available online. email direct please.

Have a great day,

--... ...--

Dale - WC7S in Wy

4015. RE: [QRP-L] New Steve Weber 75M SSB Kit at Hendricks QRP Kits

Yahoo group: pfr3_group
Date: 2013-02-12 17:50:49 UTC
From: Dale Putnam
Topic: 4015 Message: 4015

WOW!!! now this looks interesting... who's going to be the first to order one, ship it me me, and let me build it for you?SSB AND CW!!!

Have a great day,

--... ...--
Dale - WC7S in Wy

> From: ki6ds@...
> To: qrp-l@...
> Date: Tue, 12 Feb 2013 00:37:57 -0700
> CC: kloc@...
> Subject: [QRP-L] New Steve Weber 75M SSB Kit at Hendricks QRP Kits
>
> I am pleased to announce that Steve Weber, KD1JV, has designed another new
> kit for Hendricks QRP Kits. The kit will be on sale for the first time
> Friday and Saturday at the Yuma Hamfest.
>
> Here are the specs for the rig:
> ~10 PEP @ 13.8V
> 0.2 uV receiver sensitivity
> 5 pole crystal ladder filter for selectivity
> 325 or 175 kHz tuning range, selectable at build
> Coarse and Fine tuning controls
> 8 ohm - 500 mW speaker output
> SSB, CW, and, "TUNE" mode
> 50mA Rx current (with optional Digital Dial)
> Inexpensive electret microphone input
> All through hole construction
> Professional silk screened and solder masked pcb
> Full aluminum chassis w/bail, cutout for optional digital dial
> Small size, 6" x 4" x 1.5"
> Assembled weight, w/dd: 330g./11.6 oz.
> 13.8 @ 2A, min. recommended power supply
>
> Your first question might be why did they name it the "Survivor". Well
> that comes from several years ago when Jim Cates and I were running Norcal.
> Many people have asked me what my favorite Norcal kit was, and they were
> usually surprised when I told them it was the Epiphyte. The Epiphyte was a
> ssb transceiver that was designed by the late Derry Spittle, VE7QK. It was
> a marvelous design, and worked fabulously. Several people were able to
> work all 50 states with it, and Vern Wright probably worked well over 100
> countries with his. I kept a daily schedule with Derry and Vern for over 9
> months, never missing a day of making contact. So? We were using dipoles
> up about 30 feet, and Derry, Vern and I were all running Epiphytes with 5
> Watts of power!! Derry was in Vancouver, BC, and Vern and I were in

> California.
>
> The only problem with Derry's design was that the parts were basically
> obsolete when he finished the design. He use a Murata filter that is no
> longer available, and neither is the round 8 pin driver IC. Norcal kitted
> 100 of them, and I was finally able to find the filters on my trip to
> England. The 100 kits were sold out almost overnight, and there was a
> clamor for more. But we just could not source the filter, and we were
> never able to do another run. George Dobbs did do a smaller run for the
> G-QRP Club, which also sold out very quickly. I have always wanted someone
> to design a radio similar to the Epiphyte, but using parts that are
> available. I wanted it simple, easy to build, yet capable of making
> reliable contacts on 75 meters.
> Last year at Dayton, Steve Weber and I were talking, and I asked him to
> design a modern version with the Epiphyte as the model, but using parts
> that I could source. Steve agreed and the Survivor is the result. Now
> how did we come up with that name? Derry used to take his Epiphyte with
> him whenever he went on camping trips in the back woods of British
> Columbia. In fact, one time he used it to get rescued. Derry would take a
> 130 ft. dipole made out of magnet wire and RG 174. He would string the
> dipole on bushes, about 3 or 4 feet above the ground. He ran the short
> length of coax into his tent, and used that setup to check into a British
> Columbia SSB net at 8:00 every evening when he was out. The setup was a
> perfect NVIS system and Derry had reliable contacts out to about 200 miles.
> He often said that the Epiphyte was what gave him the confidence that he
> could survive any situation in the woods, because it worked so well. So to
> honor Derry, and to illustrate one of the great uses for the rig, we called
> it the Survivor.
>
> Ham radio has been used many, many times for rescue. But 2 meters doesn't
> always reach a repeater in the woods. Many hams want to talk with their
> wives back home while they are hunting or camping, but many of the wives
> don't know CW. The Survivor is the perfect rig for taking camping. With a
> battery, simple dipole antenna or end fed half wave only 4 feet off the
> ground, reliable communications with SSB are available.
>
> We also think that groups and clubs that like to build will find this a
> perfect club project. Hams love to talk and hams love to build. Think
> about how much fun a round table of locals will be with radios that you
> build yourself. It is a great way to get club members involved and
> motivated to operate. The kit is only $100 for the basic radio.
> Accessories include digital readout for $35 and an electret microphone kit
> for $15. But, if you buy the combo together, radio, digital readout and
> microphone, you save $10 as it is available for $140. The kit will be
> available on Hendricks QRP Kits web page at www.qrpkits.com on Sunday, Feb.
> 17th. The rig is easy to build and align. In fact the only test equipment
> needed is a volt ohm meter and a dummy load. Doesn't get any easier than
> that. The kit is complete with everything needed to build. Case,
> commercial quality pc board, all through hole parts in the radio (the
> digital dial has surface mount parts but is easily built) and an online

> manual so you can see what you are getting into.
>
> If you attend the Yuma Hamfest this weekend, you will get a sneak peak at
> this radio. We will have them available for sale. Hope to see you there
> at the Hendricks QRP Kits booth. 72, Doug
>
> _____
> QRP-L mailing list
> Home: http://mailman.qth.net/mailman/listinfo/qrp-l
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:QRP-L@...
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html

4016. PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2013-02-12 18:40:17 UTC
From: Stan ae0sl
Topic: 938 Message: 4016

I have a well-loved PFR-3 that is available for sale. It works perfectly and has been in a non-smoking home and a few expeditions to local parks. I am a full-time QRP CW operator, but the PFT-3 has just been sitting on the shelf since I bought a KX3 in December.

There are very minor imperfections in a couple of the decals, but I am including the second sheet of decals. I will part with this fine radio for $200 plus actual shipping charges.

4017. Re: PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2013-02-12 18:58:16 UTC
From: Stan ae0sl
Topic: 938 Message: 4017

K7ddm, Is this your way of telling me that you want to buy it??

--- In pfr3_group@yahoogroups.com, "k7ddmjb" wrote:
>
> The rig has been sold.
> Thanks for the listing..
>

4018. Selling My PFR-3

Yahoo group: pfr3_group
Date: 2013-02-12 19:43:04 UTC
From: Stan ae0sl
Topic: 4018 Message: 4018

My original post was accidentally attached to another message.

I have a well-loved PFR-3 that is available for sale. It works perfectly and has been in a non-smoking home and a few expeditions to local parks. I am a full-time QRP CW operator, but the PFT-3 has just been sitting on the shelf since I bought a KX3 in December.

There are very minor imperfections in a couple of the decals, but I am including the second sheet of decals. I will part with this fine radio for $200 plus actual shipping charges. I will accept Paypal if you add $10 to cover fees. Otherwise, a money order or a check (with 10 day delay to let the check clear).

4019. Re: Selling My PFR-3

Yahoo group: pfr3_group
Date: 2013-02-12 20:14:04 UTC
From: Stan ae0sl
Topic: 4018 Message: 4019

I forgot to mention that I also have a set of Baby Black Widow paddles that I will sell for $20 plus shipping either with the PFR-3 or separately. These paddles attach to the front of the PFR-3.

I will give preference on the paddles to a ham who buys the PFR-3.

Pictures of the rig and the paddles are available on request.

4020. Re: [pfr3_group] Re: Selling My PFR-3

Yahoo group: pfr3_group
Date: 2013-02-12 20:16:27 UTC
From: ckwishmeier@...
Topic: 4018 Message: 4020

Stan,

I will buy the Black Widow paddles by themselves.

Keith
WA9S

-----Original Message-----
From: Stan ae0sl <ae0sl@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Feb 12, 2013 3:14 pm
Subject: [pfr3_group] Re: Selling My PFR-3

I forgot to mention that I also have a set of Baby Black Widow paddles
that I will sell for $20 plus shipping either with the PFR-3 or
separately. These paddles attach to the front of the PFR-3.

I will give preference on the paddles to a ham who buys the PFR-3.

Pictures of the rig and the paddles are available on request.

4021. Re: [pfr3_group] Re: Selling My PFR-3

Yahoo group: pfr3_group
Date: 2013-02-12 20:19:11 UTC
From: beargyrils@...
Topic: 4018 Message: 4021

Keith,
If Stan is willing to sell you the paddles then i'll buy the rig.
BOB
AF2Q

In a message dated 2/12/2013 12:16:36 P.M. Pacific Standard Time,
ckwishmeier@... writes:

Stan,

I will buy the Black Widow paddles by themselves.

Keith
WA9S

4022. Re: [pfr3_group] Re: Selling My PFR-3

Yahoo group: pfr3_group
Date: 2013-02-12 20:22:37 UTC
From: ckwishmeier@...
Topic: 4018 Message: 4022

Stan and Bob,

Such a deal. Let's do it!

Keith
WA9S

-----Original Message-----
From: beargyrils <beargyrils@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Feb 12, 2013 3:19 pm
Subject: Re: [pfr3_group] Re: Selling My PFR-3

Keith,
If Stan is willing to sell you the paddles then i'll buy the rig.
BOB
AF2Q

In a message dated 2/12/2013 12:16:36 P.M. Pacific Standard Time,
ckwishmeier@... writes:
Stan,

I will buy the Black Widow paddles by themselves.

Keith
WA9S

4023. Re: [pfr3_group] Re: Selling My PFR-3

Yahoo group: pfr3_group
Date: 2013-02-12 20:27:48 UTC
From: beargyrils@...
Topic: 4018 Message: 4023

Really can't do much until he responds.
Bob
AF2Q

In a message dated 2/12/2013 12:22:43 P.M. Pacific Standard Time,
ckwishmeier@... writes:

Stan and Bob,

Such a deal. Let's do it!

Keith
WA9S

4024. Re: Selling My PFR-3

Yahoo group: pfr3_group
Date: 2013-02-12 20:48:25 UTC
From: Stan ae0sl
Topic: 4018 Message: 4024

Ok, it looks like we have a pending sale of both items. Both are real bargains IMHO. Bob, AF2Q, is buying the rig for $200 plus shipping that I would estimate at $15. Keith, WA9S is buying the paddles for $20 plus shipping that I would estimate at $10. If you want to pay with Paypal, add 5%.

Send me email to finalize the deal at ae0sl@....

4025. F.S. Heathkit HG-102 Sig Gen

Yahoo group: pfr3_group
Date: 2013-02-13 16:53:04 UTC
From: Dale Putnam
Topic: 4013 Message: 4025

I've a nice HG-102 sig gen for sale, it works, and is what you'd expect. No.. not museum quality.. but then these are working units. It is priced at $75 shipped to your door. (US only) Outside US you get to pay the shipping.Photos available. I dont have a manual, but they are available online. email direct please, before it goes to ebay.

Have a great day,

--... ...--

Dale - WC7S in Wy

4026. F.S. Heathkit IG-102 Sig Gen

Yahoo group: pfr3_group
Date: 2013-02-13 18:03:16 UTC
From: Dale Putnam
Topic: 4013 Message: 4026

I've a nice G-102 sig gen for sale, it works, and is what you'd expect. No.. not museum quality.. but then these are working units. It is priced at $75 shipped to your door. (US only) Outside US you get to pay the shipping.Photos available. I have a digi manual, and they are available online. email direct please, before it goes to ebay. It does 100 kc to 110mhz. (It was made before hz came into fashion) and it can go to 220mc by using the harmonics.And it has an internal 400cycle osc for internal mod. (am) Please contact direct, soon.

4027. Photo added of silkscreened PFR-3

Yahoo group: pfr3_group
Date: 2013-02-13 21:21:43 UTC
From: Keith Hamilton
Topic: 4027 Message: 4027

I just finished my new PFR-3 and had to post a picture. It is in the Photos section labeled "Silkscreened PFR-3"

The case with silkscreening looks really nice and the radio works great!

73
Keith N8CEP

4028. RE: [pfr3_group] F.S. Heathkit IG-102 Sig Gen

Yahoo group: pfr3_group
Date: 2013-02-13 22:56:41 UTC
From: Dale Putnam
Topic: 4013 Message: 4028

Pending funds and final arrangements, the IG-102 has been sold.Thank you for the interest. I'll have more fun things in a little bit.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: qrp-l@...; pfr3_group@yahoogroups.com; 4sqrp@...
From: daleputnam@...
Date: Wed, 13 Feb 2013 11:03:16 -0700
Subject: [pfr3_group] F.S. Heathkit IG-102 Sig Gen

I've a nice G-102 sig gen for sale, it works, and is what you'd expect. No.. not museum quality.. but then these are working units. It is priced at $75 shipped to your door. (US only) Outside US you get to pay the shipping.Photos available. I have a digi manual, and they are available online. email direct please, before it goes to ebay. It does 100 kc to 110mhz. (It was made before hz came into fashion) and it can go to 220mc by using the harmonics.And it has an internal 400cycle osc for internal mod. (am) Please contact direct, soon.

4029. IARU Region 2 Seeks Input on HF Band Plan

Yahoo group: pfr3_group
Date: 2013-02-19 13:27:40 UTC
From: KU4GW Cliff
Topic: 4029 Message: 4029

The ARRL is seeking input to proposed band plan changes in the upcoming IARU convention in Mexico. Everyone needs to read the proposed changes, and voice any support or opposition as you see fit. The proposals can be seen here: http://www.arrl.org/news/iaru-region-2-seeks-input-on\ -hf-band-plan (http://www.arrl.org/news/iaru-region-2-seeks-input-on-hf-band-plan\) ITU Region 2 hams, especially CW and digital mode operators better be for submitting any comments quickly to oppose putting our 40 meter bandplan in step with either ITU region 1 or 3! There is a March 1st deadline for submitting comments! I have already submitted mine in opposition. Submit them ASAP to bandplan2013@... Other member nations of ITU Region 2 can get the contact info for their ITU go to person at http://www.iaru-r2.org/directory/ There is one change that concerns me deeply. Currently, 40M narrow band modes are used from 7,000 KHz to 7,125 KHz. The proposal is to cut this down to a 40 KHz section from 7,000 KHz to 7,040 KHz. Please get involved by voicing your opinion! Please share this information with all your amateur radio friends ASAP! Very 73/72 de KU4GW Cliff

4030. PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2013-02-21 18:08:00 UTC
From: Stan ae0sl
Topic: 938 Message: 4030

I wanted to offer my PFR-3 to this group for a few days before putting it on ebay at a higher price.

==========

I have a well-loved PFR-3 that is available for sale. It works perfectly and has been in a non-smoking home with just a few expeditions to local parks. I am a full-time QRP CW operator, but the PFR-3 has just been sitting on the shelf since I bought a KX3 in December.

There are minor imperfections in a couple of the decals, but I am including the second sheet of decals. I will part with this fine radio for $210 plus shipping charges of $12 using Paypal to stanleeson@.... If you pay with a money order or a check (with 10 day delay to let the check clear), I will discount the price by $10.

4031. Re: [pfr3_group] PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2013-02-21 19:06:14 UTC
From: ckwishmeier@...
Topic: 938 Message: 4031

Stan,

I will take this email to our club meeting tomorrow evening and see if any of the guys are interested in your PFR-3. The Black Widow is performing admirably. Love it.

Keith
WA9S

-----Original Message-----
From: Stan ae0sl <ae0sl@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Feb 21, 2013 1:08 pm
Subject: [pfr3_group] PFR-3 For Sale

I wanted to offer my PFR-3 to this group for a few days before putting it on ebay at a higher price.

==========

I have a well-loved PFR-3 that is available for sale. It works perfectly and has been in a non-smoking home with just a few expeditions to local parks. I am a full-time QRP CW operator, but the PFR-3 has just been sitting on the shelf since I bought a KX3 in December.

There are minor imperfections in a couple of the decals, but I am including the second sheet of decals. I will part with this fine radio for $210 plus shipping charges of $12 using Paypal to stanleeson@.... If you pay with a money order or a check (with 10 day delay to let the check clear), I will discount the price by $10.

4032. Re: [pfr3_group] PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2013-02-21 19:40:55 UTC
From: José María Valles Suárez
Topic: 938 Message: 4032

I buy your PFR3 for 210$ + 12$ by paypal and i pais shipping to Spain, by mail.
Thanks

Jose Maria

Enviado desde mi iPhone

El 21/02/2013, a las 19:08, "Stan ae0sl" <ae0sl@radioham.org> escribió:

> I wanted to offer my PFR-3 to this group for a few days before putting it on ebay at a higher price.
>
> ==========
>
> I have a well-loved PFR-3 that is available for sale. It works perfectly and has been in a non-smoking home with just a few expeditions to local parks. I am a full-time QRP CW operator, but the PFR-3 has just been sitting on the shelf since I bought a KX3 in December.
>
> There are minor imperfections in a couple of the decals, but I am including the second sheet of decals. I will part with this fine radio for $210 plus shipping charges of $12 using Paypal to stanleeson@hotmail.com. If you pay with a money order or a check (with 10 day delay to let the check clear), I will discount the price by $10.
>
>

4033. Re: PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2013-02-21 20:53:37 UTC
From: Stan ae0sl
Topic: 938 Message: 4033

Sorry, but I cannot ship the radio internationally.

--- In pfr3_group@yahoogroups.com, JosÃ© MarÃa Valles SuÃ¡rez <jmvalles28@...> wrote:
>
>
> I buy your PFR3 for 210$ + 12$ by paypal and i pais shipping to Spain, by mail.
> Thanks
>
> Jose Maria
>
> Enviado desde mi iPhone
>
> El 21/02/2013, a las 19:08, "Stan ae0sl" <ae0sl@...> escribiÃ³:
>
> > I wanted to offer my PFR-3 to this group for a few days before putting it on ebay at a higher price.
> >
> > ==========
> >
> > I have a well-loved PFR-3 that is available for sale. It works perfectly and has been in a non-smoking home with just a few expeditions to local parks. I am a full-time QRP CW operator, but the PFR-3 has just been sitting on the shelf since I bought a KX3 in December.
> >
> > There are minor imperfections in a couple of the decals, but I am including the second sheet of decals. I will part with this fine radio for $210 plus shipping charges of $12 using Paypal to stanleeson@... If you pay with a money order or a check (with 10 day delay to let the check clear), I will discount the price by $10.
> >
> >
>

4034. Dale in Wy.

Yahoo group: pfr3_group
Date: 2013-02-21 23:37:35 UTC
From: Thomas Whatley
Topic: 4034 Message: 4034

Please e-mail ki4fd@...

T, Bone

--

*"There are two ways to conquer and enslave a nation... *

* One is by sword... *

* The other is by debt." John Adams *

4035. Re: [pfr3_group] Re: PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2013-02-22 15:41:54 UTC
From: José María Valles Suárez
Topic: 938 Message: 4035

¿If you send to adress of New York?
Thanks
Enviado desde mi iPhone

El 21/02/2013, a las 21:53, "Stan ae0sl" <ae0sl@radioham.org> escribió:

> Sorry, but I cannot ship the radio internationally.
>
> --- In pfr3_group@yahoogroups.com, José María Valles Suárez wrote:
> >
> >
> > I buy your PFR3 for 210$ + 12$ by paypal and i pais shipping to Spain, by mail.
> > Thanks
> >
> > Jose Maria
> >
> > Enviado desde mi iPhone
> >
> > El 21/02/2013, a las 19:08, "Stan ae0sl" escribió:
> >
> > > I wanted to offer my PFR-3 to this group for a few days before putting it on ebay at a higher price.
> > >
> > > ==========
> > >
> > > I have a well-loved PFR-3 that is available for sale. It works perfectly and has been in a non-smoking home with just a few expeditions to local parks. I am a full-time QRP CW operator, but the PFR-3 has just been sitting on the shelf since I bought a KX3 in December.
> > >
> > > There are minor imperfections in a couple of the decals, but I am including the second sheet of decals. I will part with this fine radio for $210 plus shipping charges of $12 using Paypal to stanleeson@... If you pay with a money order or a check (with 10 day delay to let the check clear), I will discount the price by $10.
> > >
> > >
> > >
>
>

4036. Re: PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2013-02-22 21:40:13 UTC
From: Stan ae0sl
Topic: 938 Message: 4036

I would gladly ship to New York it you can send $210 + $12 shipping to my "stanleeson@..." PayPal account. Just provide a shipping address in the PayPal comments.

Thank you.

--- In pfr3_group@yahoogroups.com, JosÃ© MarÃa Valles SuÃ¡rez <jmvalles28@...> wrote:
>
> Â¿If you send to adress of New York?
> Thanks
> Enviado desde mi iPhone
>
> El 21/02/2013, a las 21:53, "Stan ae0sl" <ae0sl@...> escribiÃ³:
>
> > Sorry, but I cannot ship the radio internationally.
> >
> > --- In pfr3_group@yahoogroups.com, JosÃ© MarÃa Valles SuÃ¡rez wrote:
> > >
> > >
> > > I buy your PFR3 for 210$ + 12$ by paypal and i pais shipping to Spain, by mail.
> > > Thanks
> > >
> > > Jose Maria
> > >
> > > Enviado desde mi iPhone
> > >
> > > El 21/02/2013, a las 19:08, "Stan ae0sl" escribiÃ³:
> > >
> > > > I wanted to offer my PFR-3 to this group for a few days before putting it on ebay at a higher price.
> > > >
> > > > ==========
> > > >
> > > > I have a well-loved PFR-3 that is available for sale. It works perfectly and has been in a non-smoking home with just a few expeditions to local parks. I am a full-time QRP CW operator, but the PFR-3 has just been sitting on the shelf since I bought a KX3 in December.
> > > >
> > > > There are minor imperfections in a couple of the decals, but I am including the second sheet of decals. I will part with this fine radio for $210 plus shipping charges of $12 using Paypal to stanleeson@ If you pay with a money order or a check (with 10 day delay to let the check clear), I will discount the price by $10.
> > > >
> > > >
> > >
> >

> >
>

4037. Re: PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2013-02-23 16:06:06 UTC
From: Stan ae0sl
Topic: 938 Message: 4037

The PFR-3 has been sold.

4038. RE: [QRP-L] Recommendation wanted: Best simple 40M QRP kit/project with VFO

Yahoo group: pfr3_group
Date: 2013-02-28 03:10:43 UTC
From: Dale Putnam
Topic: 4038 Message: 4038

There is a whole lot of air time spent attempting to attain "THE BEST".... one of these.. or those. Now.. with the understanding that "THE BEST" is a personal preference sort of thing. There are ways to measure the ability of this radio, or that radio.. to ascertain which does a specific task best.. as measured...this way... with this equipment, that is NIST traceable standard. Most folks don't want to do that type or detailed a process to measure "THE BEST". So... that being said, I will put it this way.I have measured a large number of QRPkits and KD1JV kits, and Elecraft kits.Each has its own footprint, and each holds its own in its own special way. IF I had to pick a particular rx... that hears the most sensitive, with the least amount of background noise or noise floor.Specifics please.... The MDS ... from the KD1JV kits will usually come out better by a db or maybe two over the more sophisticated radios. HOWEVER.. the KD1JV designs rely upon an effective xtal filter to keep the audio controlled when the band is crowded. The K1, K2 Elecraft radios utilize a whole lot more than that.. and it really is unfair to compare a multi hundred dollar radio to one that prices very nearly a single hundred dollar bill. Yet... you will be surprised, by the amount of contacts you can make with the radio that you got for $100 or so, if it is a KD1JV design, or one from QRPkits. Now, to be fair, I haven't measured enough of the "other" kits to make a full blown side by side comparison... if some one wants to see that... I intend to keep the specs and will present that at a later date. I think I would prefer a TriBander.. or PFR3.. for the field work, unless I am cramped for space or weight.. then the MTR or ATS series jump to the front, and usually into the pocket. The new Survivor, hasn't been tested.. but the lineage suggests it will be a player to contend with. Is anyone interested in deeper more specific details? I may be able to present something like that, later.. with more radios to average in, it becomes more valuable.

Have a great day,

--... ...--
Dale - WC7S in Wy

> Date: Wed, 27 Feb 2013 18:54:34 -0800
> From: jmlowman@sbcglobal.net
> To: qrp-l@...
> Subject: Re: [QRP-L] Recommendation wanted: Best simple 40M QRP kit/project with VFO
>
> That said, I do have to put in a good word for my friend, Doug
> Hendricks, with his kits at qrpkits.com
> The manuals are downloadable, and the instructions are very much as good
> as the Heathkit manuals of days gone by.
>
> 72/73 de Jim - AD6CW
>
> On 2/27/2013 6:39 PM, Brian wrote:
> > Jim,

> >
> > Nail on the head. That radio with that book is a winning combo. The
> > book is about $25 used on Amazon if frugality is a must.
> >
> > I just realized my NC40A is 15 years old now...I built it in 1998...so
> > I got it out and fired it up and just had a nice 15 minute CW QSO with
> > it...pumping out all of 1 watt to the attic dipole. It's the rig I
> > started my CW QRP journey with and the first radio I ever built.
> > Works good, lasts long time.
> >
> > 72 de KB9BVN
>
> _____
> QRP-L mailing list
> Home: http://mailman.qth.net/mailman/listinfo/qrp-l
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:QRP-L@...
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html

4039. Re: [pfr3_group] RE: [QRP-L] Recommendation wanted: Best simple 40M QRP kit/project with VFO

Yahoo group: pfr3_group
Date: 2013-02-28 04:08:22 UTC
From: Lee Mairs (SAG)
Topic: 4038 Message: 4039

IMHO, the best QRP radio is the one that your built from scratch from the ground up. In my case it is one of Jim Kortge's designs - the 2N2-40.

Building it was the greatest accomplishment in my amateur radio career. te receiver is so quiet that for several days I thought it wasn't working, it was so quiet. Then I tuned acrtoss a booming DX signal form Germany, and darn near had a stroke!

I have several QRP radios including the PFR3, and the Weber Tri-Bander from QRP kits, an ATS-1 residing in its Altoids can, and I think all of the products put out by SWL. Trying to optimize your radio ex ante is extremely costly, you just miss too much fun agonizing over the differences, Just pick one and go fer it! I have far more fun with my little QRP rigs than I dow with my big station built around the IC-781.
73 de Lee

On 2/27/2013 10:10 PM, Dale Putnam wrote:
>
>
> There is a whole lot of air time spent attempting to attain "THE BEST"....
> one of these.. or those. Now.. with the understanding that "THE BEST" is a
> personal preference sort of thing. There are ways to measure the ability of
> this radio, or that radio.. to ascertain which does a specific task best..
> as measured...
> this way... with this equipment, that is NIST traceable standard.
> Most folks don't want to do that type or detailed a process to measure
> "THE BEST".
>
> So... that being said, I will put it this way.
> I have measured a large number of QRPkits and KD1JV kits, and Elecraft kits.
> Each has its own footprint, and each holds its own in its own special way.
>
> IF I had to pick a particular rx... that hears the most sensitive, with
> the least amount of background noise or noise floor.
> Specifics please.... The MDS ... from the KD1JV kits will usually come out
> better by a db or maybe two over the more sophisticated
> radios. HOWEVER.. the KD1JV designs rely upon an effective xtal filter to
> keep the audio controlled when the band is crowded.
> The K1, K2 Elecraft radios utilize a whole lot more than that.. and it
> really is unfair to compare a multi hundred dollar radio to
> one that prices very nearly a single hundred dollar bill. Yet... you will
> be surprised, by the amount of contacts you can make with
> the radio that you got for $100 or so, if it is a KD1JV design, or one
> from QRPkits. Now, to be fair, I haven't measured enough of the

> "other" kits to make a full blown side by side comparison... if some one
> wants to see that... I intend to keep the specs and will present
> that at a later date.
> I think I would prefer a TriBander.. or PFR3.. for the field work,
> unless I am cramped for space or weight.. then the MTR or ATS series jump
> to the front, and usually into the pocket. The new Survivor, hasn't been
> tested.. but the lineage suggests it will be a player to contend with.
>
> Is anyone interested i! n deeper more specific details? I may be able to
> present something like that, later.. with more radios to average in, it
> becomes
> more valuable.
>
> Have a great day,
>
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
> > Date: Wed, 27 Feb 2013 18:54:34 -0800
> > From: jmlowman@...
> > To: qrp-l@...
> > Subject: Re: [QRP-L] Recommendation wanted: Best simple 40M QRP
> kit/project with VFO
> >
> > That said, I do have to put in a good word for my friend, Doug
> > Hendricks, with his kits at qrpkits.com
> > The manuals are downloadable, and the instructions are very much as good
> > as the Heathkit manuals of days gone by.
> >
> > 72/73 de Jim - AD6CW
> >
> > On 2/27/2013 6:39 PM, Brian wrote:
> > > Jim,
> > >
> > > Nail on the head. That radio with that book is a winning combo. The
> > > book is about $25 used on Amazon if frugality is a must.
> > >
> > > I just realized my NC40A is 15 years old now...I built it in 1998...so
> > > I got it out and fired it up and just had a nice 15 minute CW QSO with
> > > it...pumping out all of 1 watt to the attic dipole. It's the rig I
> > > started my CW QRP journey with and the first radio I ever built.
> > > Works good, lasts long time.
> > >
> > > 72 de KB9BVN
> >
> > _____
> > QRP-L mailing list

> > Home: http://mailman.qth.net/mailman/listinfo/qrp-l
> > Help: http://mailman.qth.net/mmfaq.htm
> > Post: mailto:QRP-L@...
> >
> > This list hosted by: http://www.qsl.net
> > Please help support this email list: http://www.qsl.net/donate.html
>
>
>

4040. Re: [pfr3_group] RE: [QRP-L] Recommendation wanted: Best simple 40M QRP kit/project with VFO

Yahoo group: pfr3_group
Date: 2013-02-28 04:16:17 UTC
From: Jed Petrovich
Topic: 4038 Message: 4040

Dale:

This is very interesting and I appreciate your write-up. Sounds like you put a lot of work into this analysis. Realizing this all takes time, it would be nice to see more on this subject. Of course, as your time allows.

I have a K3 and PFR-3a and have very much enjoyed using both radios for different reasons. Love the simple workings of the PFR-3a and the ease of going portable. I do use a "full size" key, but other than that, the PFR is so easy to take on outings. Both radios were kits... However, soldering a kit like the PFR and seeing it "come alive" as each stage is completed is very satisfying. I did enjoy assembling the K3 and it provided confidence to perform future upgrades.

73,

Jed
AD7KG

On Wed, Feb 27, 2013 at 8:10 PM, Dale Putnam <daleputnam@...> wrote:

> **
>
>
> There is a whole lot of air time spent attempting to attain "THE BEST"....
> one of these.. or those. Now.. with the understanding that "THE BEST" is a
> personal preference sort of thing. There are ways to measure the ability
> of
> this radio, or that radio.. to ascertain which does a specific task best..
> as measured...
> this way... with this equipment, that is NIST traceable standard.
> Most folks don't want to do that type or detailed a process to measure
> "THE BEST".
>
> So... that being said, I will put it this way.
> I have measured a large number of QRPkits and KD1JV kits, and Elecraft
> kits.
> Each has its own footprint, and each holds its own in its own special way.
>
> IF I had to pick a particular rx... that hears the most sensitive, with
> the least amount of background noise or noise floor.
> Specifics please.... The MDS ... from the KD1JV kits will usually come out
> better by a db or maybe two over the more sophisticated
> radios. HOWEVER.. the KD1JV designs rely upon an effective xtal filter to
> keep the audio controlled when the band is crowded.

> The K1, K2 Elecraft radios utilize a whole lot more than that.. and it
> really is unfair to compare a multi hundred dollar radio to
> one that prices very nearly a single hundred dollar bill. Yet... you will
> be surprised, by the amount of contacts you can make with
> the radio that you got for $100 or so, if it is a KD1JV design, or one
> from QRPkits. Now, to be fair, I haven't measured enough of the
> "other" kits to make a full blown side by side comparison... if some one
> wants to see that... I intend to keep the specs and will present
> that at a later date.
> I think I would prefer a TriBander.. or PFR3.. for the field work,
> unless I am cramped for space or weight.. then the MTR or ATS series jump
> to the front, and usually into the pocket. The new Survivor, hasn't been
> tested.. but the lineage suggests it will be a player to contend with.
>
> Is anyone interested in deeper more specific details? I may be able to
> present something like that, later.. with more radios to average in, it
> becomes
> more valuable.
>
> Have a great day,
>
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
> > Date: Wed, 27 Feb 2013 18:54:34 -0800
> > From: jmlowman@sbcglobal.net
> > To: qrp-l@...
> > Subject: Re: [QRP-L] Recommendation wanted: Best simple 40M QRP
> kit/project with VFO
> >
> > That said, I do have to put in a good word for my friend, Doug
> > Hendricks, with his kits at qrpkits.com
> > The manuals are downloadable, and the instructions are very much as good
> > as the Heathkit manuals of days gone by.
> >
> > 72/73 de Jim - AD6CW
> >
> > On 2/27/2013 6:39 PM, Brian wrote:
> > > Jim,
> > >
> > > Nail on the head. That radio with that book is a winning combo. The
> > > book is about $25 used on Amazon if frugality is a must.
> > >
> > > I just realized my NC40A is 15 years old now...I built it in 1998...so
> > > I got it out and fired it up and just had a nice 15 minute CW QSO with
> > > it...pumping out all of 1 watt to the attic dipole. It's the rig I
> > > started my CW QRP journey with and the first radio I ever built.

> > > Works good, lasts long time.
> > >
> > > 72 de KB9BVN
> >
> > _____
> > QRP-L mailing list
> > Home: http://mailman.qth.net/mailman/listinfo/qrp-l
> > Help: http://mailman.qth.net/mmfaq.htm
> > Post: mailto:QRP-L@...
> >
> > This list hosted by: http://www.qsl.net
> > Please help support this email list: http://www.qsl.net/donate.html
>
>
>

4041. Re: [QRP-L] Recommendation wanted: Best simple 40M QRP kit/project with VFO

Yahoo group: pfr3_group
Date: 2013-02-28 14:27:32 UTC
From: chubso81
Topic: 4038 Message: 4041

As has been said, each has their own preferences as to what makes one rig better than another. Although I have a K2 which I use quite frequently, 200ma receive current is a significant amount of current from a battery and a few solar panels.

The PFR3 is much better and if you can get one of the SW series rigs and replace the amplifier with the recommended upgrade, you can get down to 20ma or so of receive current. Batteries last a lot longer at 20 or 40ma receive than 150 or 200 ma.

My 2 cents

72, JP, K8AG

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
> There is a whole lot of air time spent attempting to attain "THE BEST".... one of these.. or those. Now.. with the understanding that "THE BEST" is a personal preference sort of thing. There are ways to measure the ability of this radio, or that radio.. to ascertain which does a specific task best.. as measured...this way... with this equipment, that is NIST traceable standard. Most folks don't want to do that type or detailed a process to measure "THE BEST". So... that being said, I will put it this way.I have measured a large number of QRPkits and KD1JV kits, and Elecraft kits.Each has its own footprint, and each holds its own in its own special way. IF I had to pick a particular rx... that hears the most sensitive, with the least amount of background noise or noise floor.Specifics please.... The MDS ... from the KD1JV kits will usually come out better by a db or maybe two over the more sophisticated radios. HOWEVER.. the KD1JV designs rely upon an effective xtal filter to keep the audio controlled when the band is crowded. The K1, K2 Elecraft radios utilize a whole lot more than that.. and it really is unfair to compare a multi hundred dollar radio to one that prices very nearly a single hundred dollar bill. Yet... you will be surprised, by the amount of contacts you can make with the radio that you got for $100 or so, if it is a KD1JV design, or one from QRPkits. Now, to be fair, I haven't measured enough of the "other" kits to make a full blown side by side comparison... if some one wants to see that... I intend to keep the specs and will present that at a later date. I think I would prefer a TriBander.. or PFR3.. for the field work, unless I am cramped for space or weight.. then the MTR or ATS series jump to the front, and usually into the pocket. The new Survivor, hasn't been tested.. but the lineage suggests it will be a player to contend with. Is anyone interested in deeper more specific details? I may be able to present something like that, later.. with more radios to average in, it becomes more valuable.
>
> Have a great day,
>
>
> --... ...--
> Dale - WC7S in Wy
>

>
>
> > Date: Wed, 27 Feb 2013 18:54:34 -0800
> > From: jmlowman@...
> > To: qrp-l@...
> > Subject: Re: [QRP-L] Recommendation wanted: Best simple 40M QRP kit/project with VFO
> >
> > That said, I do have to put in a good word for my friend, Doug
> > Hendricks, with his kits at qrpkits.com
> > The manuals are downloadable, and the instructions are very much as good
> > as the Heathkit manuals of days gone by.
> >
> > 72/73 de Jim - AD6CW
> >
> > On 2/27/2013 6:39 PM, Brian wrote:
> > > Jim,
> > >
> > > Nail on the head. That radio with that book is a winning combo. The
> > > book is about $25 used on Amazon if frugality is a must.
> > >
> > > I just realized my NC40A is 15 years old now...I built it in 1998...so
> > > I got it out and fired it up and just had a nice 15 minute CW QSO with
> > > it...pumping out all of 1 watt to the attic dipole. It's the rig I
> > > started my CW QRP journey with and the first radio I ever built.
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> > _____
> > QRP-L mailing list
> > Home: http://mailman.qth.net/mailman/listinfo/qrp-l
> > Help: http://mailman.qth.net/mmfaq.htm
> > Post: mailto:QRP-L@...
> >
> > This list hosted by: http://www.qsl.net
> > Please help support this email list: http://www.qsl.net/donate.html
>

4042. Re: [pfr3_group] RE: [QRP-L] Recommendation wanted: Best simple 40M QRP kit/project with VFO

Yahoo group: pfr3_group
Date: 2013-02-28 14:37:15 UTC
From: Ray Smith
Topic: 4038 Message: 4042

Hello All,
I too agree there is more than radio performance, they all seem to be in comparison within a certain price range. However the kit i built (PFR-3) is very speacial to me es enjoyed performing testing along the way, a great learning exp. fer me. i also like the idea of using one antenna (the Lamda wire) for all 3 bands. One of my favorite qrp rigs is an MFJ-9440X wid cw module, rock solid 10 wts ssb 5 wts cw, need to tune up and aligien, simple es get to use some equip. only 40 meters but the whole band. fits in a back pack fb.
--... ...--
Ray "KG0V"

4043. Prf-3 KIT

Yahoo group: pfr3_group
Date: 2013-02-28 16:41:57 UTC
From: Luis LU4HK
Topic: 4043 Message: 4043

Hi, the PRF-3 Kit is availablea?
Thanks
Luis LU4HK
Agrimensor Luis R. Galina Cel. 0351-156423120
PIN BlackBerry 2A5B6AC7

4044. Re: [pfr3_group] Prf-3 KIT

Yahoo group: pfr3_group
Date: 2013-02-28 16:44:14 UTC
From: jaevans@...
Topic: 4043 Message: 4044

Yes, check out http://qrpkits.com/pfr3.html

73 - john - n0hj

> Hi, the PRF-3 Kit is availablea?
> Thanks
> Luis LU4HK
> Agrimensor Luis R. Galina Cel. 0351-156423120

This message was sent using Endymion MailMan.
http://www.endymion.com/products/mailman/

4045. http://camelottheatre.com/blog-back/wp-content/themes/FastTrack/omcvw.html

Yahoo group: pfr3_group
Date: 2013-03-01 17:33:58 UTC
From: Bart Faes
Topic: 4045 Message: 4045

http://xplored.com/play/fxluz.html

4046. Re: [QRP-L] Recommendation wanted: Best simple 40M QRP kit/project with VFO

Yahoo group: pfr3_group
Date: 2013-03-02 21:29:02 UTC
From: k6mgo@verizon.net
Topic: 4038 Message: 4046

Dale,

I for one would enjoy seeing your comparison chart of some of the other QRP rigs. I have my PFR3A and am tickled pink with it and have had a NORCAL 20 which I converted to 40m with Dave's help, and two 817nd's and two K1-4's not to mention two 706's, (mark I and 2) FT-857D and a K2/10 and K3/100 (now).

Tnx, de k6mgo, Bill

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
> There is a whole lot of air time spent attempting to attain "THE BEST".... one of these.. or those. Now.. with the understanding that "THE BEST" is a personal preference sort of thing. There are ways to measure the ability of this radio, or that radio.. to ascertain which does a specific task best.. as measured...this way... with this equipment, that is NIST traceable standard. Most folks don't want to do that type or detailed a process to measure "THE BEST". So... that being said, I will put it this way.I have measured a large number of QRPkits and KD1JV kits, and Elecraft kits.Each has its own footprint, and each holds its own in its own special way. IF I had to pick a particular rx... that hears the most sensitive, with the least amount of background noise or noise floor.Specifics please.... The MDS ... from the KD1JV kits will usually come out better by a db or maybe two over the more sophisticated radios. HOWEVER.. the KD1JV designs rely upon an effective xtal filter to keep the audio controlled when the band is crowded. The K1, K2 Elecraft radios utilize a whole lot more than that.. and it really is unfair to compare a multi hundred dollar radio to one that prices very nearly a single hundred dollar bill. Yet... you will be surprised, by the amount of contacts you can make with the radio that you got for $100 or so, if it is a KD1JV design, or one from QRPkits. Now, to be fair, I haven't measured enough of the "other" kits to make a full blown side by side comparison... if some one wants to see that... I intend to keep the specs and will present that at a later date. I think I would prefer a TriBander.. or PFR3.. for the field work, unless I am cramped for space or weight.. then the MTR or ATS series jump to the front, and usually into the pocket. The new Survivor, hasn't been tested.. but the lineage suggests it will be a player to contend with. Is anyone interested in deeper more specific details? I may be able to present something like that, later.. with more radios to average in, it becomes more valuable.
>
> Have a great day,
>
>
> --... ...--
> Dale - WC7S in Wy
>
>
>

4047. Need help

Yahoo group: pfr3_group
Date: 2013-03-03 14:22:31 UTC
From: Dwayne Geary
Topic: 4047 Message: 4047

Is there a member in upstate Ny Utica or Rome

thanks Dwayne
Kc2vrw

4048. RE: [pfr3_group] Need help

Yahoo group: pfr3_group
Date: 2013-03-03 14:25:04 UTC
From: Dale Putnam
Topic: 4047 Message: 4048

Is there anything I can do to help Dwayne? I know Wy.. is a far piece from Ny... but one never knows, until asked.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: kc2vrw@yahoo.com
Date: Sun, 3 Mar 2013 14:22:31 +0000
Subject: [pfr3_group] Need help

Is there a member in upstate Ny Utica or Rome

thanks Dwayne

Kc2vrw

4049. Re: Need help

Yahoo group: pfr3_group
Date: 2013-03-03 19:52:54 UTC
From: Dwayne Geary
Topic: 4047 Message: 4049

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
> Is there anything I can do to help Dwayne? I know Wy.. is a far piece from Ny... but one never knows, until asked.
>
> Have a great day,
>
>
> --... ...--
> Dale - WC7S in Wy
Thanks Dale
What I need is fq. Counter and scope for cal long drive to Wy
>
>
>
> To: pfr3_group@yahoogroups.com
> From: kc2vrw@...
> Date: Sun, 3 Mar 2013 14:22:31 +0000
> Subject: [pfr3_group] Need help
>
>
>

> Is there a member in upstate Ny Utica or Rome
>
>
>
> thanks Dwayne
>
> Kc2vrw
>

4050. RE: [pfr3_group] Re: Need help

Yahoo group: pfr3_group
Date: 2013-03-03 21:00:42 UTC
From: Dale Putnam
Topic: 4047 Message: 4050

Yep, it is a long drive for a calibration.Tell you what tho... that will pop into a priority flat rate small box, and ship for about 8 or so...I'll calibrate it, and check the operation of it... make a spec sheet for it... then send it back.Won't take very long either, so for less than 20, you can have it all calibrated and ready to run...

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: kc2vrw@yahoo.com
Date: Sun, 3 Mar 2013 19:52:54 +0000
Subject: [pfr3_group] Re: Need help

--- In pfr3_group@yahoogroups.com, Dale Putnam wrote:

>

> Is there anything I can do to help Dwayne? I know Wy.. is a far piece from Ny... but one never knows, until asked.

>

> Have a great day,

>

>

> --... ...--

> Dale - WC7S in Wy

Thanks Dale

What I need is fq. Counter and scope for cal long drive to Wy

>

>

>

> To: pfr3_group@yahoogroups.com

> From: kc2vrw@...

> Date: Sun, 3 Mar 2013 14:22:31 +0000

> Subject: [pfr3_group] Need help

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> Is there a member in upstate Ny Utica or Rome

>

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>

> thanks Dwayne

>

> Kc2vrw

>

4051. Re: [pfr3_group] Re: Need help

Yahoo group: pfr3_group
Date: 2013-03-03 22:30:31 UTC
From: Dwayne Geary
Topic: 4047 Message: 4051

thanks Dale will do as soon as I have the transmitter section done

Dwayne kc2vrw@...

4052. RE: [pfr3_group] Re: Need help

Yahoo group: pfr3_group
Date: 2013-03-04 02:42:20 UTC
From: Dale Putnam
Topic: 4047 Message: 4052

Hey Dave, How about this.. go on and finish the rest of it. Then it will be somewhat more protected in the shipping.. but you can leave off the knobs and extentions. They stick up too high for a flat rate box to fit comfortable.Then I can check all of it.. at the same time, k?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: daleputnam@...; pfr3_group@yahoogroups.com
From: kc2vrw@...
Date: Sun, 3 Mar 2013 14:30:31 -0800
Subject: Re: [pfr3_group] Re: Need help

thanks Dale will do as soon as I have the transmitter section done

Dwayne kc2vrw@...

From:

Dale Putnam <daleputnam@...>;

To:

pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com>;

Subject:

RE: [pfr3_group] Re: Need help

Sent:

Sun, Mar 3, 2013 9:00:42 PM

Yep, it is a long drive for a calibration.
Tell you what tho... that will pop into a priority flat rate small box, and ship for about 8 or so...
I'll calibrate it, and check the operation of it... make a spec sheet for it... then send it back.
Won't take very long either, so for less than 20, you can have it all calibrated and ready to run...

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: kc2vrw@...
Date: Sun, 3 Mar 2013 19:52:54 +0000
Subject: [pfr3_group] Re: Need help

--- In pfr3_group@yahoogroups.com, Dale Putnam wrote:

>

> Is there anything I can do to help Dwayne? I know Wy.. is a far piece from Ny... but one never knows, until asked.

>

> Have a great day,

>

>

> --... ...--

> Dale - WC7S in Wy

Thanks Dale

What I need is fq. Counter and scope for cal long drive to Wy

>

>

>

> To: pfr3_group@yahoogroups.com

> From: kc2vrw@...

> Date: Sun, 3 Mar 2013 14:22:31 +0000

> Subject: [pfr3_group] Need help

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> Is there a member in upstate Ny Utica or Rome

>

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>

> thanks Dwayne

>

> Kc2vrw

>

4053. Hunt in the 40 acre woods!

Yahoo group: pfr3_group
Date: 2013-03-11 18:05:04 UTC
From: Dale Putnam
Topic: 4053 Message: 4053

The 40 acre hunt with NK6A and N0UR, Don and Jim, as Foxii will begin Tueday evening (local time) at the same local time as always.. so set your zulu alarm clock to wake the zulu folks at 0100. That way they won't be late (r). ;-) Good Luck to each and every one of us hounds.. and of course to the two FOXii...
May the Props be EVER in YOUR favor!!

--... ...--
Dale - WC7S in Wy

4055. Re: PFR-3 for sale

Yahoo group: pfr3_group
Date: 2013-03-16 19:59:14 UTC
From: Keith Hamilton
Topic: 4054 Message: 4055

Sorry I do not have paddles to sell with my PFR-3.

Keith N8CEP

--- In pfr3_group@yahoogroups.com, "Keith Hamilton" <tuner@...> wrote:
>
> I am going to sell my PFR-3 soon. If anyone on the list is interested let me know before I post it elsewhere.
>
> It was carefully assembled. It is operating FB. It has the new silk screened case.
>
> Will sell to someone here on this list for $270 shipped to your US address via USPS medium flat rate priority mail box.
>
> Please email tuner@... OFF LIST please.
>
> Keith N8CEP
>

4056. PFR-3 parts

Yahoo group: pfr3_group
Date: 2013-03-20 10:38:15 UTC
From: Matthew Shipley
Topic: 4053 Message: 4056

Dale,
Ive been really busy lately.I was looking over the parts list.Looks like I need a 47 Cap (I have a 4.7 in place) and a 470 pfd cap (471) as well as the wound toroids if there still availible.I will mail my toroids/wire to you.Thanks for all your help.Matt KG4IZS

From: Dale Putnam <daleputnam@...>
To: "qfox@yahoogroups.com" <qfox@yahoogroups.com>; "qrp-l@..." <qrp-l@...>; "4sqrp@yahoogroups.com" <4sqrp@yahoogroups.com>; AT Sprint <at_sprint@yahoogroups.com>; "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>; "elecraft@..." <elecraft@...>
Sent: Monday, March 11, 2013 2:05 PM
Subject: [pfr3_group] Hunt in the 40 acre woods!

The 40 acre hunt with NK6A and N0UR, Don and Jim, as Foxii will begin Tueday evening (local time) at the same local time as always.. so set your zulu alarm clock to wake the zulu folks at 0100. That way they won't be late (r). ;-) Good Luck to each and every one of us hounds.. and of course to the two FOXii... May the Props be EVER in YOUR favor!! --... ...-- Dale - WC7S in Wy

4057. RE: [pfr3_group] PFR-3 parts

Yahoo group: pfr3_group
Date: 2013-03-20 13:43:28 UTC
From: Dale Putnam
Topic: 4053 Message: 4057

Hi Matt, Ok.. just for my double check, can you tell me what the two caps are .. Cxx number on the parts list or schematic? The 471 that you have (?) is the 470 that is referred to, I believe. the toroids, will be headed out to you shortly, as soon as I get straight with the caps. What address should they ship to?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: mshipley2@...
Date: Wed, 20 Mar 2013 03:38:15 -0700
Subject: [pfr3_group] PFR-3 parts

Dale,
Ive been really busy lately.I was looking over the parts list.Looks like I need a 47 Cap (I have a 4.7 in place) and a 470 pfd cap (471) as well as the wound toroids if there still availible.I will mail my toroids/wire to you.Thanks for all your help.Matt KG4IZS

From: Dale Putnam <daleputnam@...>
To: "qfox@yahoogroups.com" <qfox@yahoogroups.com>; "qrp-l@..." <qrp-l@...>; "4sqrp@yahoogroups.com" <4sqrp@yahoogroups.com>; AT Sprint <at_sprint@yahoogroups.com>; "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>; "elecraft@..." <elecraft@...>
Sent: Monday, March 11, 2013 2:05 PM
Subject: [pfr3_group] Hunt
in the 40 acre woods!

The 40 acre hunt with NK6A and N0UR, Don and Jim, as Foxii will begin Tueday evening (local time) at the same local time as always.. so set your zulu alarm clock to wake the zulu folks at 0100. That way they won't be late (r). ;-) Good Luck to each and every one of us hounds.. and of course to the two FOXii... May the Props be EVER in YOUR favor!! --... ...-- Dale - WC7S in Wy

4058. Re: [pfr3_group] PFR-3 parts

Yahoo group: pfr3_group
Date: 2013-03-20 14:44:47 UTC
From: Matthew Shipley
Topic: 4053 Message: 4058

Dale,
I will email you with specifics and my address this evening.Glad you didnt use my QRZ address because I need to update it.
Thanks alot,Matt

From: Dale Putnam <daleputnam@hotmail.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Wednesday, March 20, 2013 9:43 AM
Subject: RE: [pfr3_group] PFR-3 parts

Hi Matt, Ok.. just for my double check, can you tell me what the two caps are .. Cxx number on the parts list or schematic? The 471 that you have (?) is the 470 that is referred to, I believe. the toroids, will be headed out to you shortly, as soon as I get straight with the caps. What address should they ship to?Have a great day, --... ...-- Dale - WC7S in Wy

---
To: pfr3_group@yahoogroups.comFrom: mshipley2@...: Wed, 20 Mar 2013 03:38:15 -0700Subject: [pfr3_group] PFR-3 parts
Dale,
Ive been really busy lately.I was looking over the parts list.Looks like I need a 47 Cap (I have a 4.7 in place) and a 470 pfd cap (471) as well as the wound toroids if there still availible.I will mail my toroids/wire to you.Thanks for all your help.Matt KG4IZS

From: Dale Putnam <daleputnam@...>
To: "qfox@yahoogroups.com" <qfox@yahoogroups.com>; "qrp-l@..." <qrp-l@....net>; "4sqrp@yahoogroups.com" <4sqrp@yahoogroups.com>; AT Sprint <at_sprint@yahoogroups.com>; "pfr3_group@yahoogroups.com" <pfr3_group@...m>; "elecraft@..." <elecraft@...>
Sent: Monday, March 11, 2013 2:05 PM
Subject: [pfr3_group] Hunt in the 40 acre woods!

The 40 acre hunt with NK6A and N0UR, Don and Jim, as Foxii will begin Tueday evening (local time) at the same local time as always.. so set your zulu alarm clock to wake the zulu folks at 0100. That way they won't be late (r). ;-) Good Luck to each and every one of us hounds.. and of course to the two FOXii... May the Props be EVER in YOUR favor!! --... ...-- Dale - WC7S in Wy

4059. Re: [pfr3_group] PFR-3 parts

Yahoo group: pfr3_group
Date: 2013-03-20 23:11:25 UTC
From: Matthew Shipley
Topic: 4053 Message: 4059

Dale,
Looks like the parts I need are a 47 cap for C45 and a 470 PFD Disk Cap (471) for pins 3,4 of U3.
Let me know if you need anymore details.Thanks,Matt

From: Dale Putnam <daleputnam@...>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Wednesday, March 20, 2013 9:43 AM
Subject: RE: [pfr3_group] PFR-3 parts

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To: "qfox@...m" <qfox@yahoogroups.com>; "qrp-l@..." <qrp-l@...>; "4sqrp@yahoogroups.com" <4sqrp@yahoogroups.com>; AT Sprint <at_sprint@yahoogroups.com>; "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>; "elecraft@..." <elecraft@...>
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--... ...-- Dale - WC7S in Wy

4060. Address

Yahoo group: pfr3_group
Date: 2013-03-20 23:15:22 UTC
From: Matthew Shipley
Topic: 4053 Message: 4060

Matt Shipley
15815 Larkspur St
Orlando,Fl 32828

From: Dale Putnam <daleputnam@...>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Wednesday, March 20, 2013 9:43 AM
Subject: RE: [pfr3_group] PFR-3 parts

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4061. RE: [pfr3_group] PFR-3 parts

Yahoo group: pfr3_group
Date: 2013-03-22 00:28:24 UTC
From: Dale Putnam
Topic: 4053 Message: 4061

Hey Hi Matt, Are you looking for every toroid? Or just the band toroids? Doesn't matter to me.. just want to make sure all that you need are in the envelope... k?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: mshipley2@...
Date: Wed, 20 Mar 2013 16:11:25 -0700
Subject: Re: [pfr3_group] PFR-3 parts

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...-- Dale - WC7S in Wy

4062. Re: [pfr3_group] PFR-3 parts

Yahoo group: pfr3_group
Date: 2013-03-22 11:28:36 UTC
From: Matthew Shipley
Topic: 4053 Message: 4062

All of them would be great if im not asking for too much.Thanks Dale

---
From: Dale Putnam <daleputnam@...>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Thursday, March 21, 2013 8:28 PM
Subject: RE: [pfr3_group] PFR-3 parts

Hey Hi Matt, Are you looking for every toroid? Or just the band toroids? Doesn't matter to me.. just want to make sure all that you need are in the envelope... k?Have a great day,
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4063. RE: [pfr3_group] PFR-3 parts

Yahoo group: pfr3_group
Date: 2013-03-22 12:41:49 UTC
From: Dale Putnam
Topic: 4053 Message: 4063

Nope not asking too much at all.. I just wanted to be sure that I put what you needed in. The envelope should be in the mail today.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: mshipley2@...
Date: Fri, 22 Mar 2013 04:28:36 -0700
Subject: Re: [pfr3_group] PFR-3 parts

All of them would be great if im not asking for too much.Thanks Dale

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To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
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4064. Older PFR3 kit instructions, errata, etc.

Yahoo group: pfr3_group
Date: 2013-03-22 15:59:58 UTC
From: zigmundrat
Topic: 4064 Message: 4064

Hi all-

I've acquired an older PFR3 kit, which appears to be complete and all, but I do not have assembly instructions or errata. The current docs on the website are all labeled PFR3A, and I don't think they apply. The circuit board itself is silk screened Rev A 2/9/08. That's really all the identification I have. I think this means it's a first run kit, not a Rev B, or a 3A. Assuming that it's a real Rev A, I have looked in the message archives here, but just want to double check things.

I did some Googling around and found various manuals, and also the Rev B.2 manual (9/22/08) in the files section. I assume the B.2 manual is the best to use, but would like to verify. I also found Steve's note to the QRP-L group regarding the firmware change, and note about the tuner windings. At this point I'm not aware of any PCB errors or things that will cause serious issues, but I haven't gone through the whole B.2 manual yet.

In summary, if my ID is correct, then I think I'm good to go with the B.2 manual, the updated firmware file, and the tuner mods. Does that sound right?

Thanks!

72,
Paul Davis - K9MR

4065. Re: [pfr3_group] Older PFR3 kit instructions, errata, etc.

Yahoo group: pfr3_group
Date: 2013-03-22 16:13:42 UTC
From: Stephen Smith
Topic: 4064 Message: 4065

Hello Paul,

Yup, the rev. B.2 manual is the last release for the PFR-3 and the one you want. The previous iterations were pretty 'buggy'. Even in the B.2 manual there is at least one error, in the schematic, but that won't stop you from successfully completing the PFR-3 kit.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "zigmundrat" <yahoogroups13@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Older PFR3 kit instructions, errata, etc.
Date: Fri, 22 Mar 2013 15:59:58 -0000

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4066. RE: [pfr3_group] Older PFR3 kit instructions, errata, etc.

Yahoo group: pfr3_group
Date: 2013-03-22 16:20:13 UTC
From: Dale Putnam
Topic: 4064 Message: 4066
Attachments: 1 described; binary payloads are missing from this source WARC

I believe you will be fine with that manual, if you find differences in the board, you may be able to compare with the schematic to solve the question. Attached is another manual that I use at times with some of the older boards too (may be the same as the one you have).Good Luck,

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: yahoogroups13@...
Date: Fri, 22 Mar 2013 15:59:58 +0000
Subject: [pfr3_group] Older PFR3 kit instructions, errata, etc.

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Thanks!

72,

Paul Davis - K9MR

4067. New member checking in

Yahoo group: pfr3_group
Date: 2013-03-22 17:21:10 UTC
From: David
Topic: 4067 Message: 4067

Hi guys, David here, G4YVM.

My club, Andover, UK, is thinking of having a "mass build" (well, maybe three or four) of these spectacular little radios. Im here to learn more about them and make sure they are what we think they are...super!

Why have the paddles ben discontinued, anyone know?

Hello to you all.

David
G4YVM
FISTS 15868
GQRP 2568

4068. Re: Older PFR3 kit instructions, errata, etc.

Yahoo group: pfr3_group
Date: 2013-03-22 17:22:50 UTC
From: zigmundrat
Topic: 4064 Message: 4068

Thanks for the reality check guys, I appreciate it. If I run into any significant issues, I know I can always ask here. Oh, and Dale, the file you attached looks like it's a newer one for the PFR3A and has a date of 12/19/09. Thinking that's not the one you intended.

I'm certainly looking forward to getting this assembled and trying it out in the field.

Paul - K9MR

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
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> I believe you will be fine with that manual, if you find differences in the board, you may be able to compare with the schematic to solve the question. Attached is another manual that I use at times with some of the older boards too (may be the same as the one you have).Good Luck,
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> Have a great day,
>
>
> --... ...--
> Dale - WC7S in Wy
>

4069. Re: [pfr3_group] Older PFR3 kit instructions, errata, etc. [1 Attachment]

Yahoo group: pfr3_group
Date: 2013-03-22 17:36:05 UTC
From: Austin McCaskill
Topic: 4064 Message: 4069
Attachments: 1 described; binary payloads are missing from this source WARC

I have attached a Rev B.1 manual, which I believe is the correct vintage.

72 de ZA/NE5O

austin

Austin McCaskill

On Fri, Mar 22, 2013 at 5:20 PM, Dale Putnam <daleputnam@...> wrote:

> **
>
> [Attachment(s) <#13d92e682714c769_TopText> from Dale Putnam included
> below]
>
> I believe you will be fine with that manual, if you find differences in
> the board, you may be able to compare with the schematic to solve the
> question. Attached is another manual that I use at times with some of the
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> Good Luck,
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>
>
>
>
>
> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: yahoogroups13@...
> Date: Fri, 22 Mar 2013 15:59:58 +0000
> Subject: [pfr3_group] Older PFR3 kit instructions, errata, etc.
>
>
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> Thanks!
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> 72,
> Paul Davis - K9MR
>
>
>
>

4070. Re: [pfr3_group] Older PFR3 kit instructions, errata, etc. [1 Attachme nt]

Yahoo group: pfr3_group
Date: 2013-03-22 18:08:54 UTC
From: Stephen Smith
Topic: 4070 Message: 4070

FWIW, There was no Rev. B.1 manual (that I could ever find).

The chronology for the PRF3 (no suffix) manuals is:

"The PFR Portable Field Ready radio Preliminary manual" (File date indicates 04/2/2008)

"Production manual 6/10/08 Rev B" (the version attached to previous email.

"Production manual 6/10/08 Rev B.2 September 22, 2008" (the last revision for PFR3 (no suffix))

Rev B.2 is the manual that most closely matches the original radio.

73.......Steve Smith WB6TNL

From: Austin McCaskill <austin@...>
To: pfr3_group@yahoogroups.com
Cc: "yahoogroups13@..." <yahoogroups13@...>
Subject: Re: [pfr3_group] Older PFR3 kit instructions, errata, etc. [1 Attachment]
Date: Fri, 22 Mar 2013 18:36:05 +0100

I have attached a Rev B.1 manual, which I believe is the correct vintage.

4071. Re: [pfr3_group] New member checking in

Yahoo group: pfr3_group
Date: 2013-03-22 20:35:03 UTC
From: Steven Weber
Topic: 4067 Message: 4071

> Why have the paddles ben discontinued, anyone know?

The paddles really didn't work that well and were a bit expensive to manufacture.

4072. Re: [pfr3_group] Older PFR3 kit instructions, errata, etc.

Yahoo group: pfr3_group
Date: 2013-03-22 20:56:27 UTC
From: Steven Weber
Topic: 4064 Message: 4072

> At this point I'm not aware of any PCB errors or things that will cause
> serious issues, but I haven't gone through the whole B.2 manual yet.

There is a "cut and jump" mod required on the original "3" boards at the processor. This routes 5V to the proper A/D pin. This should be illustrated in the manual.

It will work without the fix, but will glitch by changing bands on you at random times. The changing bands problem can persist even after the fix and it seems some are more prone then others to do this. A reliable fix for anyone who still has this problem is to add a 0.1 ufd by pass cap to the push button switch A/D input pin. The easiest place to tack in this cap is across the "Menu" push button.

Steve KD1JV

4073. RE: [pfr3_group] Re: Older PFR3 kit instructions, errata, etc.

Yahoo group: pfr3_group
Date: 2013-03-22 21:18:00 UTC
From: Dale Putnam
Topic: 4064 Message: 4073

Ok.. sorry Paul, I'll dig into the archives here, if you need it. Apparently I relocated the older one to utilize space better. Good luck with the build,

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: yahoogroups13@...
Date: Fri, 22 Mar 2013 17:22:50 +0000
Subject: [pfr3_group] Re: Older PFR3 kit instructions, errata, etc.

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> Dale - WC7S in Wy

>

4074. Re: [pfr3_group] New member checking in

Yahoo group: pfr3_group
Date: 2013-03-23 00:29:35 UTC
From: ckwishmeier@...
Topic: 4067 Message: 4074

Steve and pfr3 group,

I disagree. I use my PFR-3A in the field and on my desk. Those original paddles work great, are small and very light. I also have a Black Widow which is beautifully made and beautiful to look at. However, I much prefer the original PFR-3 paddle. It's angled mount makes it much easier to use than the Black Widow (as long as one keys with the right hand!). I don't have to hold the PFR-3A with my left hand while sending. The Black Widow sticks straight out so that the radio itself is at an angle. I also have to hold the radio while keying. When I bought my paddle at Dayton 2 years ago Dale told me that I might be buying one from the last run. Glad I was so fortunate.

Keith
WA9S

-----Original Message-----
From: Steven Weber <steve.kd1jv@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Mar 22, 2013 4:35 pm
Subject: Re: [pfr3_group] New member checking in

> Why have the paddles ben discontinued, anyone know?

The paddles really didn't work that well and were a bit expensive to manufacture.

4075. RE: [BITX20] Bitx vs Survivor

Yahoo group: pfr3_group
Date: 2013-03-24 16:59:17 UTC
From: Dale Putnam
Topic: 4075 Message: 4075

Hi Paul, The Bitx 20 is a 20m ssb only hole through design, while the Survivor is a 75m ssb with cw ability hole through design. The Survivor has a support group too, combined with other KD1JV designs at pfr3_group@...m .Both are supported by Hendricks. Personally, I have had less trouble bringing the Survivor to operation within published specs, but that may be just me. A consideration may be when you intend to operate, the Survivor wouldn't be very good, if your operatiing time is near noon only.The Bitx20 wouldn't be very good if you can only operate during darkness hours. Good Luck with your build,

Have a great day,

--... ...--
Dale - WC7S in Wy

To: BITX20@yahoogroups.com
From: chebipb@...
Date: Sun, 24 Mar 2013 11:33:02 -0400
Subject: [BITX20] Bitx vs Survivor

Has anyone considered the

KD1JV Survivor 75m SSB transceiver also offered by Hendricks?

I note this is Bitx group, as a newbie I felt the Survivor is an easier lot to start with. Yet Bitx I note seems better supported online. Any suggestions, advice as to which way to go?

Thanks

Paul Chebi

Sent from my iPhone

[Non-text portions of this message have been removed]

4076. No RX or TX

Yahoo group: pfr3_group
Date: 2013-04-02 17:16:34 UTC
From: lars-goran.jonsson@...
Topic: 4076 Message: 4076
Attachments: 1 described; binary payloads are missing from this source WARC

Fully assembled but no RX or TX, just ”white” noise from the phones. Passed group 1 smoke test with exception for the DDS verification. I have checked the voltages and found that some are completely wrong. See attached PDF-file. I am new to amateur radio so my knowledge is very limited and I cannot define what is causing the voltage deviations. All help would be greatly appreciated.

Best regards,

Lars-Goran

SA0BQC

4077. Re: [pfr3_group] No RX or TX

Yahoo group: pfr3_group
Date: 2013-04-02 17:29:10 UTC
From: Stephen Smith
Topic: 4076 Message: 4077

Hello,

If your radio did not pass the DDS tests, check the voltage at the output of U10. It must be very close to 3.5 V. Next, check the placement of U11. There have been boards released with U11 not installed in the proper orientation.

Best of luck and

73.......Steve Smith WB6TNL

4078. RE: [pfr3_group] No RX or TX

Yahoo group: pfr3_group
Date: 2013-04-02 17:57:33 UTC
From: Dale Putnam
Topic: 4076 Message: 4078

Hi Lars, Maybe I can help out a bit. Could you also measure the voltage supplied to the radio, and pin 1 and 3 of U5 and U10? Going directly to the Group 1 tests, what do you see on the display when you first turn it on? Does tune up or tune down change the display? What was it that failed in Tests 1 about the dds checks?
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: lars-goran.jonsson@ownit.nu
Date: Tue, 2 Apr 2013 19:16:34 +0200
Subject: [pfr3_group] No RX or TX

Fully
assembled but no RX or TX, just ”white” noise from the phones.
Passed group 1 smoke test with exception for the DDS verification. I have checked the voltages and found that some are completely wrong. See attached PDF-file. I am new to amateur radio so my knowledge is very limited and I cannot define what is causing the voltage deviations. All help would be greatly appreciated.
Best
regards,
Lars-Goran
SA0BQC

4079. Re: No RX or TX

Yahoo group: pfr3_group
Date: 2013-04-02 18:36:58 UTC
From: sa0bqc
Topic: 4076 Message: 4079

Hello Dale,
Supplied voltage: 11.8V
U5 pin 1= 11.5V pin3= 5.0V
U10 pin 2= 5.0V pin 3= 3.52V

When I turn it on I first see 40 followed by 030.0 on the display
Tune up and down works and so does the keyer.
The function of the DDS coould not be verified because I don't have a frequency counter.
Best regards,
Lars-Goran

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
> Hi Lars, Maybe I can help out a bit. Could you also measure the voltage supplied to the radio, and pin 1 and 3 of U5 and U10? Going directly to the Group 1 tests, what do you see on the display when you first turn it on? Does tune up or tune down change the display? What was it that failed in Tests 1 about the dds checks?
> Have a great day,
>
>
> --... ...--
> Dale - WC7S in Wy
>
>
>
> To: pfr3_group@yahoogroups.com
> From: lars-goran.jonsson@...
> Date: Tue, 2 Apr 2013 19:16:34 +0200
> Subject: [pfr3_group] No RX or TX
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> Fully
> assembled but no RX or TX, just "white" noise from the phones.
> Passed group 1 smoke test with exception for the DDS verification. I
> have checked the voltages and found that some are completely wrong.
> See attached PDF-file. I am new to amateur radio so my knowledge is
> very limited and I cannot define what is causing the voltage
> deviations. All help would be greatly appreciated.
> Best
> regards,
> Lars-Goran
> SA0BQC
>

4080. RE: [pfr3_group] Re: No RX or TX

Yahoo group: pfr3_group
Date: 2013-04-02 18:41:38 UTC
From: Dale Putnam
Topic: 4076 Message: 4080

Ok, Lars, how does it do in the Test 2?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: lars-goran.jonsson@...
Date: Tue, 2 Apr 2013 18:36:58 +0000
Subject: [pfr3_group] Re: No RX or TX

Hello Dale,

Supplied voltage: 11.8V

U5 pin 1= 11.5V pin3= 5.0V

U10 pin 2= 5.0V pin 3= 3.52V

When I turn it on I first see 40 followed by 030.0 on the display

Tune up and down works and so does the keyer.

The function of the DDS coould not be verified because I don't have a frequency counter.

Best regards,

Lars-Goran

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:

>

> Hi Lars, Maybe I can help out a bit. Could you also measure the voltage supplied to the radio, and pin 1 and 3 of U5 and U10? Going directly to the Group 1 tests, what do you see on the display when you first turn it on? Does tune up or tune down change the display? What was it that failed in Tests 1 about the dds checks?

> Have a great day,

>

>

> --... ...--

> Dale - WC7S in Wy

>

>

>

> To: pfr3_group@yahoogroups.com

> From: lars-goran.jonsson@...

> Date: Tue, 2 Apr 2013 19:16:34 +0200

> Subject: [pfr3_group] No RX or TX

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> Fully

> assembled but no RX or TX, just "white" noise from the phones.

> Passed group 1 smoke test with exception for the DDS verification. I

> have checked the voltages and found that some are completely wrong.

> See attached PDF-file. I am new to amateur radio so my knowledge is

> very limited and I cannot define what is causing the voltage

> deviations. All help would be greatly appreciated.

> Best

> regards,

> Lars-Goran

> SA0BQC

>

4081. Re: No RX or TX

Yahoo group: pfr3_group
Date: 2013-04-02 19:26:06 UTC
From: sa0bqc
Topic: 4076 Message: 4081

Hello Dale,
In the test 2 I went directly to the BFO trimmer set because I do not have an oscilloscope or frequency counter. However, the tone from the BFO was so week that is was impossible to make any adjustment.
Best regards,
Lars-Goran

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
> Ok, Lars, how does it do in the Test 2?
>
> Have a great day,
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>
> --... ...--
> Dale - WC7S in Wy
>
>
>
> To: pfr3_group@yahoogroups.com
> From: lars-goran.jonsson@...
> Date: Tue, 2 Apr 2013 18:36:58 +0000
> Subject: [pfr3_group] Re: No RX or TX
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> Hello Dale,
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> Supplied voltage: 11.8V
>
> U5 pin 1= 11.5V pin3= 5.0V
>
> U10 pin 2= 5.0V pin 3= 3.52V
>
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>
> When I turn it on I first see 40 followed by 030.0 on the display
>
> Tune up and down works and so does the keyer.
>
> The function of the DDS coould not be verified because I don't have a frequency counter.
>
> Best regards,
>
> Lars-Goran
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>
> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
>
> >
>
> > Hi Lars, Maybe I can help out a bit. Could you also measure the voltage supplied to the radio, and pin 1 and 3 of U5 and U10? Going directly to the Group 1 tests, what do you see on the display when you first turn it on? Does tune up or tune down change the display? What was it that failed in Tests 1 about the dds checks?
>
> > Have a great day,
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> > --... ...--
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> > Dale - WC7S in Wy
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> > To: pfr3_group@yahoogroups.com
>
> > From: lars-goran.jonsson@
>
> > Date: Tue, 2 Apr 2013 19:16:34 +0200
>
> > Subject: [pfr3_group] No RX or TX
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> > assembled but no RX or TX, just "white" noise from the phones.
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> > Passed group 1 smoke test with exception for the DDS verification. I
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> > have checked the voltages and found that some are completely wrong.
>
> > See attached PDF-file. I am new to amateur radio so my knowledge is
>
> > very limited and I cannot define what is causing the voltage
>
> > deviations. All help would be greatly appreciated.
>
> > Best
>
> > regards,
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> > Lars-Goran
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> > SA0BQC
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4082. Re: [pfr3_group] Re: No RX or TX

Yahoo group: pfr3_group
Date: 2013-04-03 00:24:43 UTC
From: Steven Weber
Topic: 4076 Message: 4082

If you have a general coverage receiver with BFO, you can listen for the DDS signal with that. However, it sounds like the DDS is working and you have other problems. Possibly a short in the IF crystal filter.

Steve KD1JV

> In the test 2 I went directly to the BFO trimmer set because I do not have
> an oscilloscope or frequency counter. However, the tone from the BFO was
> so week that is was impossible to make any adjustment.
> Best regards,
> Lars-Goran

4083. Sell PFR-3A

Yahoo group: pfr3_group
Date: 2013-04-04 20:20:01 UTC
From: KO0D
Topic: 4083 Message: 4083

Selling my PFR-3A. Used very little. Final 'tweak' was done by Dale, WC7S to bring it all up to specs. $220 shipped in CONUS. John, KO0D.

4084. your radio from Dale

Yahoo group: pfr3_group
Date: 2013-04-04 21:42:29 UTC
From: ki4fdtbone
Topic: 4084 Message: 4084

Just curious, how long did it take Dale to return your radio? He has had mine for about 5 weeks . I just curious. KI4FD T. Bone

4085. Re: your radio from Dale

Yahoo group: pfr3_group
Date: 2013-04-04 22:14:04 UTC
From: ki4fdtbone
Topic: 4084 Message: 4085

--- In pfr3_group@yahoogroups.com, "ki4fdtbone" <tbone1417@...> wrote:
>
> Just curious, how long did it take Dale to return your radio? He has had mine for about 5 weeks . I just curious. KI4FD T. Bone
>
I should make it clear that I probably sent him a radio that was a mess and the problem is me not Dale. T. Bone

4086. Re: [pfr3_group] Re: your radio from Dale

Yahoo group: pfr3_group
Date: 2013-04-04 22:27:13 UTC
From: John McMichael
Topic: 4084 Message: 4086

Probably just a week or so. He tuned/adjusted it and put the decals on for me. John, KO0D

Sent from my iPad

On Apr 4, 2013, at 4:17 PM, "ki4fdtbone" <tbone1417@gmail.com> wrote:

>
>
> --- In pfr3_group@yahoogroups.com, "ki4fdtbone" <tbone1417@...> wrote:
> >
> > Just curious, how long did it take Dale to return your radio? He has had mine for about 5 weeks . I just curious. KI4FD T. Bone
> >
> I should make it clear that I probably sent him a radio that was a mess and the problem is me not Dale. T. Bone
>
>

4087. N3ZI digital display

Yahoo group: pfr3_group
Date: 2013-04-06 23:17:56 UTC
From: eject12
Topic: 4087 Message: 4087

Has anyone connected a N3ZI digital display to the PRF-3?

73
Bill

4088. OT FOXTRAVAGANZA

Yahoo group: pfr3_group
Date: 2013-04-17 19:01:33 UTC
From: Dale Putnam
Topic: 4088 Message: 4088

Listen up, all you FOXii and Hounds...!! The FOXii are going to be out of their dens TOMORROW evening! Same time - 0100z til 0230z or 7pm til 8:30 pm Thursday evening.All the FOXii.. and ALL the HOUNDS.. are allowed to chase each other through the 40 AND 80 acre forests this time. And I have good faith that the Game Warden will be looking the other way..... he'll be so busy watching the Foxii.. and Hounds...that he won't notice if we sneak out past the trees marked 7030 and 7050.. and 3550 and 3570... I don't think a fellow wants to go very far..because it would be hard to keep anyone's attention. But checking just a tree or two would be ok...I'd guess. There is no log required by the scorekeeper this time.. however, posting by the Foxii.. would be nifty.. wouldn't it? So.. help spread the word, please, share. Let everyone know.. this IS the last FOXHUNT for the Season.. theFOXTRAVAGANZA will wrap it up. Y'all come, and have FUN!! Enjoy! See you there!!

Have a great day,

--... ...--
Dale - WC7S in Wy

4091. Re: [pfr3_group] Sell PFR-3A

Yahoo group: pfr3_group
Date: 2013-04-28 14:29:00 UTC
From: Stephen Smith
Topic: 4083 Message: 4091

Hello John,

Is your PFR-3A still avalailable?

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "KO0D" <jbmcmichael@hotmail.com>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Sell PFR-3A
Date: Thu, 04 Apr 2013 20:20:01 -0000

Selling my PFR-3A. Used very little. Final 'tweak' was done by Dale, WC7S to bring it all up to specs. $220 shipped in CONUS. John, KO0D.

Yahoo! Groups Links

4092. Re: [pfr3_group] Sell PFR-3A

Yahoo group: pfr3_group
Date: 2013-04-28 16:13:04 UTC
From: John McMichael
Topic: 4083 Message: 4092

Yes it is.

Sent from my iPad

On Apr 28, 2013, at 8:30 AM, "Stephen Smith" <sigcom@...> wrote:

> Hello John,
>
> Is your PFR-3A still avalailable?
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: "KO0D" <jbmcmichael@...>
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Sell PFR-3A
> Date: Thu, 04 Apr 2013 20:20:01 -0000
>
> Selling my PFR-3A. Used very little. Final 'tweak' was done by Dale, WC7S to bring it all up to specs. $220 shipped in CONUS. John, KO0D.
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> Yahoo! Groups Links
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4093. Re: PFR-3 for sale

Yahoo group: pfr3_group
Date: 2013-04-28 18:59:00 UTC
From: Keith Hamilton
Topic: 4089 Message: 4093

My PFR-3 is still available. Sorry but no paddle come with it. N8CEP

--- In pfr3_group@yahoogroups.com, "Keith Hamilton" <tuner@...> wrote:
>
> I am going to sell my BUILT PFR-3. It is working fine and has full output. It has the new SILKSCREENED case. I will ship it free to a US ham only. Paypal payment of $240 and it is yours! Please send me an email OFF LIST.
>
> 73 Keith N8CEP
>

4094. FW:

Yahoo group: pfr3_group
Date: 2013-04-02 03:47:24 UTC
From: <ckwishmeier@...>
Topic: 4094 Message: 4094

http://dechelles.tempsite.ws/ctuhar.php

4095. Doug Hendricks - Dayton Specials

Yahoo group: pfr3_group
Date: 2013-05-16 04:20:51 UTC
From: wb9dlc
Topic: 4095 Message: 4095

I read a post on QRP-L from Doug Hendricks. He will have some new kits and special pricing at Dayton.
Of particular interest, excerpt here:**********One more Dayton Special: PFR3A kits for $200. I only brought 9 and they will go fast. These include the new silk screened cases. See you at Dayton. Doug, Darryl, Ken and Karen. We will be in booth 459 and 460 across from the ARRL Booth in the North Hall. Same place as last year. Stop by and say hello.**********
Might be able to read complete message here:http://mailman.qth.net/mailman/private/qrp-l/20130513/109494.html

73 - See you at Dayton
Mike - WB9DLChttp://wb9dlc.com

4096. Re: [pfr3_group] Doug Hendricks - Dayton Specials

Yahoo group: pfr3_group
Date: 2013-05-16 12:57:27 UTC
From: hzp_electronics@juno.com
Topic: 4095 Message: 4096
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

4097. RE: [pfr3_group] Doug Hendricks - Dayton Specials

Yahoo group: pfr3_group
Date: 2013-05-16 13:03:09 UTC
From: Dale Putnam
Topic: 4095 Message: 4097

The new silk-screen case makes it worth a solid look. And it flies together too.
Very Nice... If you are thinking about it.. don't delay.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: hzp_electronics@...
Date: Thu, 16 May 2013 12:57:27 +0000
Subject: Re: [pfr3_group] Doug Hendricks - Dayton Specials

Sounds like a great deal. Are you getting another PFR3?

72 ... Bill K3HZP

---------- Original Message ----------
From: "wb9dlc" <wb9dlc@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Doug Hendricks - Dayton Specials
Date: Thu, 16 May 2013 04:20:51 -0000

I read a post on QRP-L from Doug Hendricks. He will have some new kits and special pricing at Dayton.

Of particular interest, excerpt here:
****
One more Dayton Special: PFR3A kits for $200. I only brought 9 and they will go fast. These include the new silk screened cases. See you at Dayton. Doug, Darryl, Ken and Karen. We will be in booth 459 and 460 across from the ARRL Booth in the North Hall. Same place as last year.
Stop by and say hello.
****

Might be able to read complete message here:
http://mailman.qth.net/mailman/private/qrp-l/20130513/109494.html

73 - See you at Dayton

Mike - WB9DLC
http://wb9dlc.com

_____
Silver loophole
Weird trick lets you collect silver from practically any bank
stansberryresearch.com

4098. Re: New member checking in

Yahoo group: pfr3_group
Date: 2013-05-22 12:46:57 UTC
From: Manuel
Topic: 4067 Message: 4098

Hi!

I've the Black Widow for PFR3 and works GREAT. That's my 2nd paddle from Jerry.

Anyway if you go around on photos you will find many PFR3 enthusiast building own paddles and many are GREAT.
I'm also working my own paddle for PFR3

I think is another Challenge thinking, project and working for our own PFR3 paddle.

73s and All the Best
Marq CT1BWW
--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> > Why have the paddles ben discontinued, anyone know?
>
> The paddles really didn't work that well and were a bit expensive to
> manufacture.
>

4099. Re: [pfr3_group] Re: New member checking in

Yahoo group: pfr3_group
Date: 2013-05-22 16:36:08 UTC
From: ckwishmeier@...
Topic: 4067 Message: 4099

I have the original paddle and have used it extensively in field ops. Just clean the screw contact occasionally with a dollar bill. I also use a Black Widow in the home shack but prefer the original paddle. The company that machined the aluminum block portions stopped production. Therefore no more paddles. I still hope they go back into production.

Keith
WA9S

-----Original Message-----
From: Manuel <ct1bww@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, May 22, 2013 8:47 am
Subject: [pfr3_group] Re: New member checking in

Hi!

I've the Black Widow for PFR3 and works GREAT. That's my 2nd paddle from Jerry.

Anyway if you go around on photos you will find many PFR3 enthusiast building own paddles and many are GREAT.
I'm also working my own paddle for PFR3

I think is another Challenge thinking, project and working for our own PFR3 paddle.

73s and All the Best
Marq CT1BWW
--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> > Why have the paddles ben discontinued, anyone know?
>
> The paddles really didn't work that well and were a bit expensive to
> manufacture.
>

4100. New to the group

Yahoo group: pfr3_group
Date: 2013-05-29 11:03:59 UTC
From: synovial_98
Topic: 7 Message: 4100

Hi,

I just purchased a PFR-3 off qrz.com recently - should arrive at the QTH tomorrow. Am really looking fwd to QRP'ing again. Prior ownwership of QRP hdwe include an HW-7 (long ago and far away!) and a Ten Tec R4020.

I've learned a lot from reading the posts here - there's a lot of good PFR-3 video material on YouTube as well.

73s,
Ken
WB4EJZ

4101. RE: [pfr3_group] New to the group

Yahoo group: pfr3_group
Date: 2013-05-29 12:22:23 UTC
From: Dale Putnam
Topic: 7 Message: 4101

Welcome back Ken, to the QRP group. The little yellow companion is a blast, no kidding.
You'll love it.. can't lose it in a meadow, or park... shines well in a pileup too.
Glad to have you join, please keep us up to date about your adventures too.
Have a great time with it.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: synovial_98@...
Date: Wed, 29 May 2013 11:03:59 +0000
Subject: [pfr3_group] New to the group

Hi,

I just purchased a PFR-3 off qrz.com recently - should arrive at the QTH tomorrow. Am really looking fwd to QRP'ing again. Prior ownwership of QRP hdwe include an HW-7 (long ago and far away!) and a Ten Tec R4020.

I've learned a lot from reading the posts here - there's a lot of good PFR-3 video material on YouTube as well.

73s,

Ken

WB4EJZ

4102. Re: New to the group

Yahoo group: pfr3_group
Date: 2013-05-30 14:11:20 UTC
From: synovial_98
Topic: 7 Message: 4102

Thanks, Dale for the reply. Just wondering- I know that Hendricks doesn't supply paddles any longer - does anyone make a substitute?

73s,
Ken
WB4EJZ

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
> Welcome back Ken, to the QRP group. The little yellow companion is a blast, no kidding.
> You'll love it.. can't lose it in a meadow, or park... shines well in a pileup too.
> Glad to have you join, please keep us up to date about your adventures too.
> Have a great time with it.
>
> Have a great day,
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> --... ...--
> Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
> From: synovial_98@...
> Date: Wed, 29 May 2013 11:03:59 +0000
> Subject: [pfr3_group] New to the group
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> Hi,
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> I just purchased a PFR-3 off qrz.com recently - should arrive at the QTH tomorrow. Am really looking fwd to QRP'ing again. Prior ownwership of QRP hdwe include an HW-7 (long ago and far away!) and a Ten Tec R4020.
>
>
>
> I've learned a lot from reading the posts here - there's a lot of good PFR-3 video material on YouTube as well.
>
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>
> 73s,
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> Ken
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> WB4EJZ
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4103. RE: [pfr3_group] Re: New to the group

Yahoo group: pfr3_group
Date: 2013-05-30 14:16:54 UTC
From: Dale Putnam
Topic: 7 Message: 4103

Hi Ken,
I don't know of anyone now.. that does, for sure.. Ren used to.. tho.
Jerry stopped too. Let me see if I can find Ren's email.. Maybe he can?
He had a nifty one.. to me.. it was very nice.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: synovial_98@...
Date: Thu, 30 May 2013 14:11:20 +0000
Subject: [pfr3_group] Re: New to the group

Thanks, Dale for the reply. Just wondering- I know that Hendricks doesn't supply paddles any longer - does anyone make a substitute?

73s,

Ken

WB4EJZ

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:

>

> Welcome back Ken, to the QRP group. The little yellow companion is a blast, no kidding.

> You'll love it.. can't lose it in a meadow, or park... shines well in a pileup too.

> Glad to have you join, please keep us up to date about your adventures too.

> Have a great time with it.

>

> Have a great day,

>

>

> --... ...--

> Dale - WC7S in Wy

>

>

>

>

> To: pfr3_group@yahoogroups.com

> From: synovial_98@...

> Date: Wed, 29 May 2013 11:03:59 +0000

> Subject: [pfr3_group] New to the group

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>

> I've learned a lot from reading the posts here - there's a lot of good PFR-3 video material on YouTube as well.

>

>

>

> 73s,

>

> Ken

>

> WB4EJZ

>

4104. Wiring for battery pack

Yahoo group: pfr3_group
Date: 2013-05-30 22:49:01 UTC
From: synovial_98
Topic: 4104 Message: 4104

Hi,

Just looking for a little guidance here - just took delivery of a used PFR-3. All seems in order EXCEPT the battery tray was never wired. The rig came with the original assy instructions and they mention nothing (other than the jumpers on the batt holder itself) about terminating the output to the power switch or the PC board, etc.

Perhaps I'm missing a page, although it was all stapled together.

Any advice is welcome.

Thanks,
Ken
WB4EJZ

4105. RE: [pfr3_group] Wiring for battery pack

Yahoo group: pfr3_group
Date: 2013-05-31 00:31:57 UTC
From: Dale Putnam
Topic: 4104 Message: 4105

Hi Ken,
Let's fix it. k?
I figure the battery box(s) can be series together.. placed close to the edge.. caution.. be careful to measure
to avoid having to move them because they hit the components when you close the box.
Now to the wiring.. the black - ground lead goes under the power switch.. as does the positive - red lead.
When you place the radio, board up, bottom case off, with the power switch close to your tummy, and the tuner caps to the right, there will be three "holes" , with one red lead from the power jack. directly in line with that nearer the edge of the board.. not two holes but one away.. somewhat in the middle.. the batt plus hole will be. That's for the red lead. The black one goes to the right and closer to the edge.. it is looking for a ground, there should be one just to the right of and closer to the board edge than where the red one is.
You can use a vom to prove the ground... and.. the plus.
Good Luck,

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: synovial_98@...
Date: Thu, 30 May 2013 22:49:01 +0000
Subject: [pfr3_group] Wiring for battery pack

Hi,

Just looking for a little guidance here - just took delivery of a used PFR-3. All seems in order EXCEPT the battery tray was never wired. The rig came with the original assy instructions and they mention nothing (other than the jumpers on the batt holder itself) about terminating the output to the power switch or the PC board, etc.

Perhaps I'm missing a page, although it was all stapled together.

Any advice is welcome.

Thanks,

Ken

WB4EJZ

4106. Group 2 Smoke Test and BFO Trimmer questions

Yahoo group: pfr3_group
Date: 2013-05-31 13:13:27 UTC
From: kc9spw
Topic: 4106 Message: 4106

Hello All,

I recently finished my receiver and began the Group 2 Smoke test. I connected leads to both sides of the R1 resistor, red close to Q2 and black on the other side of R1. I connected these to the BNC connector (red to middle, black to case) and connected this to a 20m dipole antenna.

I did not perform the DDS calibration of IF offset calibration due to lack of required test equipment. I did however work to calibrate the BFO trimmer. Following the manual's procedure, I was able to enter "CAL.r" mode and heard the sidetone immediately. However, I was unable to hear the BFO signal. Also, it seems as though the antenna was not picking up a signal. Perhaps I've made incorrect connections to the BNC, antenna, etc. The power source I used was a 12v dry cell battery which I use with my other QRP rigs successfully.

The BFO trimmer did not have a "stop" per se, and easily traveled in continuous circles as long as I turned the screwdriver. Is this normal, or should there be stop points at the curved and flat sides?

Overall, I could hear the annunciations (code), the paddles worked, I could hear a soft hum in the headsets, and the display seemed to be working ok. I suspect BFO should be trimmed once the rig is completed and hooked up to a better antenna?

Does anyone have any comments regarding the BFO trimmer and lack of a BFO signal? Have I followed the procedure correctly? I'm happy so far and it seems that I'm on the path to greatness. Ha ha

Thanks and 73,

Scott
KC9SPW

4107. RE: [pfr3_group] Group 2 Smoke Test and BFO Trimmer questions

Yahoo group: pfr3_group
Date: 2013-05-31 13:37:01 UTC
From: Dale Putnam
Topic: 4106 Message: 4107

Hi Scott,
With connection across R1, that pretty much eliminates Q1 and Q2 from the test, so sens will be a bit lower.
The bfo cap does turn without a stop. Close inspection of the cap will reveal an arrow, where you insert the tuning tool. If you start with that arrow pointing towards the edge of the board, that would set the origination point correctly. The "Calr" starting point calibrates the 10m osc. if you go past that point quickly.... then the bfo can be heard, too. Then bringing them together or "in sync" will be in order.
I use a little 9v supply for these tests.. just in case.... cheap insurance.

You're doing well, Scott, very well. You'll love the bright YELLOW box.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: scnovinger@...
Date: Fri, 31 May 2013 13:13:27 +0000
Subject: [pfr3_group] Group 2 Smoke Test and BFO Trimmer questions

Hello All,

I recently finished my receiver and began the Group 2 Smoke test. I connected leads to both sides of the R1 resistor, red close to Q2 and black on the other side of R1. I connected these to the BNC connector (red to middle, black to case) and connected this to a 20m dipole antenna.

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The BFO trimmer did not have a "stop" per se, and easily traveled in continuous circles as long as I turned the screwdriver. Is this normal, or should there be stop points at the curved and flat sides?

Overall, I could hear the annunciations (code), the paddles worked, I could hear a soft hum in the headsets, and the display seemed to be working ok. I suspect BFO should be trimmed once the rig is completed and hooked up to a better antenna?

Does anyone have any comments regarding the BFO trimmer and lack of a BFO signal? Have I followed the procedure correctly? I'm happy so far and it seems that I'm on the path to greatness. Ha ha

Thanks and 73,

Scott

KC9SPW

4108. PFR-3A

Yahoo group: pfr3_group
Date: 2013-05-31 14:43:25 UTC
From: zyxtrum
Topic: 1407 Message: 4108

I bought a PFR-3A used. When it arrived nothing worked. I opened it up and noticed that the wiring had been done and redone, and that some of the wiring was in the wrong places, and a couple of wires were dangling loose, including the internal battery wire. I contacted the seller and he made it right by refunding enough of the money to cover the repairs, so kudos to him. (Won't mention names).

I bought some teflon wire and completely rewired the PFR-3A and then aligned everything.

My post isn't so much about buying a used radio as it is to praise this fine radio design for how well it works. I have an FT-817 and IC703 to compare it with and when tested with my Motorola Communications Monitor the PFR-3A's receiver was slightly better than either of the other two. It is much lighter and has a built in tuner that works extremely well and is simpler to use. I like the built in keyer, although you will need to practice your sending timing to get the memory messages to work properly. You can stick a Palm Mini paddle to the right or left side, depending if you are right or left handed, and forget about the paddle issue. The paddles on the Palm push inside the aluminum housing while in transport.
http://www.mtechnologies.com/palm/
So my portable pack just got a lot lighter, simpler and I am not giving up anything since I work 100% CW from portable locations.
I used this radio and an EFHW antenna to activate my last summits for SOTA and it worked flawlessly.

I see other guys on other groups wishing they had an ATS-4 or MTR. For my money, you can't beat the PFR-3A for a complete CW portable rig. Improvements that I suggest, provided it doesn't increase weight too much: Tuning knob with spinner for rapid and more convenient tuning, display with a little more information, and AGC. Oh and did I mention, you can order one and get it, unlike the ATS-4 and MTR. I will be ordering a new kit when the B model comes out in July.

I appreciate guys like Doug Hendricks and Steve Webber for bringing this fine beautiful yellow, American made gem to us.

Mike
N1MB

4109. BLT Plus

Yahoo group: pfr3_group
Date: 2013-05-31 15:41:32 UTC
From: chebipb
Topic: 4109 Message: 4109

While not a primary objective of this group, I noted that the BLT plus tuner was mentioned in a thread.

I have a question regarding the BLT Plus as to its claim for use with balanced and unbalanced coax cable.

The wiring of the Dummy load resistors shows 3 resistors of which two are in parralel therefore offering a load resistance of 75 ohm with a balanced line as it shout.

When switched to Coax however, the switch just grounds one of the legs of the antenna but does not alter the dummy load of 75 ohm to match it with the ususal coax resistance of 50 ohm..

My question is: Should'nt there have been a 4th 50ohm resistor to be swiched in parrallel with R3 in the inbalanced (coax)option to drop the dummy load resistance to 50 ohm to match the coax resistance?

Is my thinking correct?

Thanks

4110. Re: [pfr3_group] PFR-3A

Yahoo group: pfr3_group
Date: 2013-05-31 17:04:17 UTC
From: Jason Turning
Topic: 1407 Message: 4110

Anyone have details on the PFR3 B model mentioned? What improvements/changes?
Thanks.

Jason - N6WBL

On 05/31/2013 07:43 AM, zyxtrum wrote:
> I bought a PFR-3A used. When it arrived nothing worked. I opened it up and
> noticed that the wiring had been done and redone, and that some of the
> wiring was in the wrong places, and a couple of wires were dangling loose,
> including the internal battery wire. I contacted the seller and he made it
> right by refunding enough of the money to cover the repairs, so kudos to
> him. (Won't mention names).
>
> I bought some teflon wire and completely rewired the PFR-3A and then aligned
> everything.
>
> My post isn't so much about buying a used radio as it is to praise this fine
> radio design for how well it works. I have an FT-817 and IC703 to compare it
> with and when tested with my Motorola Communications Monitor the PFR-3A's
> receiver was slightly better than either of the other two. It is much
> lighter and has a built in tuner that works extremely well and is simpler to
> use. I like the built in keyer, although you will need to practice your
> sending timing to get the memory messages to work properly. You can stick a
> Palm Mini paddle to the right or left side, depending if you are right or
> left handed, and forget about the paddle issue. The paddles on the Palm push
> inside the aluminum housing while in transport.
> http://www.mtechnologies.com/palm/ So my portable pack just got a lot
> lighter, simpler and I am not giving up anything since I work 100% CW from
> portable locations. I used this radio and an EFHW antenna to activate my
> last summits for SOTA and it worked flawlessly.
>
> I see other guys on other groups wishing they had an ATS-4 or MTR. For my
> money, you can't beat the PFR-3A for a complete CW portable rig.
> Improvements that I suggest, provided it doesn't increase weight too much:
> Tuning knob with spinner for rapid and more convenient tuning, display with
> a little more information, and AGC. Oh and did I mention, you can order one
> and get it, unlike the ATS-4 and MTR. I will be ordering a new kit when the
> B model comes out in July.
>
> I appreciate guys like Doug Hendricks and Steve Webber for bringing this
> fine beautiful yellow, American made gem to us.
>
> Mike N1MB

4111. Re: [pfr3_group] PFR-3A

Yahoo group: pfr3_group
Date: 2013-05-31 17:08:46 UTC
From: Stephen Smith
Topic: 1407 Message: 4111

Hi Jason,

There is no "PFR3 B".

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: Jason Turning <jturning@...>
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR-3A
Date: Fri, 31 May 2013 10:04:17 -0700

Anyone have details on the PFR3 B model mentioned? What improvements/changes?
Thanks.

Jason - N6WBL

4112. Re: [pfr3_group] PFR-3A

Yahoo group: pfr3_group
Date: 2013-05-31 18:35:57 UTC
From: Lee Mairs (SAG)
Topic: 1407 Message: 4112

A "B" model out in July??
Is there anything in a URL about the new "B" model?
73 de Lee
KM4YY

On 5/31/2013 10:43 AM, zyxtrum wrote:
> I bought a PFR-3A used. When it arrived nothing worked. I opened it up and noticed that the wiring had been done and redone, and that some of the wiring was in the wrong places, and a couple of wires were dangling loose, including the internal battery wire. I contacted the seller and he made it right by refunding enough of the money to cover the repairs, so kudos to him. (Won't mention names).
>
> I bought some teflon wire and completely rewired the PFR-3A and then aligned everything.
>
> My post isn't so much about buying a used radio as it is to praise this fine radio design for how well it works. I have an FT-817 and IC703 to compare it with and when tested with my Motorola Communications Monitor the PFR-3A's receiver was slightly better than either of the other two. It is much lighter and has a built in tuner that works extremely well and is simpler to use. I like the built in keyer, although you will need to practice your sending timing to get the memory messages to work properly. You can stick a Palm Mini paddle to the right or left side, depending if you are right or left handed, and forget about the paddle issue. The paddles on the Palm push inside the aluminum housing while in transport.
> http://www.mtechnologies.com/palm/
> So my portable pack just got a lot lighter, simpler and I am not giving up anything since I work 100% CW from portable locations.
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> Mike
> N1MB
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> Yahoo! Groups Links
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4113. Re: BLT Plus

Yahoo group: pfr3_group
Date: 2013-05-31 20:24:14 UTC
From: chebipb
Topic: 4109 Message: 4113

For completeness I am attaching and email exchange I just had with Stephen Smith:

You are right as to "ONE" function of the three resistors forming a
balancing bridge during tuning.

However, you certainly would not use 2 watters if that was the only purpose
of these resistors.

IMHO these resistors form a dummy load ,as well ,during tuning , thus
offering a 75 ohm load for balanced 75 ohm lines which is correct, but would
also offer a 75 ohm dummy load as well with an unbalanced 50 ohm coax which
isn't correct.

Tuning in coax mode therefore is done with a 75 ohm dummy load , which was
the point I was questioning in my original post, and inserting the
additional resistor across R3 during Coax mode tuning, would not preclude
the bridge performing its function except it would then do it with a 50 ohm
load .

What say you?

Thanks for your fast response

Paul
kk4ptv

----- Original Message -----
From: "Stephen Smith" <sigcom@...>
To: <paul.chebi@...>
Sent: Friday, May 31, 2013 1:34 PM
Subject: Re: [pfr3_group] BLT Plus

Hello,

There should not have been a fourth 50 Ohm resistor because he three 51 Ohm
resistors are not a dummy load; they form an impedance bridge with one of
the 'arms' of the bridge being the primary of a voltage step-up transformer
for the LED indicator. When the impeadance is 51 Ohms, the bridge is
balanced and no voltage appears at the transformer primary; otherwise the
bridge is unbalanced and the voltage at the transformer primary is
stepped-up to forward-bias the LED indicator.

73.......Steve Smith WB6TNL

--- In pfr3_group@yahoogroups.com, "chebipb" <paul.chebi@...> wrote:
>
> While not a primary objective of this group, I noted that the BLT plus tuner was
mentioned in a thread.

>
> I have a question regarding the BLT Plus as to its claim for use with balanced and unbalanced coax cable.
>
> The wiring of the Dummy load resistors shows 3 resistors of which two are in parralel therefore offering a load resistance of 75 ohm with a balanced line as it shout.
>
> When switched to Coax however, the switch just grounds one of the legs of the antenna but does not alter the dummy load of 75 ohm to match it with the ususal coax resistance of 50 ohm..
>
> My question is: Should'nt there have been a 4th 50ohm resistor to be swiched in parrallel with R3 in the inbalanced (coax)option to drop the dummy load resistance to 50 ohm to match the coax resistance?
>
> Is my thinking correct?
>
> Thanks
>

4114. Re: [pfr3_group] PFR-3A

Yahoo group: pfr3_group
Date: 2013-05-31 22:03:27 UTC
From: Matt VK2RQ
Topic: 1407 Message: 4114

It was briefly mentioned on this mail reflector in August last year:

"The new PFR-3B under development will differ from the earlier versions mostly in it's mechanical design, which is quite a bit different from the original. Some circuit changes in the wiring of the processor were required to accomidate the change to rotory tuning and an improved audio AGC circuit is used. "

I don't recall a release date ever being mentioned, so it's interesting to hear that something may happen July.

73, Matt VK2RQ

On 01/06/2013, at 4:35 AM, "Lee Mairs (SAG)" <lmairs@...> wrote:

> A "B" model out in July??
> Is there anything in a URL about the new "B" model?
> 73 de Lee
> KM4YY
>
> On 5/31/2013 10:43 AM, zyxtrum wrote:
> > I bought a PFR-3A used. When it arrived nothing worked. I opened it up and noticed that the wiring had been done and redone, and that some of the wiring was in the wrong places, and a couple of wires were dangling loose, including the internal battery wire. I contacted the seller and he made it right by refunding enough of the money to cover the repairs, so kudos to him. (Won't mention names).
> >
> > I bought some teflon wire and completely rewired the PFR-3A and then aligned everything.
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> > My post isn't so much about buying a used radio as it is to praise this fine radio design for how well it works. I have an FT-817 and IC703 to compare it with and when tested with my Motorola Communications Monitor the PFR-3A's receiver was slightly better than either of the other two. It is much lighter and has a built in tuner that works extremely well and is simpler to use. I like the built in keyer, although you will need to practice your sending timing to get the memory messages to work properly. You can stick a Palm Mini paddle to the right or left side, depending if you are right or left handed, and forget about the paddle issue. The paddles on the Palm push inside the aluminum housing while in transport.
> > http://www.mtechnologies.com/palm/
> > So my portable pack just got a lot lighter, simpler and I am not giving up anything since I work 100% CW from portable locations.
> > I used this radio and an EFHW antenna to activate my last summits for SOTA and it worked flawlessly.
> >
> > I see other guys on other groups wishing they had an ATS-4 or MTR. For my money, you can't beat the PFR-3A for a complete CW portable rig. Improvements that I suggest, provided

it doesn't increase weight too much: Tuning knob with spinner for rapid and more convenient tuning, display with a little more information, and AGC. Oh and did I mention, you can order one and get it, unlike the ATS-4 and MTR. I will be ordering a new kit when the B model comes out in July.
> >
> > I appreciate guys like Doug Hendricks and Steve Webber for bringing this fine beautiful yellow, American made gem to us.
> >
> > Mike
> > N1MB
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> > Yahoo! Groups Links
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4115. Re: [pfr3_group] PFR-3A

Yahoo group: pfr3_group
Date: 2013-05-31 22:08:16 UTC
From: Mike
Topic: 1407 Message: 4115

Steve is correct. There is no "PFR3-B".
However, according to my direct communications with Doug Hendricks via
email, there will be a "PFR-3B" out around July 1st.
Perhaps if what I am saying is not true regarding getting the email
directly from Doug regarding the "PFR-3B", I buy Steve a current PFR-3A.
However, If what I am saying is true then Steve buys me a new "PFR-3B"
when they come out.
What do you say Steve?

Mike
N1MB

On 5/31/2013 12:08 PM, Stephen Smith wrote:
> Hi Jason,
>
> There is no "PFR3 B".
>
> 73.......Steve Smith WB6TNL
>
> ---------- Original Message ----------
> From: Jason Turning <jturning@...>
> To: pfr3_group@yahoogroups.com
> Subject: Re: [pfr3_group] PFR-3A
> Date: Fri, 31 May 2013 10:04:17 -0700
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>
> Anyone have details on the PFR3 B model mentioned? What improvements/changes?
> Thanks.
>
> Jason - N6WBL
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> Yahoo! Groups Links
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4116. Re: Group 2 Smoke Test and BFO Trimmer questions

Yahoo group: pfr3_group
Date: 2013-06-01 14:38:16 UTC
From: kc9spw
Topic: 4106 Message: 4116

Hi Dale! (WC7S)

Thank you for the encouragement.

I did see the arrow as you mentioned and followed the procedure according to the manual. Perhaps I got a little over zealous with the screwdriver during my initial turns. I'll "reset" it pointing towards the edge of the board and start from there. Thanks for the suggestions.

I started out with a 9v supply and moved on to more voltage. My rationale was bringing the board close to operating voltages. I see the wisdom in your suggestion of "good insurance" though and will step back down a few volts. hi hi

I'm just about completed with the transmitter portion and moving on to the next steps.

73,

Scott
KC9SPW

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
> Hi Scott,
> With connection across R1, that pretty much eliminates Q1 and Q2 from the test, so sens will be a bit lower.
> The bfo cap does turn without a stop. Close inspection of the cap will reveal an arrow, where you insert the tuning tool. If you start with that arrow pointing towards the edge of the board, that would set the origination point correctly. The "Calr" starting point calibrates the 10m osc. if you go past that point quickly.... then the bfo can be heard, too. Then bringing them together or "in sync" will be in order.
> I use a little 9v supply for these tests.. just in case.... cheap insurance.
>
> You're doing well, Scott, very well. You'll love the bright YELLOW box.
>
>
> Have a great day,
>
>
> --... ...--
> Dale - WC7S in Wy
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>
> To: pfr3_group@yahoogroups.com
> From: scnovinger@...
> Date: Fri, 31 May 2013 13:13:27 +0000

> Subject: [pfr3_group] Group 2 Smoke Test and BFO Trimmer questions
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> Hello All,
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>
> I recently finished my receiver and began the Group 2 Smoke test. I connected leads to both sides of the R1 resistor, red close to Q2 and black on the other side of R1. I connected these to the BNC connector (red to middle, black to case) and connected this to a 20m dipole antenna.
>
>
>
> I did not perform the DDS calibration of IF offset calibration due to lack of required test equipment. I did however work to calibrate the BFO trimmer. Following the manual's procedure, I was able to enter "CAL.r" mode and heard the sidetone immediately. However, I was unable to hear the BFO signal. Also, it seems as though the antenna was not picking up a signal. Perhaps I've made incorrect connections to the BNC, antenna, etc. The power source I used was a 12v dry cell battery which I use with my other QRP rigs successfully.
>
>
>
> The BFO trimmer did not have a "stop" per se, and easily traveled in continuous circles as long as I turned the screwdriver. Is this normal, or should there be stop points at the curved and flat sides?

>
>
>
> Overall, I could hear the annunciations (code), the paddles worked, I could hear a soft hum in the headsets, and the display seemed to be working ok. I suspect BFO should be trimmed once the rig is completed and hooked up to a better antenna?
>
>
>
> Does anyone have any comments regarding the BFO trimmer and lack of a BFO signal? Have I followed the procedure correctly? I'm happy so far and it seems that I'm on the path to greatness. Ha ha
>
>
>
> Thanks and 73,
>
>
>
> Scott
>
> KC9SPW
>

4117. Re: [pfr3_group] Simple 3-band Antenna for PFR-3A

Yahoo group: pfr3_group
Date: 2013-06-02 12:28:21 UTC
From: lahagar1@...
Topic: 4104 Message: 4117

I finally got around to trying a 5/8 wavelength vertical wire on 20m with the PFR-3A. The 42 foot (12.8 meter) long end fed wire antenna has a banana plug that connects to one of the balanced line terminals and is tuned using the internal Balanced Line Tuner (BLT).

This wire antenna is simple and about optimum length for low angle radiation on 14MHz when installed vertically (as I tried to do). And the 42 foot wire works well on 30m and 40m too. On 30m the antenna is a 0.43 wavelength vertical. On 40m the antenna is 0.30 wavelength.

The SWR indicator indicates a good match (complete darkening of LED) on all bands without a counterpoise wire or ground connection using the BLT.

I recorded an example of the antenna being used yesterday QSO on 30m with N8MRS/Mike in Akron, OH who was using his new Ten Tec Eagle. Even with the solar disruption and poor band conditions we still managed a nice QSO, that was finally ended only because of rain: http://youtu.be/XeOwP7JtAPU

73, Lynn/NG9D
www.YouTube.com/NG9D

4118. FS: Baby Black Widow paddle

Yahoo group: pfr3_group
Date: 2013-06-04 21:35:43 UTC
From: Jerry AA6KI
Topic: 4118 Message: 4118

I've decided to part with my Baby Black Widow paddle, Serial No. 20. I am the original owner. The paddle is in excellent condition, and has never left my shack.

$50.00. Price includes Priority Mail shipping.

Jerry AA6KI
Tucson
aa6ki@...

4119. Re: FS: Baby Black Widow paddle

Yahoo group: pfr3_group
Date: 2013-06-05 00:47:05 UTC
From: Jerry AA6KI
Topic: 4118 Message: 4119

The paddle has been sold.

Jerry AA6KI
Tucson

4120. PFR-3a BBW and encoder For Sale

Yahoo group: pfr3_group
Date: 2013-06-05 12:10:08 UTC
From: James
Topic: 4120 Message: 4120

I have PFR3 with BBW paddle and UNMOUNTED encoder for sale. Does not have silkscreened case.
$250 shipped US only

Works fine but have too much stuff.

PM me if interested

thanks K5ACO

4121. DIY4FUN Encoder

Yahoo group: pfr3_group
Date: 2013-06-06 13:30:03 UTC
From: Bob
Topic: 4121 Message: 4121

Does anyone have info on mounting a DIY4FUN Rotary Encoder with the PFR-3? I remember seeing (I think) something about mating the encoder with the PFR-3 but don't remember. Would like to add it during the initial build if possible. Thanks, Bob, k9foh.

4122. RE: [pfr3_group] DIY4FUN Encoder

Yahoo group: pfr3_group
Date: 2013-06-06 13:54:44 UTC
From: Dale Putnam
Topic: 4121 Message: 4122

Hi Bob,
The encoder requires a few components in the middle of the board be relocated to the back side, and the rest be mounted very close to the board. The encoder mounts onto the front cover, is wired to the board that is then mounted to the case. Located in the middle, just adjacent to the digi display, nearly centered top to bottom. Looking at the front case the encoder knob and display are to the right of the tuner section.
Extreme attention to fit and location, is dependent on the component placement of the main board, and the close fit of the encoder.
You may find it much easier to accomplish if you plan ahead and mount the majority of components of the main board on the back side, during the initial build, in that centralized area of the main board. That would then allow a bit more flexibility in location of the encoder without issue.
Good luck, this can be a nice feature for those that would rather twist than push.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: boblusby@...
Date: Thu, 6 Jun 2013 13:30:03 +0000
Subject: [pfr3_group] DIY4FUN Encoder

Does anyone have info on mounting a DIY4FUN Rotary Encoder with the PFR-3? I remember seeing (I think) something about mating the encoder with the PFR-3 but don't remember. Would like to add it during the initial build if possible. Thanks, Bob, k9foh.

4123. Re: DIY4FUN Encoder

Yahoo group: pfr3_group
Date: 2013-06-08 01:10:01 UTC
From: helichuck123
Topic: 4121 Message: 4123

Where can you buy this DIY4FUN Rotary Encoder for the PFR-3?

Thanks, Chuck WD8BXS

4124. Encoder for sale $35

Yahoo group: pfr3_group
Date: 2013-06-09 19:05:09 UTC
From: Bob
Topic: 4124 Message: 4124

Completed the build of the DIY4FUN encoder but think I like the stock tuning better. Looks to be a pretty tight fit to mount the encoder inside the case but it should fit nicely in a small, separate enclosure. Documentation and pictures available. Asking $35 including shipping in the lower 48. Not sure if these are still available from Miroslav or not. Contact off-list at k9foh at comcast dot net. Cheers, Bob

4125. FS by K0EVZ

Yahoo group: pfr3_group
Date: 2013-06-26 12:50:09 UTC
From: Dale Putnam
Topic: 4125 Message: 4125

Doc asked to have this posted, as he is experiencing difficulty with one of the reflectors.

Please contact him directly.

FoxHunt Summer Season coming up soon. Are you ready? This would do it just fine for you. His email is included so offers may go directly to him.

> Gang:
>
> Well, I have decided to sell my excellent and well cared for MFJ9420 transceiver. This is truly a terrific rig, for both fixed and portable use. Although compact in size, it puts out a respectable signal on both CW and SSB. Note that the optional CW module is already installed on this particular rig, and I have made lots of enjoyable QSOes with it.
>
> Price for the complete setup = only $215.00. This includes the rig, the matching Hand Mike, the CW module, *and* shipping to your CONUS address.
>
> I can hardly wait to see who will give this wonderful rig it's next happy new home!

> 73,
> Doc/K0EVZ

4126. A few more FOXii

Yahoo group: pfr3_group
Date: 2013-06-27 01:58:07 UTC
From: Dale Putnam
Topic: 4126 Message: 4126

In order to balance the spread of the FOXii, during the summer season,

we are looking for ajust a few more FOXii.. Here's the deal. Go to the webpage, and

find the link to the apps.. fill it out.. send it in.. even if you have never done it before..

the summer season is a great way to gain a bit of experience.. and a whole lot of

fun time... not to mention.. the dreaded butterfly time... but then we all get that..

What say, some of you have been hounds for a long long time.. now's the time to

jump in and be on the other side of the den door.... or is that the other side of the din????
You'll never know.. until you fill out an app.. .. .. ..

Might just as well fill it out.. and .. of course, the committee doesn't have to pick you..

so.. you could just fill one out and be on the standby list.. and that's ok too.

And for the rest of the hounds.. are you really ready????

Have the key contacts polished clean, the antennas all checked over.. and the dust off the earphones? ? ? Really?

We don't do teams for the summer.. just for the winter season.. but daylight is burning..

might be fun to keep your ears open for possible team members ??

More fun.. in 90 minutes.. than you think you can have...

shoot.. I think it is more fun than anything else... with my boots on.. .. .. ..

http://www.qrpfoxhunt.org

Have a great day,

--... ...-- Dale - WC7S in Wy

4127. EAR BUDS

Yahoo group: pfr3_group
Date: 2013-06-27 23:40:28 UTC
From: beargyrils@...
Topic: 4127 Message: 4127

I been paying $20.00 for Philips ear buds.
They sound good but would last about 6 months then one would go out.
I was in Staples yesterday and I saw a set of ear buds for $9.99.
I hooked them to my rig and they sound like they have a built in audio amp.
I tried them on the Hb1B,FT 817 and my FT 857-D,and the China rigs.
I saw some ear buds selling for $69.99.
These have to be the best sounding ear buds I ever used.
Their called EchoUnltd and CW seems so much better sounding.
Can't beat the price.
BOB AF2Q

4128. Re: EAR BUDS

Yahoo group: pfr3_group
Date: 2013-06-28 17:09:09 UTC
From: chubso81
Topic: 4127 Message: 4128

We have a place called Microcenter nearby that has some "off brand" earbud like units for very low price. They are next to the checkout line to tempt impulse buying. So far they are the best I have used. They were substantially louder than anything else I have tried. And they are NOT distorted in the raised volume.

72, JP, K8AG

--- In pfr3_group@yahoogroups.com, beargyrils@... wrote:
>
> I been paying $20.00 for Philips ear buds.
> They sound good but would last about 6 months then one would go out.
> I was in Staples yesterday and I saw a set of ear buds for $9.99.
> I hooked them to my rig and they sound like they have a built in audio
> amp.
> I tried them on the Hb1B,FT 817 and my FT 857-D,and the China rigs.
> I saw some ear buds selling for $69.99.
> These have to be the best sounding ear buds I ever used.
> Their called EchoUnltd and CW seems so much better sounding.
> Can't beat the price.
> BOB AF2Q
>

4129. Re: [pfr3_group] Re: EAR BUDS

Yahoo group: pfr3_group
Date: 2013-06-28 18:19:49 UTC
From: beargyrils@...
Topic: 4127 Message: 4129

These BUDS I have are made in Vernan,NJ.
Like the ones you have they are super loud and I no longer need that
little audio AMP I use now and then.
First set I ever had where I had to turn the audio slider down on this lap
top.
Others that looked almost the same were $49.99 and up for those tiny
things.
$9.99 and a 1 year warranty.
Can't beat that.
Bob AF2Q

In a message dated 6/28/2013 10:09:12 A.M. Pacific Daylight Time,
bigjp@... writes:

We have a place called Microcenter nearby that has some "off brand" earbud
like units for very low price. They are next to the checkout line to tempt
impulse buying. So far they are the best I have used. They were
substantially louder than anything else I have tried. And they are NOT distorted in
the raised volume.

72, JP, K8AG

4130. PFR-3 varicap hardware

Yahoo group: pfr3_group
Date: 2013-07-04 21:19:41 UTC
From: Bob
Topic: 4130 Message: 4130

I purchased two PFR-3's and two Buddy Keyers at Dayton this year. The PFR-3s were missing the hardware for mounting the knobs to the varicaps and the good hookup wire. Used excess wire from the keyer kits to finish one PFR-3 but still need some more for the second PFR-3. Did anyone else find this part shortage? I think Steve said there were nine PFR-3 kits at Dayton. I've tried contacting QRPKits at their web site via email and phone calls but get no response. I did locate some screws and spacers that will work. The size of the screw is 2.5mm with the length a little over one inch. Found the screws at Fastenal and I think they are more than just a local Lafayette, Indiana company. The spacers were from my junk-box. Cheers, Bob, k9foh.

4131. Re: [pfr3_group] PFR-3 varicap hardware

Yahoo group: pfr3_group
Date: 2013-07-04 22:08:21 UTC
From: Steven Weber
Topic: 4130 Message: 4131

Doug has been on vacation. Remember, this is basically a one man operation and he deserves some down time once in a while. He should be back on the clock soon and will no doubt start to work on the back log.

Steve KD1JV

>I purchased two PFR-3's and two Buddy Keyers at Dayton this year. The
>PFR-3s were missing the hardware for mounting the knobs to the varicaps and
>the good hookup wire. Used excess wire from the keyer kits to finish one
>PFR-3 but still need some more for the second PFR-3. Did anyone else find
>this part shortage? I think Steve said there were nine PFR-3 kits at
>Dayton. I've tried contacting QRPKits at their web site via email and
>phone calls but get no response. I did locate some screws and spacers that
>will work. The size of the screw is 2.5mm with the length a little over
>one inch. Found the screws at Fastenal and I think they are more than just
>a local Lafayette, Indiana company. The spacers were from my junk-box.
>Cheers, Bob, k9foh.

4132. FOXHUNT - 20M Summer Season opener

Yahoo group: pfr3_group
Date: 2013-07-06 13:03:37 UTC
From: Dale Putnam
Topic: 4132 Message: 4132

07/11/2013
1
K4FB
Paul
FL
2
N9NE
Todd
WI

Here are the first two FOXii up for skinning... in the Summer Season of FOXHUNTs

This very next Thursday (local), starting promptly at 0100z (Fri - GMT) or 7 pm MDT, +/- 10KHz from 14.060,

these two skilled, sly, swift foxii, will be emerging from their dens, and it will be up to you to find and grab

a pelt (qso) from each of them. There will be only two, and the following week a different two, continueing for

the entire summer season. 10 weeks, each Thursday. So dust off that qrp gear, oil up them keys, and lets get to it.

Take a look to the sky, to the last thing your shot will touch, until it smacks a FOXii, hopefully deadon. We have only

FIVE DAYS LEFT....

Whew, it has been a long dry summer, my FOX withdrawl was getting unmanageable... how about you?

See you in the pack of hounds... and good luck to all and to all a good hunt.

Have a great season,

--... ...-- Dale - WC7S in Wy

4133. Low Power Output

Yahoo group: pfr3_group
Date: 2013-07-07 20:17:42 UTC
From: CDawg
Topic: 2609 Message: 4133

I have a PFR-3a that I started building years ago (2008, maybe?). I got up to the point where you wind the BLT toroid and had to put it aside, as other priorities took over. I never got around to finishing it, until this weekend. I finished up putting the remaining parts on the board. When I got to the final checkout before putting it in the box, I got some pretty low power readings:

40M - 0.05 watts
30M - 0.25 watts
20M - 0.60 watts

I haven't done anything further with it yet. Sometime this week, I'll go back over everything I installed since the last successful test.

Oh well... Let the troubleshooting begin! :-)

73, Craig WB3GCK

4134. Re: PFR-3 varicap hardware

Yahoo group: pfr3_group
Date: 2013-07-08 01:48:42 UTC
From: helichuck123
Topic: 4130 Message: 4134

I Bought mine in Dayton also, it was missing the same stuff. He finally got them to me after 4 weeks. just keep calling the number.

Chuck

--- In pfr3_group@yahoogroups.com, "Steven Weber" <steve.kd1jv@...> wrote:
>
> Doug has been on vacation. Remember, this is basically a one man operation
> and he deserves some down time once in a while. He should be back on the
> clock soon and will no doubt start to work on the back log.
>
> Steve KD1JV
>
> >I purchased two PFR-3's and two Buddy Keyers at Dayton this year. The
> >PFR-3s were missing the hardware for mounting the knobs to the varicaps and
> >the good hookup wire. Used excess wire from the keyer kits to finish one
> >PFR-3 but still need some more for the second PFR-3. Did anyone else find
> >this part shortage? I think Steve said there were nine PFR-3 kits at
> >Dayton. I've tried contacting QRPKits at their web site via email and
> >phone calls but get no response. I did locate some screws and spacers that
> >will work. The size of the screw is 2.5mm with the length a little over
> >one inch. Found the screws at Fastenal and I think they are more than just
> >a local Lafayette, Indiana company. The spacers were from my junk-box.
> >Cheers, Bob, k9foh.
>

4135. Re: [pfr3_group] Re: PFR-3 varicap hardware

Yahoo group: pfr3_group
Date: 2013-07-08 02:53:16 UTC
From: Dale Putnam
Topic: 4130 Message: 4135

Drop an email to him and have patience.. He will get it to you.
Have a great day,
Dale - WC7S

-----Original Message-----
From: helichuck123 <helichuck@...>
Date: Mon, 8 Jul 2013 01:48:42
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Re: PFR-3 varicap hardware

I Bought mine in Dayton also, it was missing the same stuff. He finally got them to me after 4 weeks. just keep calling the number.

Chuck

--- In pfr3_group@yahoogroups.com <mailto:pfr3_group%40yahoogroups.com> , "Steven Weber" <steve.kd1jv@...> wrote:
>
> Doug has been on vacation. Remember, this is basically a one man operation
> and he deserves some down time once in a while. He should be back on the
> clock soon and will no doubt start to work on the back log.
>
> Steve KD1JV
>
> >I purchased two PFR-3's and two Buddy Keyers at Dayton this year. The
> >PFR-3s were missing the hardware for mounting the knobs to the varicaps and
> >the good hookup wire. Used excess wire from the keyer kits to finish one
> >PFR-3 but still need some more for the second PFR-3. Did anyone else find
> >this part shortage? I think Steve said there were nine PFR-3 kits at
> >Dayton. I've tried contacting QRPKits at their web site via email and
> >phone calls but get no response. I did locate some screws and spacers that
> >will work. The size of the screw is 2.5mm with the length a little over
> >one inch. Found the screws at Fastenal and I think they are more than just
> >a local Lafayette, Indiana company. The spacers were from my junk-box.
> >Cheers, Bob, k9foh.
>

4136. Re: Low Power Output

Yahoo group: pfr3_group
Date: 2013-07-08 19:05:23 UTC
From: CDawg
Topic: 2609 Message: 4136

Thanks to those who replied off-list with suggestions.

I powered up the rig this afternoon to rule out a suspect piece of coax cable going to the watt meter and dummy load. The low power problem still existed. I measured the rig's current draw. When keyed, it appeared to be drawing about what I would expect -- in the neighborhood of 800ma.

Things went slightly downhill from there. At some point, I couldn't key up the transmitter at all any more. It doesn't seem to be recognizing paddles or straight key when connected. I can still hear sidetone when I change from iambic A to B, etc., though.

In any event, at this point, I'm going into inspection mode to see if there are any obvious problems I can spot.

The saga continues... :-)

73, Craig WB3GCK

--- In pfr3_group@yahoogroups.com, "CDawg" <wb3gck@...> wrote:
>
> I have a PFR-3a that I started building years ago (2008, maybe?). I got up to the point where you wind the BLT toroid and had to put it aside, as other priorities took over. I never got around to finishing it, until this weekend. I finished up putting the remaining parts on the board. When I got to the final checkout before putting it in the box, I got some pretty low power readings:
>
> 40M - 0.05 watts
> 30M - 0.25 watts
> 20M - 0.60 watts
>
> I haven't done anything further with it yet. Sometime this week, I'll go back over everything I installed since the last successful test.
>
> Oh well... Let the troubleshooting begin! :-)
>
> 73, Craig WB3GCK
>

4137. PFR-3 kit for sale

Yahoo group: pfr3_group
Date: 2013-07-10 18:17:45 UTC
From: Jerry AA6KI
Topic: 4137 Message: 4137

I have an original PFR-3 kit (unbuilt) for sale. This is the first version with the silk screen enclosure. The buyer will receive the kit exactly as it was when I bought it.

Price: $160 plus shipping and insurance costs.

U.S. addresses only, and please reply off-list if interested.

Jerry AA6KI
Tucson

4138. FOX: SEASON OPENS

Yahoo group: pfr3_group
Date: 2013-07-10 22:14:17 UTC
From: Dale Putnam
Topic: 4138 Message: 4138

The summer fox hunt season begins tomorrow, Thursday evening at 8 pm CDT (0100z Friday, August 12). Your foxes are Paul, K4FB in FL, and Todd, N9NE in WI. The hunt lasts for 90 minutes and takes place between 14.050 and 14.070. Both foxes will operate split (usually up 1 KHz or so) but may go to simplex later in the hunt. A description of the hunt and its rules are found on the QRP Fox Hunt website at http://www.qrpfoxhunt.org/

You are cordially invited to join in on the fun!

Have a great day,

--... ...--
Dale - WC7S in Wy

4139. Re: [pfr3_group] PFR-3 kit for sale

Yahoo group: pfr3_group
Date: 2013-07-10 23:26:11 UTC
From: Stephen Smith
Topic: 4137 Message: 4139

Hello Jerry,

I'll buy that kit if still available.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Jerry AA6KI" <jpalsson@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3 kit for sale
Date: Wed, 10 Jul 2013 18:17:45 -0000

I have an original PFR-3 kit (unbuilt) for sale. This is the first version with the silk screen enclosure. The buyer will receive the kit exactly as it was when I bought it.

Price: $160 plus shipping and insurance costs.

U.S. addresses only, and please reply off-list if interested.

Jerry AA6KI
Tucson

Yahoo! Groups Links

4140. Re: PFR-3 kit for sale

Yahoo group: pfr3_group
Date: 2013-07-11 02:51:34 UTC
From: Jerry AA6KI
Topic: 4137 Message: 4140

The kit has been sold. Thanks for the bandwidth.

--- In pfr3_group@yahoogroups.com, "Jerry AA6KI" <jpalsson@...> wrote:
>
> I have an original PFR-3 kit (unbuilt) for sale. This is the first version with the silk screen enclosure. The buyer will receive the kit exactly as it was when I bought it.
>
> Price: $160 plus shipping and insurance costs.
>
> U.S. addresses only, and please reply off-list if interested.
>
> Jerry AA6KI
> Tucson
>

4141. Your Speed CW

Yahoo group: pfr3_group
Date: 2013-07-14 13:41:59 UTC
From: Dale Putnam
Topic: 4141 Message: 4141

NAQCC Rocky Mtn Regional/Continental QRS net (RMR)
Tuesday afternoons 3:00 PM Mountain Time, which is Tuesday 2100 UTC, on
14062.5 kHz.
AND
Thursday afternoons 3:00 PM Mountain Time, which is Thursday 2100 UTC,
on 14062.5 kHz.
Main NCS - Dale WC7S (in WY)

I'm usually ready by 2:45 MT or 2045z
And everyone gets to chat for a few minutes.
AT YOUR SPEED... so call in with your full call,
and I will match you.

The props have been pretty poor, so if you have a better time to suggest,
please do so.

C U and Thank you

Have a great day,

--... ...--
Dale - WC7S in Wy

4142. PFR-3a Carrying Case?

Yahoo group: pfr3_group
Date: 2013-07-18 19:56:49 UTC
From: CDawg
Topic: 4142 Message: 4142

Just curious as to what folks are using to carry their PFR-3s in when they go portable.

73, Craig WB3GCK

4143. Re: [pfr3_group] PFR-3a Carrying Case?

Yahoo group: pfr3_group
Date: 2013-07-18 20:16:25 UTC
From: Roberto Salazar
Topic: 4142 Message: 4143

I use a tablet pc rubberized cover.
Protects it well and is not big fitting correctly the PFR-3s size.

Rob
YS1RS

From: CDawg <wb3gck@...>
To: pfr3_group@yahoogroups.com
Sent: Thursday, July 18, 2013 1:56 PM
Subject: [pfr3_group] PFR-3a Carrying Case?

Just curious as to what folks are using to carry their PFR-3s in when they go portable.

73, Craig WB3GCK

4144. RE: [pfr3_group] PFR-3a Carrying Case?

Yahoo group: pfr3_group
Date: 2013-07-18 22:02:57 UTC
From: Dale Putnam
Topic: 4142 Message: 4144

Remember the first cell phones.. called pack phones? Had a nifty
case with a carry strap?... that fits the PFR3 just great.. has room for a
roll of Teflon wire, and logging pad, with leftover room for a snack.
Velcro closer too.
OR..
I sling it into the saddle bag, when I saddle up.. and ride over the next hill.
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ys1rs@...
Date: Thu, 18 Jul 2013 13:16:25 -0700
Subject: Re: [pfr3_group] PFR-3a Carrying Case?

I use a tablet pc rubberized cover.
Protects it well and is not big fitting correctly the PFR-3s size.

Rob
YS1RS

From: CDawg <wb3gck@...>
To: pfr3_group@yahoogroups.com
Sent: Thursday, July 18, 2013 1:56 PM
Subject: [pfr3_group] PFR-3a Carrying Case?

Just curious as to what folks are using to carry their PFR-3s in when they go portable.

73, Craig WB3GCK

4145. Re: [pfr3_group] PFR-3a Carrying Case?

Yahoo group: pfr3_group
Date: 2013-07-19 04:30:04 UTC
From: Inoue Kumekazu (JG3MVG)
Topic: 4142 Message: 4145

I made a small box by wood.
I uploaded some photo in album. It's easy to operate when open a box.

From: CDawg <wb3gck@...>
Reply-To: <pfr3_group@yahoogroups.com>
Date: 2013年7月19日金曜日 4:56
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] PFR-3a Carrying Case?

Just curious as to what folks are using to carry their PFR-3s in when they
go portable.

73, Craig WB3GCK

4146. optimum length for an end fed antenna to cover 40-30-20 metres with the PFR-3

Yahoo group: pfr3_group
Date: 2013-07-24 13:27:14 UTC
From: Bradford
Topic: 4146 Message: 4146

What length wire is the group using for their end fed wire antennas that will cover the 40, 30, and 20 meter bands ?? With or without a counterpoise, if with a counterpoise how long??
Tnx es 73
Brad N1VWD

4147. RE: [pfr3_group] optimum length for an end fed antenna to cover 40-30-20 metres with the PFR-3

Yahoo group: pfr3_group
Date: 2013-07-24 14:54:45 UTC
From: Keith Williams
Topic: 4146 Message: 4147

I tend to use 24' radiator and a 24' counterpoise with my K1 and KX1 for those bands...maybe it would also be ok for the PFR3?
Cheers
Keith GW4OKT

To: pfr3_group@yahoogroups.com
From: n1vwd@...
Date: Wed, 24 Jul 2013 13:27:14 +0000
Subject: [pfr3_group] optimum length for an end fed antenna to cover 40-30-20 metres with the PFR-3

What length wire is the group using for their end fed wire antennas that will cover the 40, 30, and 20 meter bands ?? With or without a counterpoise, if with a counterpoise how long??

Tnx es 73

Brad N1VWD

4148. Re: [pfr3_group] optimum length for an end fed antenna to cover 40-30-20 metres with the PFR-3

Yahoo group: pfr3_group
Date: 2013-07-24 19:05:48 UTC
From: CT1BWW Portuguese Amateur Radio Station
Topic: 4146 Message: 4148
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Brad

Try thist... will be great :-)

After that give me your comments!

73s frm Marq...ct1 "bravo willy willy"
Portuguese Amateur Radio Station
"We are what we comunicate!"
http://www.ct1bww.com
http://www.qsl.net/ct1bww

> What length wire is the group using for their end fed wire antennas that
> will cover the 40, 30, and 20 meter bands ?? With or without a
> counterpoise, if with a counterpoise how long??
> Tnx es 73
> Brad N1VWD
>
>

4149. Re: PFR-3a Carrying Case?

Yahoo group: pfr3_group
Date: 2013-07-25 14:58:05 UTC
From: chubso81
Topic: 4142 Message: 4149

I use a small camcorder case. Padded and protects the rig. Lots of pockets for things like a wire antenna and such.

72, JP, K8AG

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
> Remember the first cell phones.. called pack phones? Had a nifty
> case with a carry strap?... that fits the PFR3 just great.. has room for a
> roll of Teflon wire, and logging pad, with leftover room for a snack.
> Velcro closer too.
> OR..
> I sling it into the saddle bag, when I saddle up.. and ride over the next hill.
> Have a great day,
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> --... ...--
> Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
> From: ys1rs@...
> Date: Thu, 18 Jul 2013 13:16:25 -0700
> Subject: Re: [pfr3_group] PFR-3a Carrying Case?
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> I use a tablet pc rubberized cover.
> Protects it well and is not big fitting correctly the PFR-3s size.
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> Rob
> YS1RS
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>
> From: CDawg <wb3gck@...>
> To: pfr3_group@yahoogroups.com
> Sent: Thursday, July 18, 2013 1:56 PM
> Subject: [pfr3_group] PFR-3a Carrying Case?
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> Just curious as to what folks are using to carry their PFR-3s in when they go portable.
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> 73, Craig WB3GCK
>

4150. Re: [pfr3_group] optimum length for an end fed antenna to cover 40-30-20 metres with the PFR-3

Yahoo group: pfr3_group
Date: 2013-07-26 13:01:18 UTC
From: lahagar1@...
Topic: 4146 Message: 4150

Hi Brad,

The simplest single piece wire antenna I have found that can be tuned on all three bands using the PFR-3A internal tuner is a 42 ft end fed. It did not require a counterpoise in this set up:

http://www.youtube.com/watch?v=XeOwP7JtAPU&feature=share&list=UURdA_pzS1kJ3LEr2qP9jPHw

Up to about 5/8 wave length is the maximum length for low angle radiation when installed vertically. Longer vertical antennas will develop high angle radiation lobes. So on 20m, if you install a vertical wire too much longer than 40 feet it will be somewhat less effective for DX.

However, low angle radiation is not always the most desirable. It depends on how you want the RF reflected. For higher angle radiation, the wire can also be bent over at an angle, more horizontally.

Installed in that manner, or in an inverted-L, that opens up the possibility for using other lengths of wire too. I have found that other lengths can be tuned on all three bands with the PFR-3A directly as end-fed with/without counterpoise or with various open or coaxial feed lines.

But this single piece wire, about 42 feet long, is probably one of the simplest that offers good performance.

73,

Lynn
NG9D
www.YouTube.com/NG9D

-----Original Message-----
From: Bradford <n1vwd@arrl.net>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Jul 24, 2013 8:27 am
Subject: [pfr3_group] optimum length for an end fed antenna to cover 40-30-20 metres with the PFR-3

What length wire is the group using for their end fed wire antennas that will cover the 40, 30, and 20 meter bands ?? With or without a counterpoise, if with a counterpoise how long??
Tnx es 73
Brad N1VWD

4151. FS AT 3a 80-20m

Yahoo group: pfr3_group
Date: 2013-07-26 18:50:57 UTC
From: Dale Putnam
Topic: 4151 Message: 4151
Attachments: 4 described; binary payloads are missing from this source WARC

FOR SALE:
A complete, working, guaranteed, ready to go with you... AT3a meets specs... actually does better.
Been mounted in two or three different boxes, but now resides in a flip top blue striped home, that
houses both the radio and the extra filters.
More-Photos on request.
It is a fun little radio, been taken on vacation to N. C. so it went through local air worthiness inspections.
Has never been packed around on foot, but give it credit for miles flown.
I want everyone that wants this cool radio to have a chance at it. This is how it will work this time:
I will take offers, direct email, not through any reflector, or by any other means, through Sunday evening 7pm MT or
0100 z. At which time the offers will be evaluated. The chosen winner will be contacted immediately, and the radio will be
shipped via Priority Flat Rate on Monday morning. So, if you make an offer, and expect to win, pay attention to your email
on Sunday evening. This will provide access to all for the rest of today and two more days.
Understand that my financial situation demands this and likely other radios too... and I am not entirely happy with letting
go, so convince me that the little guy will be taken good care of, too. The highest bidder, that doesn't convince me that the radio
will be cared for... won't win. No points aren't taken away for spelling errors, either, but multiple bids from the same originator
lose points rapidly.
Thank you for the bandwidth, and keep responses direct, please.

Have a great day,

--... ...--
Dale - WC7S in Wy

4152. Re: [pfr3_group] optimum length for an end fed antenna to cover 40-30-20 metr...

Yahoo group: pfr3_group
Date: 2013-07-26 23:56:21 UTC
From: beargyrils@...
Topic: 4152 Message: 4152

Nice U tube movies Lynn.
About the end fed I use nothing but 65 feet of wire.
Another time I used that wire and put the tuner on it ant got it darn near vertical with a kite.
I then put on 86 feet of coax and the kite pulled it up with no problem.
The only thing you can't do it retune when that tuner is up there..
I was told the more wire,the higher wire will get more contacts because you have more capture area,but I have used shorter wires with a UNUN but I noticed right off the 65 foot wire did much better
Just my 2 cents worth on the topic.
BOB AF2Q

In a message dated 7/26/2013 6:05:25 A.M. Pacific Daylight Time, lahagar1@... writes:

Hi Brad,

The simplest single piece wire antenna I have found that can be tuned on all three bands using the PFR-3A internal tuner is a 42 ft end fed. It did not require a counterpoise in this set up:

http://www.youtube.com/watch?v=XeOwP7JtAPU&feature=share&list=UURdA_pzS1kJ3LEr2qP9jPHw

Up to about 5/8 wave length is the maximum length for low angle radiation when installed vertically. Longer vertical antennas will develop high angle radiation lobes. So on 20m, if you install a vertical wire too much longer than 40 feet it will be somewhat less effective for DX.

However, low angle radiation is not always the most desirable. It depends on how you want the RF reflected. For higher angle radiation, the wire can also be bent over at an angle, more horizontally.

Installed in that manner, or in an inverted-L, that opens up the possibility for using other lengths of wire too. I have found that other lengths can be tuned on all three bands with the PFR-3A directly as end-fed with/without counterpoise or with various open or coaxial feed lines.

But this single piece wire, about 42 feet long, is probably one of the simplest that offers good performance.

73,

Lynn
NG9D
www.YouTube.com/NG9D (http://www.youtube.com/NG9D)

-----Original Message-----
From: Bradford <n1vwd@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Jul 24, 2013 8:27 am
Subject: [pfr3_group] optimum length for an end fed antenna to cover
40-30-20 metres with the PFR-3

What length wire is the group using for their end fed wire antennas that
will cover the 40, 30, and 20 meter bands ?? With or without a counterpoise,
if with a counterpoise how long??
Tnx es 73
Brad N1VWD

4153. Iambic B

Yahoo group: pfr3_group
Date: 2013-07-28 01:12:30 UTC
From: CDawg
Topic: 4153 Message: 4153

I finally got my PFR-3a on the air today. Steve Weber managed to spot a stupid mistake I made and, while he had the rig, he upgraded the firmware to the latest version and did the calibration. If I don't get rained out tomorrow, I'll give it a field test in the FOBB contest.

Has anyone noticed any issues when using the keyer in iambic B mode? I've been using mode B for many years with a lot of different keyers. When I squeeze both paddles simultaneously, I expect to get alternating didahdidah... or dahdidahdit..., depending on which paddle was pressed first. However, in this rig, I only get a steady dashes, regardless of which paddle was pressed first. Iambic A appears to be operating normally (although I never really used the A mode.) I've tried several paddles with the same results.

If you're the kind of CW op who sends a character "C" with four distinct, alternating paddle presses (i.e., finger-thumb-finger-thumb), you'd probably never notice what I'm talking about. If you use the iambic feature and send a C with two simultaneous paddle presses (finger-thumb then held together), you would see this, if it exists in your rig.

Just curious if others have seen this. For now, I guess, I'll use an external keyer.

Otherwise, it looks like it's going to be a fun little rig.

73, Craig WB3GCK

4154. RE: [pfr3_group] Iambic B

Yahoo group: pfr3_group
Date: 2013-07-28 01:20:20 UTC
From: Dale Putnam
Topic: 4153 Message: 4154

Hi Craig,
Does it act like that in both a and b modes?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: wb3gck@...
Date: Sun, 28 Jul 2013 01:12:30 +0000
Subject: [pfr3_group] Iambic B

I finally got my PFR-3a on the air today. Steve Weber managed to spot a stupid mistake I made and, while he had the rig, he upgraded the firmware to the latest version and did the calibration. If I don't get rained out tomorrow, I'll give it a field test in the FOBB contest.

Has anyone noticed any issues when using the keyer in iambic B mode? I've been using mode B for many years with a lot of different keyers. When I squeeze both paddles simultaneously, I expect to get alternating didahdidah... or dahdidahdit..., depending on which paddle was pressed first. However, in this rig, I only get a steady dashes, regardless of which paddle was pressed first. Iambic A appears to be operating normally (although I never really used the A mode.) I've tried several paddles with the same results.

If you're the kind of CW op who sends a character "C" with four distinct, alternating paddle presses (i.e., finger-thumb-finger-thumb), you'd probably never notice what I'm talking about. If you use the iambic feature and send a C with two simultaneous paddle presses (finger-thumb then held together), you would see this, if it exists in your rig.

Just curious if others have seen this. For now, I guess, I'll use an external keyer.

Otherwise, it looks like it's going to be a fun little rig.

73, Craig WB3GCK

4155. Re: Iambic B

Yahoo group: pfr3_group
Date: 2013-07-28 01:24:56 UTC
From: CDawg
Topic: 4153 Message: 4155

```
Mode A appears to be OK. -- Craig

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
> Hi Craig,
> Does it act like that in both a and b modes?
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> Have a great day,
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> --... ...--
> Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
> From: wb3gck@...
> Date: Sun, 28 Jul 2013 01:12:30 +0000
> Subject: [pfr3_group] Iambic B
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> I finally got my PFR-3a on the air today. Steve Weber managed to spot a stupid mistake I made and, while he had the rig, he upgraded the firmware to the latest version and did the calibration. If I don't get rained out tomorrow, I'll give it a field test in the FOBB contest.
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> Has anyone noticed any issues when using the keyer in iambic B mode? I've been using mode B for many years with a lot of different keyers. When I squeeze both paddles simultaneously, I expect to get alternating didahdidah... or dahdidahdit..., depending on which paddle was pressed first. However, in this rig, I only get a steady dashes, regardless of which paddle was pressed first. Iambic A appears to be operating normally (although I never really used the A mode.) I've tried several paddles with the same results.
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> Just curious if others have seen this. For now, I guess, I'll use an external keyer.
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> Otherwise, it looks like it's going to be a fun little rig.
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> 73, Craig WB3GCK
>

4156. RE: [pfr3_group] Re: Iambic B

Yahoo group: pfr3_group
Date: 2013-07-28 01:38:31 UTC
From: Dale Putnam
Topic: 4153 Message: 4156

Hi Craig,
When you step through with the mode button, two times.. does it end in "a" both times? Or does it end with "b" one of those times?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: wb3gck@...
Date: Sun, 28 Jul 2013 01:24:56 +0000
Subject: [pfr3_group] Re: Iambic B

Mode A appears to be OK. -- Craig

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:

>

> Hi Craig,

> Does it act like that in both a and b modes?

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> Have a great day,

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> --... ...--

> Dale - WC7S in Wy

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> To: pfr3_group@yahoogroups.com

> From: wb3gck@...

> Date: Sun, 28 Jul 2013 01:12:30 +0000

> Subject: [pfr3_group] Iambic B

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> Just curious if others have seen this. For now, I guess, I'll use an external keyer.

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> Otherwise, it looks like it's going to be a fun little rig.

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> 73, Craig WB3GCK

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4157. Re: Iambic B

Yahoo group: pfr3_group
Date: 2013-07-28 01:53:57 UTC
From: CDawg
Topic: 4153 Message: 4157

It alternates. First time it ends with A, next time it ends in B.

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
> Hi Craig,
> When you step through with the mode button, two times.. does it end in "a" both times? Or does it end with "b" one of those times?
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> Have a great day,
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> --... ...--
> Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
> From: wb3gck@...
> Date: Sun, 28 Jul 2013 01:24:56 +0000
> Subject: [pfr3_group] Re: Iambic B
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> Mode A appears to be OK. -- Craig
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> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
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> > Hi Craig,
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> > Does it act like that in both a and b modes?
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> > Dale - WC7S in Wy
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> > To: pfr3_group@yahoogroups.com
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> > From: wb3gck@
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> > Date: Sun, 28 Jul 2013 01:12:30 +0000
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> > Subject: [pfr3_group] Iambic B
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> > Has anyone noticed any issues when using the keyer in iambic B mode? I've been using mode B for many years with a lot of different keyers. When I squeeze both paddles simultaneously, I expect to get alternating didahdidah... or dahdidahdit..., depending on which paddle was pressed first. However, in this rig, I only get a steady dashes, regardless of which paddle was pressed first. Iambic A appears to be operating normally (although I never really used the A mode.) I've tried several paddles with the same results.
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> > If you're the kind of CW op who sends a character "C" with four distinct, alternating paddle presses (i.e., finger-thumb-finger-thumb), you'd probably never notice what I'm talking about. If you use the iambic feature and send a C with two simultaneous paddle presses (finger-thumb then held together), you would see this, if it exists in your rig.
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> > Just curious if others have seen this. For now, I guess, I'll use an external keyer.
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> > Otherwise, it looks like it's going to be a fun little rig.
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> > 73, Craig WB3GCK
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4158. RE: [pfr3_group] Re: Iambic B

Yahoo group: pfr3_group
Date: 2013-07-28 03:34:44 UTC
From: Dale Putnam
Topic: 4153 Message: 4158

Hi Craig,
And how does the paddle work for you, after you step through the menu until it reads "b", and it returns to
operate?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: wb3gck@...
Date: Sun, 28 Jul 2013 01:53:57 +0000
Subject: [pfr3_group] Re: Iambic B

It alternates. First time it ends with A, next time it ends in B.

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:

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> Hi Craig,

> When you step through with the mode button, two times.. does it end in "a" both times? Or does it end with "b" one of those times?

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> Have a great day,

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> --... ...--

> Dale - WC7S in Wy

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> To: pfr3_group@yahoogroups.com

> From: wb3gck@...

> Date: Sun, 28 Jul 2013 01:24:56 +0000

> Subject: [pfr3_group] Re: Iambic B

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> Mode A appears to be OK. -- Craig

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> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:

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> > Have a great day,

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> > Dale - WC7S in Wy

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> > To: pfr3_group@yahoogroups.com

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> > From: wb3gck@

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> > Date: Sun, 28 Jul 2013 01:12:30 +0000

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> > Subject: [pfr3_group] Iambic B

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> > Has anyone noticed any issues when using the keyer in iambic B mode? I've been using mode B for many years with a lot of different keyers. When I squeeze both paddles simultaneously, I expect to get alternating didahdidah... or dahdidahdit..., depending on which paddle was pressed first. However, in this rig, I only get a steady dashes, regardless of which paddle was pressed first. Iambic A appears to be operating normally (although I never really used the A mode.) I've tried several paddles with the same results.

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> > Otherwise, it looks like it's going to be a fun little rig.

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> > 73, Craig WB3GCK

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4159. Re: Iambic B

Yahoo group: pfr3_group
Date: 2013-07-28 11:59:21 UTC
From: CDawg
Topic: 4153 Message: 4159

Dale:

When I put it in B mode, I see the issue mentioned in my first post. When in A, it seems to be operating normally.

From the manual:

"In B mode, alternating code elements are also sent when both paddles are closed, but this time an extra and opposite code element will be tacked on the end of the string when the paddles are released. Therefore, to send a letter such as "K", you just have to close the dash paddle first, then close the dot paddle and release both paddles when the dot starts to be sent. dah-dit-dah will be automatically sent."

The description of mode B in the manual is correct, however, it's the alternating code elements that I'm not seeing in mode B. Instead, I'm getting a string of dashes when both paddles are closed simultaneously.

73, Craig WB3GCK

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
> Hi Craig,
> And how does the paddle work for you, after you step through the menu until it reads "b", and it returns to
> operate?
>
> Have a great day,
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> --... ...--
> Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
> From: wb3gck@...
> Date: Sun, 28 Jul 2013 01:53:57 +0000
> Subject: [pfr3_group] Re: Iambic B
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> It alternates. First time it ends with A, next time it ends in B.
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> --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
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> > Hi Craig,
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> > When you step through with the mode button, two times.. does it end in "a" both times? Or does it end with "b" one of those times?
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> > Have a great day,
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> > Dale - WC7S in Wy
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> > To: pfr3_group@yahoogroups.com
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> > From: wb3gck@
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> > Date: Sun, 28 Jul 2013 01:24:56 +0000
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> > Subject: [pfr3_group] Re: Iambic B
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> > Mode A appears to be OK. -- Craig
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> > --- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@> wrote:
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> > > To: pfr3_group@yahoogroups.com
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> > > From: wb3gck@
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> > > Date: Sun, 28 Jul 2013 01:12:30 +0000
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> > > Subject: [pfr3_group] Iambic B
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> > > I finally got my PFR-3a on the air today. Steve Weber managed to spot a stupid mistake I made and, while he had the rig, he upgraded the firmware to the latest version and did the calibration. If I don't get rained out tomorrow, I'll give it a field test in the FOBB contest.
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> > > Has anyone noticed any issues when using the keyer in iambic B mode? I've been using mode B for many years with a lot of different keyers. When I squeeze both paddles simultaneously, I expect to get alternating didahdidah... or dahdidahdit..., depending on which paddle was pressed first. However, in this rig, I only get a steady dashes, regardless of which paddle was pressed first. Iambic A appears to be operating normally (although I never really used the A mode.) I've tried several paddles with the same results.
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> > > 73, Craig WB3GCK
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4160. RE: [pfr3_group] Re: Iambic B

Yahoo group: pfr3_group
Date: 2013-07-28 12:24:08 UTC
From: Dale Putnam
Topic: 4153 Message: 4160

Hi Craig,
That makes me lean toward reprogramming the processor. Might be Steve could help? He's closer.
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: wb3gck@...
Date: Sun, 28 Jul 2013 11:59:21 +0000
Subject: [pfr3_group] Re: Iambic B

Dale:

When I put it in B mode, I see the issue mentioned in my first post. When in A, it seems to be operating normally.

From the manual:

"In B mode, alternating code elements are also sent when both paddles are closed, but this time an extra and opposite code element will be tacked on the end of the string when the paddles are released. Therefore, to send a letter such as "K", you just have to close the dash paddle first, then close the dot paddle and release both paddles when the dot starts to be sent. dah-dit-dah will be automatically sent."

The description of mode B in the manual is correct, however, it's the alternating code elements that I'm not seeing in mode B. Instead, I'm getting a string of dashes when both paddles are closed simultaneously.

73, Craig WB3GCK

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:

>

> Hi Craig,

> And how does the paddle work for you, after you step through the menu until it reads "b", and it returns to

> operate?

>

> Have a great day,

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> --... ...--

> Dale - WC7S in Wy

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> To: pfr3_group@yahoogroups.com

> From: wb3gck@...

> Date: Sun, 28 Jul 2013 01:53:57 +0000

> Subject: [pfr3_group] Re: Iambic B

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> > Dale - WC7S in Wy

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> > To: pfr3_group@yahoogroups.com

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> > Date: Sun, 28 Jul 2013 01:24:56 +0000

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> > Subject: [pfr3_group] Re: Iambic B

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> > > 73, Craig WB3GCK

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4161. RE: [AT_Sprint] FS AT 3a 80-20m

Yahoo group: pfr3_group
Date: 2013-07-29 02:26:08 UTC
From: Dale Putnam
Topic: 4151 Message: 4161

Thank you for all the response.
The little fellow has a new home, headed off first thing in the morning.
Thanks for the bandwidth.

Have a great day,

--... ...--
Dale - WC7S in Wy

4162. PFR3 paddles for sale

Yahoo group: pfr3_group
Date: 2013-07-30 04:51:19 UTC
From: Joel
Topic: 4162 Message: 4162

Greetings to the group,

I have one of the original PFR3 radios, and I purchased the custom paddles for it that fit on the front.

I am upgrading to a different set of paddles, and will not need these any more.

If anyone is interested let me know (you can email me directly if you wish). I don't remember what I paid for them originally, but I was thinking $25 + shipping. I do have PayPal.

Let me know if anyone is interested,
Thanks,
Joel
KD6AGW

4163. Re: [pfr3_group] PFR3 paddles for sale

Yahoo group: pfr3_group
Date: 2013-07-30 05:06:01 UTC
From: Stephen Smith
Topic: 4162 Message: 4163

Hi Joel,

I'll go for that as long as the shipping doesn't get crazy. Yes, I'm cheap.

73.......Steve Smith WB6TNL
"Snort Rosin"

---------- Original Message ----------
From: "Joel" <jtrenalone@...>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3 paddles for sale
Date: Tue, 30 Jul 2013 04:51:19 -0000

Greetings to the group,

I have one of the original PFR3 radios, and I purchased the custom paddles for it that fit on the front.

I am upgrading to a different set of paddles, and will not need these any more.

If anyone is interested let me know (you can email me directly if you wish). I don't remember what I paid for them originally, but I was thinking $25 + shipping. I do have PayPal.

Let me know if anyone is interested,
Thanks,
Joel
KD6AGW

Yahoo! Groups Links

4164. Re: PFR3 paddles for sale

Yahoo group: pfr3_group
Date: 2013-07-31 03:09:58 UTC
From: Joel
Topic: 4162 Message: 4164

SOLD...thanks for your interest
Joel

--- In pfr3_group@yahoogroups.com, "Joel" <jtrenalone@...> wrote:
>
> Greetings to the group,
>
> I have one of the original PFR3 radios, and I purchased the custom paddles for it that fit on the front.
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> I am upgrading to a different set of paddles, and will not need these any more.
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> If anyone is interested let me know (you can email me directly if you wish). I don't remember what I paid for them originally, but I was thinking $25 + shipping. I do have PayPal.
>
> Let me know if anyone is interested,
> Thanks,
> Joel
> KD6AGW
>

4165. Sidetone volume

Yahoo group: pfr3_group
Date: 2013-08-04 02:06:43 UTC
From: John Farmer
Topic: 4165 Message: 4165

Hi All,

The sidetone volume on my PFA3a is a bit loud for comfort through my headphones. What's the best way to reduce the volume of the sidetone? Anyone experimented with this?

Thanks,

John
VK7JB

4166. RE: [pfr3_group] Sidetone volume

Yahoo group: pfr3_group
Date: 2013-08-04 03:24:10 UTC
From: Dale Putnam
Topic: 4165 Message: 4166

Hi John,

Swapping out the R4 for a higher value... or putting a 50k vol pot to ground... like a vol pot.. will work. Personally I like a 10me pot inplace of r14.

Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: zendoc@...
Date: Sun, 4 Aug 2013 02:06:43 +0000
Subject: [pfr3_group] Sidetone volume

Hi All,

The sidetone volume on my PFA3a is a bit loud for comfort through my headphones. What's the best way to reduce the volume of the sidetone? Anyone experimented with this?

Thanks,

John
VK7JB

4167. Re: Sidetone volume

Yahoo group: pfr3_group
Date: 2013-08-04 10:09:43 UTC
From: John Farmer
Topic: 4165 Message: 4167

Thanks Dale - I'll play with R14.

Cheers and good day to you also,

John
VK7JB

--- In pfr3_group@yahoogroups.com, Dale Putnam <daleputnam@...> wrote:
>
> Hi John,
>
> Swapping out the R4 for a higher value... or putting a 50k vol pot to ground... like a vol pot.. will work. Personally I like a 10me pot inplace of r14.
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> Have a great day,
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> Hi All,
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>
> Thanks,
>
> John
> VK7JB
>

4168. PFR acting up

Yahoo group: pfr3_group
Date: 2013-08-05 00:44:39 UTC
From: PaulS
Topic: 4168 Message: 4168

I haven't been on the air for a while, the kitchen was under construction and my new station is in the corner.
I hooked up my PFR3 and it seems to be stuck in tune mode. The rit button seems to turn it of and on. And the freq buttons seem to do what they are supposed to.. Any ideas of what I should try. I have cycled all the buttons, turned it off and on to no avail. Is there a reset procedure for
TIA de Paul N0NBD

4169. RE: [pfr3_group] PFR acting up

Yahoo group: pfr3_group
Date: 2013-08-05 00:49:41 UTC
From: Dale Putnam
Topic: 4168 Message: 4169

What does it do when you power it on without a key or paddle plugged in?

That should clear the "stuck in straight key" mode... can the menu button

step though the normal steps?

Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: psmith61@...
Date: Mon, 5 Aug 2013 00:44:39 +0000
Subject: [pfr3_group] PFR acting up

I haven't been on the air for a while, the kitchen was under construction and my new station is in the corner.
I hooked up my PFR3 and it seems to be stuck in tune mode. The rit button seems to turn it of and on. And the freq buttons seem to do what they are supposed to.. Any ideas of what I should try. I have cycled all the buttons, turned it off and on to no avail. Is there a reset procedure for
TIA de Paul N0NBD

4170. Re: [pfr3_group] PFR acting up

Yahoo group: pfr3_group
Date: 2013-08-05 01:08:34 UTC
From: Paul Smith
Topic: 4168 Message: 4170

Yep that did it!!!!!!! Thanks Dale

de Paul N0NBD

Sent from my iPad

On Aug 4, 2013, at 7:49 PM, Dale Putnam <daleputnam@...> wrote:

> What does it do when you power it on without a key or paddle plugged in?
> That should clear the "stuck in straight key" mode... can the menu button
> step though the normal steps?
>
> Have a great day,
>
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> --... ...-- Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
> From: psmith61@...
> Date: Mon, 5 Aug 2013 00:44:39 +0000
> Subject: [pfr3_group] PFR acting up
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> I haven't been on the air for a while, the kitchen was under construction and my new station is in the corner.
> I hooked up my PFR3 and it seems to be stuck in tune mode. The rit button seems to turn it of and on. And the freq buttons seem to do what they are supposed to.. Any ideas of what I should try. I have cycled all the buttons, turned it off and on to no avail. Is there a reset procedure for
> TIA de Paul N0NBD
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>

4171. RE: [pfr3_group] PFR acting up

Yahoo group: pfr3_group
Date: 2013-08-05 01:16:32 UTC
From: Dale Putnam
Topic: 4168 Message: 4171

You're welcome, Happy to help.

Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: psmith61@...
Date: Sun, 4 Aug 2013 20:08:34 -0500
Subject: Re: [pfr3_group] PFR acting up

Yep that did it!!!!!!! Thanks Dale

de Paul N0NBD

Sent from my iPad

On Aug 4, 2013, at 7:49 PM, Dale Putnam <daleputnam@...> wrote:

What does it do when you power it on without a key or paddle plugged in?
That should clear the "stuck in straight key" mode... can the menu button
step though the normal steps?

Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: psmith61@cox.net
Date: Mon, 5 Aug 2013 00:44:39 +0000
Subject: [pfr3_group] PFR acting up

I haven't been on the air for a while, the kitchen was under construction and my new
station is in the corner.
I hooked up my PFR3 and it seems to be stuck in tune mode. The rit button seems to turn it
of and on. And the freq buttons seem to do what they are supposed to.. Any ideas of what I
should try. I have cycled all the buttons, turned it off and on to no avail. Is there a
reset procedure for
TIA de Paul N0NBD

4172. QRP freq's and working in the U.S....?

Yahoo group: pfr3_group
Date: 2013-08-11 18:09:01 UTC
From: Andreas
Topic: 4172 Message: 4172

Hello folks,

thanks for reading. I have vacation starting in near future and want to be active on QRP CW in the United States, especially CA, NV, AZ.

I hold an us-call a long time, it is AB7VT. But haven't been in the states for more than 10 years now.
Maybe anyone can help me here in the list:

What are best CQ QRP frequencies? Have read 7030 and 7040?
Is there something else important to know?
Do I have to work as W6/AB7VT while in CA?

Thanks again for upcoming help.
Anything will be appreciated.

73, Andy, DL1AKP / AB7VT

4173. Re: QRP freq's and working in the U.S....?

Yahoo group: pfr3_group
Date: 2013-08-11 20:00:03 UTC
From: k6mgo@verizon.net
Topic: 4172 Message: 4173

Hi Andy,

I'm no expert, but do believe that the FCC has given up completely on the call sign thing. By that I mean if you live in "6" land you can get a call in 1,2, 3 or any other district if you want it and it's available. Now days you don't know where the person you are talking to, is located. So you don't have to ID as a W6/ as far as I know.

And yes the QRP calling freq. is now 7.030 but a lot of guys still us 7.040, although some of the RTTY people have moved onto that freq so you might encounter them.

If you operate 20m, then 14.060 is the best bet.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Andreas" <dl1akp@...> wrote:
>
> Hello folks,
>
> thanks for reading. I have vacation starting in near future and want to be active on QRP CW in the United States, especially CA, NV, AZ.
>
> I hold an us-call a long time, it is AB7VT. But haven't been in the states for more than 10 years now.
> Maybe anyone can help me here in the list:
>
> What are best CQ QRP frequencies? Have read 7030 and 7040?
> Is there something else important to know?
> Do I have to work as W6/AB7VT while in CA?
>
> Thanks again for upcoming help.
> Anything will be appreciated.
>
> 73, Andy, DL1AKP / AB7VT
>

4174. Re: [pfr3_group] Re: QRP freq's and working in the U.S....?

Yahoo group: pfr3_group
Date: 2013-08-12 01:36:16 UTC
From: lahagar1@...
Topic: 4172 Message: 4174

Andy/Bill,

I was reading the FCC regs part 97. Bill, I am no expert either, but I do think you are correct. Since Andy is not operating with a reciprocal license (i.e. not Part 97.107), and instead he is using a USA issued license then I think he can just go about the USA and sign AB7VT. If he is in California there is nothing wrong with tacking "/6" afterwards to indicate that too. I hear that kind of identification a lot from portable or mobile stations. It is a nice carry-over from when the USA call areas actually conveyed some kind of geographical information.

I have heard, and can understand the problem with, signing "/P6" for "Portable California" or "/M6" for "Mobile California" because each of those (so called self-assigned) letters could be interpreted to be country prefixes (Indonesia and England).

I worked a guy in a Los Angeles park who tacked on "/PM" to his call. He was trying to communicate that he was "Pedestrian Mobile", but instead he was, I think, violating 97.119. Of course I had a pretty good idea he was not transmitting from North Korea, but technically he was in violation of FCC rule 97.119(c). He could have just transmitted "/6 portable" or just "/6" and been compliant with the rules.

"§ 97.119 Station identification.
(a) Each amateur station, except a space station or telecommand station, must transmit its assigned call sign on its transmitting channel at the end of each communication, and at least every 10 minutes during a communication ... (c) One or more indicators may be included with the call sign. Each indicator must be separated from the call sign by the slant mark (/) or by any suitable word that denotes the slant mark. If an indicator is self-assigned, it must be included before, after, or both before and after, the call sign. No self-assigned indicator may conflict with any other indicator specified by the FCC Rules or with any prefix assigned to another country."

http://www.arrl.org/part-97-amateur-radio

Andy, hope you have a great vacation in USA.

Also, don't forget 30m for fun CW QSOs!

73,
NG9D

-----Original Message-----
From: k6mgo <k6mgo@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sun, Aug 11, 2013 3:00 pm
Subject: [pfr3_group] Re: QRP freq's and working in the U.S....?

Hi Andy,

I'm no expert, but do believe that the FCC has given up completely on the call sign thing. By that I mean if you live in "6" land you can get a call in 1,2, 3 or any other district if you want it and it's available. Now days you don't know where the person you are talking to, is located. So you don't have to ID as a W6/ as far as I know.

And yes the QRP calling freq. is now 7.030 but a lot of guys still us 7.040, although some of the RTTY people have moved onto that freq so you might encounter them.

If you operate 20m, then 14.060 is the best bet.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, "Andreas" <dl1akp@...> wrote:
>
> Hello folks,
>
> thanks for reading. I have vacation starting in near future and want to be active on QRP CW in the United States, especially CA, NV, AZ.
>
> I hold an us-call a long time, it is AB7VT. But haven't been in the states for more than 10 years now.
> Maybe anyone can help me here in the list:
>
> What are best CQ QRP frequencies? Have read 7030 and 7040?
> Is there something else important to know?
> Do I have to work as W6/AB7VT while in CA?
>
> Thanks again for upcoming help.
> Anything will be appreciated.
>
> 73, Andy, DL1AKP / AB7VT
>

4175. Re: QRP freq's and working in the U.S....?

Yahoo group: pfr3_group
Date: 2013-08-12 17:25:25 UTC
From: Andreas
Topic: 4172 Message: 4175

Hi,

thanks both of you! That's good that the designator /6 is no longer mandatory. I think I learnt that in licensing about 1996.

Thanks for information about frequencies, I will keep an eye on 30m, too. Think the freq there is 10.116, isn't it? I will use my yellow box and a doublet antenna with 24ft. fiber stand.

Our trip will start in Las Vergas,NV, then going to Yosemite, San Fran, LA, Hoover Dam, Grand Canyon, Utah. Hope, I can make a few fine CW QRP contacts!

73, Andy, DL1AKP / AB7VT

--- In pfr3_group@yahoogroups.com, lahagar1@... wrote:
>
>
> Andy/Bill,
>
> I was reading the FCC regs part 97. Bill, I am no expert either, but I do think you are correct. Since Andy is not operating with a reciprocal license (i.e. not Part 97.107), and instead he is using a USA issued license then I think he can just go about the USA and sign AB7VT. If he is in California there is nothing wrong with tacking "/6" afterwards to indicate that too. I hear that kind of identification a lot from portable or mobile stations. It is a nice carry-over from when the USA call areas actually conveyed some kind of geographical information.
>
> I have heard, and can understand the problem with, signing "/P6" for "Portable California" or "/M6" for "Mobile California" because each of those (so called self-assigned) letters could be interpreted to be country prefixes (Indonesia and England).
>
> I worked a guy in a Los Angeles park who tacked on "/PM" to his call. He was trying to communicate that he was "Pedestrian Mobile", but instead he was, I think, violating 97.119. Of course I had a pretty good idea he was not transmitting from North Korea, but technically he was in violation of FCC rule 97.119(c). He could have just transmitted "/6 portable" or just "/6" and been compliant with the rules.
>
> "Â§ 97.119 Station identification.
> (a) Each amateur station, except a space station or telecommand station, must transmit its assigned call sign on its transmitting channel at the end of each communication, and at least every 10 minutes during a communication ... (c) One or more indicators may be included with the call sign. Each indicator must be separated from the call sign by the slant mark (/) or by any suitable word that denotes the slant mark. If an indicator is self-assigned, it must be included before, after, or both before and after, the call sign. No self-assigned indicator may conflict with any other indicator specified by the FCC Rules

or with any prefix assigned to another country."
>
> http://www.arrl.org/part-97-amateur-radio
>
> Andy, hope you have a great vacation in USA.
>
> Also, don't forget 30m for fun CW QSOs!
>
> 73,
> NG9D
>
> -----Original Message-----
> From: k6mgo <k6mgo@...>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Sun, Aug 11, 2013 3:00 pm
> Subject: [pfr3_group] Re: QRP freq's and working in the U.S....?
>
>
>
>
> Hi Andy,
>
> I'm no expert, but do believe that the FCC has given up completely on the call sign thing. By that I mean if you live in "6" land you can get a call in 1,2, 3 or any other district if you want it and it's available. Now days you don't know where the person you are talking to, is located. So you don't have to ID as a W6/ as far as I know.
>
> And yes the QRP calling freq. is now 7.030 but a lot of guys still us 7.040, although some of the RTTY people have moved onto that freq so you might encounter them.
>
> If you operate 20m, then 14.060 is the best bet.
>
> 73, Bill, k6mgo
>
> --- In pfr3_group@yahoogroups.com, "Andreas" <dl1akp@> wrote:
> >
> > Hello folks,
> >
> > thanks for reading. I have vacation starting in near future and want to be active on QRP CW in the United States, especially CA, NV, AZ.
> >
> > I hold an us-call a long time, it is AB7VT. But haven't been in the states for more than 10 years now.
> > Maybe anyone can help me here in the list:
> >
> > What are best CQ QRP frequencies? Have read 7030 and 7040?
> > Is there something else important to know?
> > Do I have to work as W6/AB7VT while in CA?
> >
> > Thanks again for upcoming help.
> > Anything will be appreciated.

> >
> > 73, Andy, DL1AKP / AB7VT
> >
>

4176. Re: QRP freq's and working in the U.S....?

Yahoo group: pfr3_group
Date: 2013-08-13 17:08:03 UTC
From: rkavampsev@...
Topic: 4172 Message: 4176

Hi Gang
Im coming to San Jose next week and will be signing K6/GM4VKI will that be acceptable please ?? or what should i sign to be correct
just on holiday for a couple of weeks
cheers
Roy
GM4VKI

4177. Re: [pfr3_group] Re: QRP freq's and working in the U.S....?

Yahoo group: pfr3_group
Date: 2013-08-13 20:08:58 UTC
From: lahagar1@...
Topic: 4172 Message: 4177

Hi Roy,

The ARRL says that for countries that have a reciprocal operating agreement with the US, the FCC allows foreign amateurs to operate with no permit if you carry your foreign amateur license and proof of your citizenship in that country. Identify using "W" and the number of the FCC call letter district in which you are operating followed by a slash and your non-US call sign, e.g. W6/GM4VKI.

Nice summary on ARRL web site:

http://www.arrl.org/foreign-licenses-operating-in-u-s

Have fun.

73,
Lynn
NG9D

-----Original Message-----
From: rkavampsev <rkavampsev@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Aug 13, 2013 12:09 pm
Subject: [pfr3_group] Re: QRP freq's and working in the U.S....?

Hi Gang
Im coming to San Jose next week and will be signing K6/GM4VKI will that be acceptable please ?? or what should i sign to be correct
just on holiday for a couple of weeks
cheers
Roy
GM4VKI

-----Original Message-----
From: rkavampsev <rkavampsev@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Aug 13, 2013 12:09 pm
Subject: [pfr3_group] Re: QRP freq's and working in the U.S....?

Hi Gang
Im coming to San Jose next week and will be signing K6/GM4VKI will that be acceptable please ?? or what should i sign to be correct
just on holiday for a couple of weeks
cheers
Roy
GM4VKI

4178. Re: QRP freq's and working in the U.S....?

Yahoo group: pfr3_group
Date: 2013-08-14 14:33:36 UTC
From: rkavampsev@...
Topic: 4172 Message: 4178

Many thanks Lynn.

W6/GM4VKI it is then.

hi everybody
whilst im on ive just about finished extensive modification to my PF3 in so much as
1 Rec RF amplifier (makes a big difference)
2 variable bandwidth xtal filter (listen to SSB)
3 BFO freq swinging (SSB Tuning)
4 Variable AF selective filter tuning (easier on the ears)
5 Rec RF bandpass filter addition switch Cap to make the tuning cover a wider bandwidth
Ill be writing it up for the GQRP Sprat magazine if you wish to read it when i've finished . (allows better rf peaking)

best 73's all
Roy
GM4VKI

4179. Hello from UK

Yahoo group: pfr3_group
Date: 2013-08-23 14:50:50 UTC
From: David
Topic: 4179 Message: 4179

Hi guys
I'm a uk based QRP er

I was hoping to buy a pfr3 but Doug tells me to hold off a few weeks coz there's a newer version coming out. Anyone know what the changes are? Dougs a man of few words

Anyway, hi

David
G4YVM

4180. RE: [pfr3_group] Hello from UK

Yahoo group: pfr3_group
Date: 2013-08-23 15:00:14 UTC
From: Dale Putnam
Topic: 4179 Message: 4180

Patience is a virtue...

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: bumbledp@...
Date: Fri, 23 Aug 2013 14:50:50 +0000
Subject: [pfr3_group] Hello from UK

Hi guys

I'm a uk based QRP er

I was hoping to buy a pfr3 but Doug tells me to hold off a few weeks coz there's a newer version coming out. Anyone know what the changes are? Dougs a man of few words

Anyway, hi

David

G4YVM

4181. Re: [pfr3_group] Hello from UK

Yahoo group: pfr3_group
Date: 2013-08-23 17:11:02 UTC
From: Matt VK2RQ
Topic: 4179 Message: 4181

Hi David,

This was the last word from Steve KD1JV (posted nearly a year ago):

The new PFR-3B under development will differ from the earlier versions mostly in it's mechanical design, which is quite a bit different from the original. Some circuit changes in the wiring of the processor were required to accomidate the change to rotory tuning and an improved audio AGC circuit is used.

Looking forward to seeing the new kit, I'm getting itchy about building something again...

73, Matt VK2RQ

On 24/08/2013, at 12:50 AM, David <bumbledp@...> wrote:

> Hi guys
> I'm a uk based QRP er
>
> I was hoping to buy a pfr3 but Doug tells me to hold off a few weeks coz there's a newer version coming out. Anyone know what the changes are? Dougs a man of few words
>
> Anyway, hi
>
> David
> G4YVM
>
>

4182. Re: Hello from UK

Yahoo group: pfr3_group
Date: 2013-08-23 17:34:35 UTC
From: David
Topic: 4179 Message: 4182

Thanks.

Rotary tuning sounds nice

D
--- In pfr3_group@yahoogroups.com, Matt VK2RQ <matt.vk2rq@...> wrote:
>
> Hi David,
>
> This was the last word from Steve KD1JV (posted nearly a year ago):
> ----
> The new PFR-3B under development will differ from the earlier versions mostly in it's mechanical design, which is quite a bit different from the original. Some circuit changes in the wiring of the processor were required to accomidate the change to rotory tuning and an improved audio AGC circuit is used.
> ----
>
> Looking forward to seeing the new kit, I'm getting itchy about building something again...
>
> 73, Matt VK2RQ
>
>
> On 24/08/2013, at 12:50 AM, David <bumbledp@...> wrote:
>
> > Hi guys
> > I'm a uk based QRP er
> >
> > I was hoping to buy a pfr3 but Doug tells me to hold off a few weeks coz there's a newer version coming out. Anyone know what the changes are? Dougs a man of few words
> >
> > Anyway, hi
> >
> > David
> > G4YVM
> >
> >
>

4183. PRR-3 FS

Yahoo group: pfr3_group
Date: 2013-09-01 21:47:05 UTC
From: <ekacura@...>
Topic: 4183 Message: 4183

GA,

I have a PFR-3 for sale, I'm retiring soon and need to thin out the shack before I move. I didn't build this one, bought it from a ham in CA. Works well, but I'm an impulse buyer it seems. I already have a KX1 and love it.

This is a special deal here, it comes with the original paddle Doug sold, plus a W5JH Baby Black Widow paddles. I don't want to break up the set here, so don't ask, please.

I also purchased from Doug a new painted and silk-screened case for it ($40.00), which I have not installed.

I'm asking $ 250.00 for everything, and I'll pay shipping. Contact me off line at my email address.

Thanks.....73 de Ed
N7EDK
Marana,AZ

4184. Re: [pfr3_group] PRR-3 FS

Yahoo group: pfr3_group
Date: 2013-09-01 22:04:38 UTC
From: Stephen Smith
Topic: 4183 Message: 4184

Hello Ed,

I would like to buy that group however I want to make sure the silk-screened case is included. PSE advise.

73.......Steve Smith WB6TNL

From: <ekacura@...>
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] PRR-3 FS
Date: 01 Sep 2013 14:47:05 -0700

GA,

I have a PFR-3 for sale, I'm retiring soon and need to thin out the shack before I move. I didn't build this one, bought it from a ham in CA. Works well, but I'm an impulse buyer it seems. I already have a KX1 and love it.

This is a special deal here, it comes with the original paddle Doug sold, plus a W5JH Baby Black Widow paddles. I don't want to break up the set here, so don't ask, please.

I also purchased from Doug a new painted and silk-screened case for it ($40.00), which I have not installed.

I'm asking $ 250.00 for everything, and I'll pay shipping. Contact me off line at my email address.

Thanks.....73 de Ed

4185. Fw: Re: [pfr3_group] PRR-3 FS

Yahoo group: pfr3_group
Date: 2013-09-01 22:08:23 UTC
From: Stephen Smith
Topic: 4185 Message: 4185

Sorry about previous, it was supposed to go direct. (Darned group settings.)

73.......Steve Smith WB6TNL

---------- Forwarded Message ----------
From: "Stephen Smith" <sigcom@...>
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PRR-3 FS
Date: Sun, 1 Sep 2013 22:04:38 GMT

Hello Ed,

4186. Re: [pfr3_group] PRR-3 FS

Yahoo group: pfr3_group
Date: 2013-09-01 22:13:17 UTC
From: edward kacura
Topic: 4183 Message: 4186

Hi Steve,

Yes, the silk-screened case is part of the deal ! I can do PayPal, or postal money order if you prefer. I can't ship till Tuesday because of the holiday.
As with all electronic sale, no refund or return, it won't be DOA. I will insure the package for the value.
Hope this helps you, thanks....Ed

From: Stephen Smith <sigcom@juno.com>
To: pfr3_group@yahoogroups.com
Sent: Sunday, September 1, 2013 3:04 PM
Subject: Re: [pfr3_group] PRR-3 FS

Hello Ed,

I would like to buy that group however I want to make sure the silk-screened case is included. PSE advise.

73.......Steve Smith WB6TNL

From: <ekacura@...>
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] PRR-3 FS
Date: 01 Sep 2013 14:47:05 -0700

GA,

I have a PFR-3 for sale, I'm retiring soon and need to thin out the shack before I move. I didn't build this one, bought it from a ham in CA. Works well, but I'm an impulse buyer it seems. I already have a KX1 and love it.

This is a special deal here, it comes with the original paddle Doug sold, plus a W5JH Baby Black Widow paddles. I don't want to break up the set here, so don't ask, please.

I also purchased from Doug a new painted and silk-screened case for it ($40.00), which I have not installed.

I'm asking $ 250.00 for everything, and I'll pay shipping. Contact me off line at my email address.

Thanks.....73 de Ed

Yahoo! Groups Links

    http://docs.yahoo.com/info/terms/

4187. Group Moderator

Yahoo group: pfr3_group
Date: 2013-09-05 13:56:50 UTC
From: <n1vwd@...>
Topic: 4187 Message: 4187

If we are going to stay with yahoo can we make the best of it by changing the picture in the header to be more relevant to this sight? I see other moderators have already done so. Thank you very much for all you do.
Brad N1VWD

4188. Re: [pfr3_group] Group Moderator

Yahoo group: pfr3_group
Date: 2013-09-05 16:02:03 UTC
From: Stephen Smith
Topic: 4187 Message: 4188

I see a PFR3 when I log-in to Yahoo and go to the pfr3_group site.

73.......Steve Smith WB6TNL

Please note: message attached

From: <n1vwd@...>
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Group Moderator
Date: 05 Sep 2013 06:56:50 -0700

If we are going to stay with yahoo can we make the best of it by changing the picture in the header to be more relevant to this sight?

4189. RE: Re: [pfr3_group] Group Moderator

Yahoo group: pfr3_group
Date: 2013-09-05 16:54:05 UTC
From: <n1vwd@...>
Topic: 4187 Message: 4189

Hi Steve,

When I log into the PFR-3 group I see a picture of some kind of woven hats with a title that says "PFR-3 Group"
I did not know the focus thr group has changed to hat weaving. LOL
I wish I had a picture of a PFR-3
Brad N1VWD

4190. RE: Re: [pfr3_group] Group Moderator

Yahoo group: pfr3_group
Date: 2013-09-05 17:04:18 UTC
From: Stephen Smith
Topic: 4187 Message: 4190

Hi Brad,

I get the same result that you do if I am not logged-in to Yahoo and I go to the pfr3_group home page. In fact, the same thing happens on any Yahoo Group to which I am subscribed.

Here is the URL to the home page PFR-3 photograph:

<http://xa.yimg.com/kq/groups/22411776/homepage/name/homepage.jpg?type=sn>

There are plenty of others out there. QRPKits.com has the same photo. along with a rear panel view.

73.......Steve Smith WB6TNL

From: <n1vwd@...>
To: <pfr3_group@yahoogroups.com>
Subject: RE: Re: [pfr3_group] Group Moderator
Date: 05 Sep 2013 09:54:05 -0700

Hi Steve,

When I log into the PFR-3 group I see a picture of some kind of woven hats with a title that says "PFR-3 Group"
I did not know the focus thr group has changed to hat weaving. LOL
I wish I had a picture of a PFR-3

Brad N1VWD

4191. RE: RE: Re: [pfr3_group] Group Moderator

Yahoo group: pfr3_group
Date: 2013-09-05 18:56:39 UTC
From: <n1vwd@...>
Topic: 4187 Message: 4191

Re: Group Moderator (http://groups.yahoo.com/neo/groups/pfr3_group/conversations/messages/4190) Hi Brad, I get the same result that you do if I am not logged-in to Yahoo and I go to the pfr3_group home page. In fact, the same thing happens on any Yahoo

Hi Steve

I am logged into yahoo and see my name in the right hand corner of the group page. Still looking at hats.

4192. Re: Re: [pfr3_group] Group Moderator

Yahoo group: pfr3_group
Date: 2013-09-05 21:07:42 UTC
From: Doug Jackson
Topic: 4187 Message: 4192

Hi,

Thanks for that - Personally, I can't see whats on the Yahoo site as yahoo is painful to manage with multiple email userid's, so as long as we keep a list that is able to send out emails, then I am really happy.

Just by the way, if the group would like cheap (as in free) hosting, I am very happy to provide it - I run a server for a number of other groups, including my clock making business (www.dougswordclock.com) and am happy to provide disk space and bandwidth if wanted.

Doug (VK1ZDJ)

On Fri, Sep 6, 2013 at 3:04 AM, Stephen Smith <sigcom@...> wrote:

> Hi Brad,
>
> I get the same result that you do if I am not logged-in to Yahoo and I go
> to the pfr3_group home page. In fact, the same thing happens on any Yahoo
> Group to which I am subscribed.
>
> Here is the URL to the home page PFR-3 photograph:
>
> <http://xa.yimg.com/kq/groups/22411776/homepage/name/homepage.jpg?type=sn>
>
> There are plenty of others out there. QRPKits.com has the same photo.
> along with a rear panel view.
>
> 73.......Steve Smith WB6TNL
>
> From: <n1vwd@...>
> To: <pfr3_group@yahoogroups.com>
> Subject: RE: Re: [pfr3_group] Group Moderator
> Date: 05 Sep 2013 09:54:05 -0700
>
> Hi Steve,
>
> When I log into the PFR-3 group I see a picture of some kind of woven hats
> with a title that says "PFR-3 Group"
> I did not know the focus thr group has changed to hat weaving. LOL
> I wish I had a picture of a PFR-3
>
> Brad N1VWD
>
>
>

>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--
Doug Jackson
VK1ZDJ
http://www.dougswordclock.com/ -< My clocks
http://www.vk1zdj.net -< My Amateur Radio Activities

4193. correction group moderator

Yahoo group: pfr3_group
Date: 2013-09-06 12:56:43 UTC
From: <n1vwd@...>
Topic: 4193 Message: 4193

Since yesterday I have been informed that only the yahoo group site owner can make changes to the group header picture. If this is correct I am sorry for bothering the moderators, but would ask that they forward my request to the group site owner.
Again I thank you for all you do.
Brad N1VWD

4194. yahoo group picture

Yahoo group: pfr3_group
Date: 2013-09-06 16:04:14 UTC
From: <n1vwd@...>
Topic: 4194 Message: 4194

I just went through my yahoo groups and the following have been able to update their yahoo group header picture. If you run into trouble maybe they could help you out.
The Buddipole user group
Fist CW club
HF Pack
North American Sota
Qrp-Tech
Qrpme Kits and Stuff
SKCC
I am only mentioning these groups to help you, hopefully they can make your job easier.
This yahoo thing is a real pain in the butt.
Brad N1VWD

4195. Re: [pfr3_group] yahoo group picture

Yahoo group: pfr3_group
Date: 2013-09-06 16:53:01 UTC
From: Joe Feustle
Topic: 4194 Message: 4195

Hi Brad.

I cleaned out a lot of Chinese hack crap yesterday. That's as far as I'm going to go right now. I have more important items on my agenda, like taking care of everything while my wife recovers from back surgery. If you would like take over group ownership I'd be happy to let it go. To be frank, this has gotten to be a big pain in the ass.

73,
Joe N8JF

On 9/6/13 12:04 PM, n1vwd@... wrote:
>
> I just went through my yahoo groups and the following have been able
> to update their yahoo group header picture. If you run into trouble
> maybe they could help you out.
> The Buddipole user group
> Fist CW club
> HF Pack
> North American Sota
> Qrp-Tech
> Qrpme Kits and Stuff
> SKCC
> I am only mentioning these groups to help you, hopefully they can make
> your job easier. This yahoo thing is a real pain in the butt.
> Brad N1VWD
>
>

4196. Charging a super polymer lithium-ion battery

Yahoo group: pfr3_group
Date: 2013-09-07 17:49:16 UTC
From: <n1vwd@...>
Topic: 4196 Message: 4196

I won this battery as a prize at a ham gathering this summer. The battery package contained the battery and a wall wart charger but no instruction sheet to give info on the initial charge- length of time to leave on the charger etc. and subsequent further charging to get maximum capacity and battery life. The model # is DC 1298A
input 12.6VDC output 12.6 - 10.8VDC 9800mAh.
I tried looking it up on the web but all I came up with was a number of places to buy them but no info sheet.Does anyone in the group know about these batteries and the proper way to charge the for best efficiency? Thanking you in advance for any help you may give.
Tnx es 73
Brad N1VWD

4197. Re: Charging a super polymer lithium-ion battery

Yahoo group: pfr3_group
Date: 2013-09-08 13:41:18 UTC
From: Robert Williams
Topic: 4196 Message: 4197

Hi Brad,

Something like this maybe ?

http://www.yisenneng.com/en/ProductView.asp?ID=73

73

Rob G0PEB

4198. RE: Re: Charging a super polymer lithium-ion battery

Yahoo group: pfr3_group
Date: 2013-09-09 15:07:20 UTC
From: <n1vwd@...>
Topic: 4196 Message: 4198

Hi Robert,

That's the one I have.
Brad

--- In pfr3_group@yahoogroups.com, <pfr3_group@yahoogroups.com> wrote:

Hi Brad,

Something like this maybe ?

http://www.yisenneng.com/en/ProductView.asp?ID=73

73

Rob G0PEB

4199. Re: [pfr3_group] Re: Charging a super polymer lithium-ion battery

Yahoo group: pfr3_group
Date: 2013-09-09 15:13:03 UTC
From: Slash Rick
Topic: 4196 Message: 4199

re: http://www.yisenneng.com/en/ProductView.asp?ID=73

NICE!!!!

/rick

On Sun, Sep 8, 2013 at 9:41 AM, Robert Williams <rob2williams@btinternet.com
> wrote:

> **
>
>
> **
> Hi Brad,
>
> Something like this maybe ?
>
> http://www.yisenneng.com/en/ProductView.asp?ID=73
>
> 73
>
> Rob G0PEB
>
>
>

4200. My PFR-3 for sale

Yahoo group: pfr3_group
Date: 2013-09-16 18:15:39 UTC
From: mshipley2
Topic: 4200 Message: 4200

Im selling a newly built PFR-3 transceiver so I can start a new project.There is a minor repair made to board were power wire is terminated.No problems.Rig is approx 3 months old. 220.00 plus 10.99 shipping within the cont U.S only
PAYPAL Only.Thanks,Matt
(mshipley2@...)

4202. RE: unsubscribe

Yahoo group: pfr3_group
Date: 2013-09-20 14:56:17 UTC
From: <wb8yyy@...>
Topic: 2721 Message: 4202

No it's not that simple! (This email will convey you are still stuck perhaps).

You have to go to yahoo groups main page to opt out. Note you can also maintain your access, but only turn off the email (which I do for nearly all my yahoo groups). See the Manage My Groups 'tab' on the left.

I stay in this one since I own a PFR-3.

CUL Curt

--- In pfr3_group@yahoogroups.com, <pfr3_group@yahoogroups.com> wrote:

unsubscribe

4203. Re: unsubscribe

Yahoo group: pfr3_group
Date: 2013-09-22 01:01:28 UTC
From: KU4GW Cliff
Topic: 2721 Message: 4203

To Unsubscribe just scroll to the very bottom of this message and click the big white letters that say UNSUBSCRIBE.

Very 73/72!
Cliff - KU4GW

4204. Polarity protection

Yahoo group: pfr3_group
Date: 2013-10-13 10:21:11 UTC
From: <ct1bww@...>
Topic: 4204 Message: 4204

Dear Friends

On my PFR3 i include on my power jack a 1N4007 diode with a fuse case, this is for polarity protection.
I've some discuss about this procedure, some said that this is good modification, others say this is Not necessary and your'e changing the current consumption.
Any coments are vey wecolmed.
Thanks for reading
73s Marq CT1BWW

4205. Re: [pfr3_group] Polarity protection

Yahoo group: pfr3_group
Date: 2013-10-13 15:25:22 UTC
From: Steven Weber
Topic: 4204 Message: 4205

On my PFR3 i include on my power jack a 1N4007 diode with a fuse case, this is for polarity protection.

There is already a polarity protection diode on the PFR3 board - it is a shotky type so has 1/2 the voltage drop of a 1N4007. The one you added is redundant and not needed.

Adding the fuse is however, a good idea.

Steve KD1JV

4206. RE: Re: [pfr3_group] Polarity protection

Yahoo group: pfr3_group
Date: 2013-10-13 15:56:19 UTC
From: <ct1bww@...>
Topic: 4204 Message: 4206

Hi Steve

Thanks a lot on your reply.
That's what i thought. You think i should take it oof from circuit or just leave.
On my projects always had a polarity protections....just in case!
I' m thinking returning to projects ...maybe on Dualbander
Once again thanks!
73s from Marq ct1 bravo willy willy

---In pfr3_group@yahoogroups.com, <pfr3_group@yahoogroups.com> wrote:

☐ On my PFR3 i include on my power jack a 1N4007 diode with a fuse case, this is for polarity protection.

There is already a polarity protection diode on the PFR3 board - it is a shotky type so has 1/2 the voltage drop of a 1N4007. The one you added is redundant and not needed.

Adding the fuse is however, a good idea.

Steve KD1JV

4207. PFR-3 B?

Yahoo group: pfr3_group
Date: 2013-10-14 15:16:54 UTC
From: <srmaietta@...>
Topic: 4207 Message: 4207

Hey All, Im thinking of picking up a PFR and am wondering if there is any truth to a newer version coming out? I'd wait for it if it is going to happen, but if that's old news and there is no "B" version planned then I'll probably just go for the current version.

thanks!
~Steve

4208. PFR-3 Painted and Silk Screened Case

Yahoo group: pfr3_group
Date: 2013-10-16 14:45:12 UTC
From: <jhoonbee@...>
Topic: 4208 Message: 4208

I saw a posting about a new painted and Silk screened case for about $40.00 dollars.
Who is the contact person for this (Doug?).
As the decals on mine really stink, second time to install them, I thought about putting a top coat of a clear lacquer on them but I though it might may then curl up.

Please advise.

Thank you,
Danny
N5DRG

4209. RE: [pfr3_group] PFR-3 Painted and Silk Screened Case

Yahoo group: pfr3_group
Date: 2013-10-16 14:47:31 UTC
From: Dale Putnam
Topic: 4208 Message: 4209

I believe Doug at QRPkits.com has the cases.... although I don't know that for sure.He'd be the one to check with.
I've had good luck with the decals on a very clean case, by applying them, then clearcoat at least two coats on top.Good Luck

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: jhoonbee@...
Date: Wed, 16 Oct 2013 07:45:12 -0700
Subject: [pfr3_group] PFR-3 Painted and Silk Screened Case

I saw a posting about a new painted and Silk screened case for about $40.00 dollars.

Who is the contact person for this (Doug?). As the decals on mine really stink, second time to install them, I thought about putting a top coat of a clear lacquer on them but I though it might may then curl up.
Please advise.
Thank you,DannyN5DRG

4210. RE: [pfr3_group] PFR-3 Painted and Silk Screened Case

Yahoo group: pfr3_group
Date: 2013-10-16 22:12:05 UTC
From: Stephen Smith
Topic: 4208 Message: 4210

Hi Dale,

What product are you using for the clear coat?

73.......Steve Smith WB6TNL

From: Dale Putnam <daleputnam@...>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Subject: RE: [pfr3_group] PFR-3 Painted and Silk Screened Case
Date: Wed, 16 Oct 2013 08:47:31 -0600

I've had good luck with the decals on a very clean case, by applying them, then clearcoat at least two coats on top.

4211. RE: [pfr3_group] PFR-3 Painted and Silk Screened Case

Yahoo group: pfr3_group
Date: 2013-10-17 00:09:58 UTC
From: Dale Putnam
Topic: 4208 Message: 4211

Hi Steve, I've used Valspar, the most, there was some not quite as good results with the rainbow brand.and I choose the gloss finish.. the satin covers the decal seams well but isn't quite as clean a look.
Have a great day,

--... ...--
Dale - WC7S in Wy

> To: pfr3_group@yahoogroups.com
> From: sigcom@...
> Date: Wed, 16 Oct 2013 22:12:05 +0000
> Subject: RE: [pfr3_group] PFR-3 Painted and Silk Screened Case
>
> Hi Dale,
>
> What product are you using for the clear coat?
>
> 73.......Steve Smith WB6TNL
>
> From: Dale Putnam <daleputnam@...>
> To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
> Subject: RE: [pfr3_group] PFR-3 Painted and Silk Screened Case
> Date: Wed, 16 Oct 2013 08:47:31 -0600
>
> I've had good luck with the decals on a very clean case, by applying them, then clearcoat at least two coats on top.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

4212. RE: PFR-3 Painted and Silk Screened Case

Yahoo group: pfr3_group
Date: 2013-10-17 00:30:02 UTC
From: <srmaietta@...>
Topic: 4208 Message: 4212

Ive had good success with a waterbased polyurethane topcoat over waterslide decals. More durable than laquer. Acrylic enamels (as in automotive) will be very durable as well. try an autoparts store and don't buy any spray can that has dust on it!! (There's OLD stuff in that can!)

73de steve
~W2STV

---In pfr3_group@yahoogroups.com, <sigcom@...> wrote:

Hi Dale,

What product are you using for the clear coat?

73.......Steve Smith WB6TNL

From: Dale Putnam <daleputnam@... mailto:daleputnam@...>
To: "pfr3_group@yahoogroups.com mailto:pfr3_group@yahoogroups.com"
<pfr3_group@yahoogroups.com mailto:pfr3_group@yahoogroups.com>
Subject: RE: [pfr3_group] PFR-3 Painted and Silk Screened Case
Date: Wed, 16 Oct 2013 08:47:31 -0600

I've had good luck with the decals on a very clean case, by applying them, then clearcoat at least two coats on top.

4213. RE: RE: PFR-3 Painted and Silk Screened Case

Yahoo group: pfr3_group
Date: 2013-10-18 18:27:26 UTC
From: <jhoonbee@...>
Topic: 4208 Message: 4213

Thanks to the group on all of the great ideas, and I must have been suffering from "Cranial Flatulence" when I asked who Doug was...
I was having one of those days I suppose.

Danny
N5DRG

---In pfr3_group@yahoogroups.com, <pfr3_group@yahoogroups.com> wrote:

Ive had good success with a waterbased polyurethane topcoat over waterslide decals. More durable than laquer. Acrylic enamels (as in automotive) will be very durable as well. try an autoparts store and don't buy any spray can that has dust on it!! (There's OLD stuff in that can!)

73de steve
~W2STV

---In pfr3_group@yahoogroups.com, <sigcom@...> wrote:

Hi Dale,

What product are you using for the clear coat?

73.......Steve Smith WB6TNL

From: Dale Putnam <daleputnam@... mailto:daleputnam@...>
To: "pfr3_group@yahoogroups.com mailto:pfr3_group@yahoogroups.com"
<pfr3_group@yahoogroups.com mailto:pfr3_group@yahoogroups.com>
Subject: RE: [pfr3_group] PFR-3 Painted and Silk Screened Case
Date: Wed, 16 Oct 2013 08:47:31 -0600

I've had good luck with the decals on a very clean case, by applying them, then clearcoat at least two coats on top.

4214. FOX HUNT apps being accepted

Yahoo group: pfr3_group
Date: 2013-10-29 00:33:24 UTC
From: Dale Putnam
Topic: 4214 Message: 4214

Apps are being accepted for the quickly arriving FOX HUNT Season.Please zip right on over to the web page and fill two out.. one for 40 and one for 80.You will really be regrettable, if you don't. http://www.qrpfoxhunt.org
Why let all that fun zip past? Fill one out.. it won't hurt, nor does it cost anything.Good Hunting and good Luck too.!!
Have a great day,

--... ...--
Dale - WC7S in Wy

4215. FOX: apps ??

Yahoo group: pfr3_group
Date: 2013-11-04 04:17:32 UTC
From: Dale Putnam
Topic: 4215 Message: 4215

Apps are being accepted for the quickly arriving FOX HUNT Season.Please zip right on over to the web page and fill two out.. one for 40 and one for 80.You will really be regrettable, if you don't. http://www.qrpfoxhunt.orgWhy let all that fun zip past? Fill one out.. it won't hurt, nor does it cost anything.Good Hunting and good Luck too.!!
Have a great day,

--... ...--
Dale - WC7S in Wyhttp://www.qrpfoxhunt.org

4216. FOX: Season Opener

Yahoo group: pfr3_group
Date: 2013-11-05 15:29:03 UTC
From: Dale Putnam
Topic: 4216 Message: 4216

The Game Warden just announced the season opener, for TONIGHT at 7pm MT on 40m 7.040 +/- 10Khz, There will be two great Foxii out scampering around, trying to hand out pelts, come on by, and see if you too can take home a brand new pelt, from the 13-14 Season Openee, fromN0UR Jim MN and KV2X Tom NYGood Luck to all, and May the FOX be with you, Have a great day,

--... ...--
Dale - WC7S in Wy

4217. FOX: Swiped from another reflector

Yahoo group: pfr3_group
Date: 2013-11-22 13:12:18 UTC
From: Dale Putnam
Topic: 4217 Message: 4217

The Virginia Foxhunting team has 4 members and needs one more (from Virginia). ANY TAKERS PLEASE ? Please respond to me directly by Tuesday, November 26th which is the last day for team formation 73Jerry N9AWFoxhunt Teams Coordinator
Have a great day,

--... ...--
Dale - WC7S in Wy

4218. Fox: Swiped fm another reflector

Yahoo group: pfr3_group
Date: 2013-11-22 13:23:34 UTC
From: Dale Putnam
Topic: 4218 Message: 4218

The Virginia Foxhunting team has 4 members and needs one more (from Virginia). ANY TAKERS PLEASE ? Please respond to me directly by Tuesday, November 26th which is the last day for team formation 73Jerry N9AWFoxhunt Teams Coordinator

Have a great day,

--... ...--
Dale - WC7S in Wy

4219. New Unbuilt PRF-3 Kit For Sale

Yahoo group: pfr3_group
Date: 2013-11-24 17:15:48 UTC
From: <sundstrj@...>
Topic: 4219 Message: 4219

I have an unbuilt PFR-3A Kit for sale. After I ordered the kit a month ago I acquired another PFR so now I don’t need the kit. These are great radios. This one is the latest with the etched case. I paid $255 for it from Hendricks kits. I have not opened the parts bag. Its yours for $230 plus $10 postage to the USA. Contact me at sundstrj@gvsu.edu.

4220. RE: New Unbuilt PRF-3 Kit For Sale

Yahoo group: pfr3_group
Date: 2013-11-24 23:53:27 UTC
From: <sundstrj@...>
Topic: 4219 Message: 4220

Sold in about 3 hours, Thanks for the bandwith.

---In pfr3_group@yahoogroups.com, <sundstrj@...> wrote:

I have an unbuilt PFR-3A Kit for sale. After I ordered the kit a month ago I acquired another PFR so now I don’t need the kit. These are great radios. This one is the latest with the etched case. I paid $255 for it from Hendricks kits. I have not opened the parts bag. Its yours for $230 plus $10 postage to the USA. Contact me at sundstrj@....

4221. pfr 3a

Yahoo group: pfr3_group
Date: 2013-11-25 14:34:48 UTC
From: k8ar
Topic: 4221 Message: 4221

Way to go John, glad you were able to make someone else happy. Now as it is a whiteout outside time to fire up the other one and build up your cw skills. K8ar

4224. FS PFR-3 with battery indicator.

Yahoo group: pfr3_group
Date: 2013-11-29 14:32:09 UTC
From: <k9dvmid@...>
Topic: 4224 Message: 4224

For sale is a PFR-3 radio with an installed battery indicator. The battery indicator has not be calibrated. This radio was checked out by Dale Putnam and it works great. I have moved on to other radios for my QRP work and I don't use this one. It has the yellow silk screened case. Asking $250. Thanks

4225. Anyone Got A PFR Paddle?

Yahoo group: pfr3_group
Date: 2013-12-03 01:25:12 UTC
From: <wd4msm@...>
Topic: 4225 Message: 4225

Would like to purchase a paddle for the PFR. Got one?

WD4MSM@ARRL.NET

4226. Re: [pfr3_group] Anyone Got A PFR Paddle?

Yahoo group: pfr3_group
Date: 2013-12-04 20:00:32 UTC
From: Jose Maria Valles Suarez
Topic: 4225 Message: 4226

I like the touch paddles for PFR-3A of Jarek SQ1RS. You have their?.
Thanks
Jose Maria

El 03/12/2013, a las 02:25, wd4msm@... escribió:

> Would like to purchase a paddle for the PFR. Got one?
>
>
>
> WD4MSM@ARRL.NET
>
>

4227. Re: [pfr3_group] Anyone Got A PFR Paddle?

Yahoo group: pfr3_group
Date: 2013-12-04 20:49:43 UTC
From: John Overbaugh
Topic: 4225 Message: 4227

I've got a request into Mrs. Claus for a DC2 paddle from American Morse. Henderson no longer makes the integrated paddle (they never explained why they stopped production), so I looked around for a lightweight, rugged backcountry option. http://www.americanmorse.com/dcp.htm

I have not received it yet, never used it of course, and I don't even know the code yet so I can't give a review.

72's de K7JTO

John O.
Salt Lake City, UT

On Wed, Dec 4, 2013 at 1:00 PM, Jose Maria Valles Suarez <
jmvalles28@...> wrote:

>
>
>
>
> I like the touch paddles for PFR-3A of Jarek SQ1RS. You have their?.
> Thanks
> Jose Maria
>
>
> El 03/12/2013, a las 02:25, wd4msm@arrl.net escribió:
>
> Would like to purchase a paddle for the PFR. Got one?
>
>
> WD4MSM@...
>
>
>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4228. Re: [pfr3_group] Anyone Got A PFR Paddle?

Yahoo group: pfr3_group
Date: 2013-12-04 20:55:41 UTC
From: John Overbaugh
Topic: 4225 Message: 4228

Erg. Hendricks, not Henderson. I'd use age as an excuse but I'm still too young... ;)

On Wed, Dec 4, 2013 at 1:49 PM, John Overbaugh <john.overbaugh@...>wrote:

> I've got a request into Mrs. Claus for a DC2 paddle from American Morse.
> Henderson no longer makes the integrated paddle (they never explained why
> they stopped production), so I looked around for a lightweight, rugged
> backcountry option. http://www.americanmorse.com/dcp.htm
>
> I have not received it yet, never used it of course, and I don't even know
> the code yet so I can't give a review.
>
> 72's de K7JTO
>
> John O.
> Salt Lake City, UT
>
>
> On Wed, Dec 4, 2013 at 1:00 PM, Jose Maria Valles Suarez <
> jmvalles28@...> wrote:
>
>>
>>
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>>
>> I like the touch paddles for PFR-3A of Jarek SQ1RS. You have their?.
>> Thanks
>> Jose Maria
>>
>>
>> El 03/12/2013, a las 02:25, wd4msm@... escribió:
>>
>> Would like to purchase a paddle for the PFR. Got one?
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>> WD4MSM@ARRL.NET
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> John Overbaugh, CISSP CHP GWAPT GSLC GCIH
> K7JTO
> blog: sleepytridad.blogspot.com k7jto.blogspot.com
> YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4229. FS PFR3

Yahoo group: pfr3_group
Date: 2013-12-05 01:34:58 UTC
From: Dale Putnam
Topic: 4229 Message: 4229

Doc - K0EVZ has a PFR3 for sale. This will work when you get it, because I will guarantee it to work at least as well, and this one works better than published.. This is the famous YELLOW RADIO!It is has just been checked over by Steve Weber!Doc will sell this radio to you for $265 shipped to your continental US house. You can chase dx, chase fox, and simply have a whole lot of fun.Just in time for Christmas, get this one for that special radio nut this year! First check or money order will get a great radio.
Have a great day,

--... ...-- Dale - WC7S in Wy

4230. Re: [pfr3_group] Anyone Got A PFR Paddle?

Yahoo group: pfr3_group
Date: 2013-12-05 04:43:25 UTC
From: beargyrils@...
Topic: 4225 Message: 4230

John,
Check out these small keys

https://www.facebook.com/?ref=tn_tnmn

BOB AF2Q

In a message dated 12/4/2013 12:49:48 P.M. Pacific Standard Time,
john.overbaugh@... writes:

I have not received it yet, never used it of course, and I don't even know
the code yet so I can't give a review.

72's de K7JTO

John O.
Salt Lake City, UT

4231. Re: [pfr3_group] Anyone Got A PFR Paddle?

Yahoo group: pfr3_group
Date: 2013-12-05 04:54:29 UTC
From: beargyrils@...
Topic: 4225 Message: 4231

Sorry,
I posted the URL for the u tube on the face book.
This one will work
BOB AF2Q

John,
Check out these small keys

http://www.youtube.com/watch?v=CrSa3p0TqsQ

BOB AF2Q

4232. Re: [pfr3_group] Anyone Got A PFR Paddle?

Yahoo group: pfr3_group
Date: 2013-12-05 16:40:01 UTC
From: John Overbaugh
Topic: 4225 Message: 4232

Yah I've heard of these keys Bob. Thanks for sharing - they are works of art! It's nice to see there's still craftsmanship and artisan quality in the world these days. I'm not sure I could get into a Begali for $45, but it's something to look for in my future.

My wife and I hope to honeymoon in Italy sometime soon (we married 6 mos ago, but with 3 kids in college, one serving an LDS mission and two about to graduate we don't see how we can afford it right now). I wonder if she'd let us visit the Begali shop while we're there. LOL...

Thanks again, Bob. All the best,

John O.

On Wed, Dec 4, 2013 at 9:54 PM, <beargyrils@...> wrote:

>
>
> Sorry,
> I posted the URL for the u tube on the face book.
> This one will work
> BOB AF2Q
>
> *John,*
> *Check out these small keys*
>
> http://www.youtube.com/watch?v=CrSa3p0TqsQ
>
> *BOB AF2Q*
>
>
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John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4233. Re: [pfr3_group] Anyone Got A PFR Paddle?

Yahoo group: pfr3_group
Date: 2013-12-05 18:37:39 UTC
From: beargyrils@...
Topic: 4225 Message: 4233

Hi John,
I have a set of paddles like you plan on getting but mine do not have that solid part over top of both paddles.
My paddle levers slide down on steel pint then on top is a flat washer and a ceri clip.
Yes the keys in the U tube are nice but way to much for me.
Anyway after more then 30 years I gave up ham radio and went back to playing guitar and song writing.
I'm starting to build up a recording studio in this small apartment.
I made my first big hit last week and a friend plastered this on my face book.
BOB AF2Q

Hi,I went out with Bob last night to a place in NJ South of here about 40 miles.
There were other guitar players But Bob was not worried since he spent just about all of three weeks writing,playing and changing finger patterns on his guitar.
He sang five songs then he said he had one more and it was a song that he wrote about the loss of Diane.
He started then in less then thirty seconds the entire place went silent except for Bob singing.More then half way into his song,almost every man and Woman was in tears.
One gentleman went up and said that in 43 years of guitar playing,he has never heard any player play an acoustic guitar like Bob.
Between the cords and the three different finger picking patterns he spent hours getting them perfect it sounded as if he was playing two guitars at one time.
I love you Bobby but it's now time to let go.
With all my love,your littler sisters Donna and Sissy
★:-:•‹(•¿-)›•:..★:-:•:*♥*:•:-:★★..★..★★★★★★★..★..★★★★★
★:-:•‹(•¿-)›•:..★★★★★★★★★★★:-:•:*♥*:•:-:★★..★..★★★★★★★..★..
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ø¤ºº¤ø,¸¸,ø¤º¤ø,¸¸,ø¤ºº¤ø,¸¸,ø¤ºº¤ø,¸¸,ø¤ºA+º¤ø,¸¸, :

BOBBY,YOUR THE GREATEST!!!!!!!!!!!!!!!!!

In a message dated 12/5/2013 8:40:09 A.M. Pacific Standard Time, john.overbaugh@... writes:

Yah I've heard of these keys Bob. Thanks for sharing - they are works of art! It's nice to see there's still craftsmanship and artisan quality in the world these days. I'm not sure I could get into a Begali for $45, but it's something to look for in my future.

My wife and I hope to honeymoon in Italy sometime soon (we married 6 mos ago, but with 3 kids in college, one serving an LDS mission and two about to graduate we don't see how we can afford it right now). I wonder if she'd let us visit the Begali shop while we're there. LOL...

Thanks again, Bob. All the best,

John O.

4234. Re: [pfr3_group] Anyone Got A PFR Paddle?

Yahoo group: pfr3_group
Date: 2013-12-05 19:15:10 UTC
From: <sundstrj@...>
Topic: 4225 Message: 4234

Another paddle to consider is the te ne ke. Our club makes and selis this rugged little paddle for just $40.
I currently have 6 in stock. There is also a nice chrome base available that was made by the inventor of the te ne ke, Boyd mason.

See : http://w8cso.org/index.php?page=teneke http://w8cso.org/index.php?page=teneke

John Sundstrom NOARC treasurer.

4235. 1n5711 diode instead of 1n5817?

Yahoo group: pfr3_group
Date: 2013-12-08 04:24:48 UTC
From: <kf7pxt@...>
Topic: 4235 Message: 4235

All,

Excuse my ignorance and I am sure that this is not an issue but my PFR kit came with a 1n5711 diode instead of the 1n5817 as stated on the inventory. Is this a problem? Again I assume that the answer is no but I am still learning all the differences in this stuff. Thanks again.

Matt
KF7PXT

4236. Re: [pfr3_group] 1n5711 diode instead of 1n5817?

Yahoo group: pfr3_group
Date: 2013-12-08 04:45:28 UTC
From: John Overbaugh
Topic: 4235 Message: 4236

Check the errata on the PFR-3 page. It mentions some caps may be different
(not sure if yours are the ones, so read up to be sure).
On Dec 7, 2013 9:24 PM, <kf7pxt@...> wrote:

>
>
> All,
>
>
> Excuse my ignorance and I am sure that this is not an issue but my PFR kit
> came with a 1n5711 diode instead of the 1n5817 as stated on the inventory.
> Is this a problem? Again I assume that the answer is no but I am still
> learning all the differences in this stuff. Thanks again.
>
> Matt
> KF7PXT
>
>

4237. Re: [pfr3_group] 1n5711 diode instead of 1n5817?

Yahoo group: pfr3_group
Date: 2013-12-08 04:55:12 UTC
From: beargyrils@...
Topic: 4235 Message: 4237

Matt,
I looked them up in my book and they are the same item

Part #: 1N5817
(http://www.datasheets360.com/part/detail/1n5817/-764875411354180769 4?comp=1566) Category:
Diodes
Manufacturer: Taiwan Semiconductor Co., Ltd.
1 A, 20 V, SILICON, SIGNAL DIODE, DO-41 Authorized Distributor Name
Unit Price Inventory Distributor Links Mouser Electronics, Inc. $0.21 10,100
Buy Now (http://www.mouser.com/access/?pn=821-1N5817&sn=Taiwan
Semiconductor) Harry Krantz Company, LLC n/a 3,000 _Go to Website_
(http://www.harrykrantz.com/) America II Electronics, Inc. n/a 3,000 _Go to Website_
(http://www.americaii.com/)

PDF Datasheet
(http://www.datasheets360.com/pdf/-7086254513198359579?comp=1566&query=1n5817)
Part #: 1N5817
(http://www.datasheets360.com/part/detail/1n5817/-7086254513198359579?comp=1566)
Category: Diodes
Manufacturer: STMicroelectronics, Inc.
1 A, 20 V, SILICON, SIGNAL DIODE, DO-41
Just made in different places but both are 1 A and 20 Volts
BOB AF2Q

In a message dated 07/12/2013 22:24:50 Central Standard Time,
kf7pxt@... writes:

Excuse my ignorance and I am sure that this is not an issue but my PFR kit
came with a 1n5711 diode instead of the 1n5817 as stated on the inventory.
Is this a problem? Again I assume that the answer is no but I am still
learning all the differences in this stuff. Thanks again.

Matt
KF7PXT

4238. Re: [pfr3_group] 1n5711 diode instead of 1n5817?

Yahoo group: pfr3_group
Date: 2013-12-08 05:25:10 UTC
From: Stephen Smith
Topic: 4235 Message: 4238

Hi Matt,

Your assumption is correct, the two parts are NOT equivalent. The 5817 is a 1 Amp. 20 Volt Schottky rectifier and the 5711 is a 15mA 70 Volt Schottky small signal diode.

The 5711 won't handle the current flowing through it with the PFR in transmit (approx. .75 Amp's.)

Best of luck with the project and

73.......Steve Smith WB6TNL

From: <kf7pxt@...>
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] 1n5711 diode instead of 1n5817?
Date: 07 Dec 2013 20:24:48 -0800

Excuse my ignorance and I am sure that this is not an issue but my PFR kit came with a 1n5711 diode instead of the 1n5817 as stated on the inventory. Is this a problem? Again I assume that the answer is no but I am still learning all the differences in this stuff. Thanks again.

Matt
KF7PXT

4239. Re: [pfr3_group] 1n5711 diode instead of 1n5817?

Yahoo group: pfr3_group
Date: 2013-12-08 05:54:32 UTC
From: beargyrils@...
Topic: 4235 Message: 4239

Where did you get the info? I found the same ratings both on line and in the book Bob AF2Q Wilderness Elite Search & Rescue

-----Original Message-----
From: "Stephen Smith" <sigcom@juno.com>
Sender: pfr3_group@yahoogroups.com
Date: Sun, 8 Dec 2013 05:25:10
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] 1n5711 diode instead of 1n5817?

Hi Matt,

Your assumption is correct, the two parts are NOT equivalent. The 5817 is a 1 Amp. 20 Volt Schottky rectifier and the 5711 is a 15mA 70 Volt Schottky small signal diode.

The 5711 won't handle the current flowing through it with the PFR in transmit (approx. .75 Amp's.)

Best of luck with the project and

73.......Steve Smith WB6TNL

From: <kf7pxt@yahoo.com>
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] 1n5711 diode instead of 1n5817?
Date: 07 Dec 2013 20:24:48 -0800

Excuse my ignorance and I am sure that this is not an issue but my PFR kit came with a 1n5711 diode instead of the 1n5817 as stated on the inventory. Is this a problem? Again I assume that the answer is no but I am still learning all the differences in this stuff. Thanks again.

Matt
KF7PXT

Yahoo Groups Links

4240. Re: [pfr3_group] 1n5711 diode instead of 1n5817?

Yahoo group: pfr3_group
Date: 2013-12-08 05:53:05 UTC
From: Stephen Smith
Topic: 4235 Message: 4240

Matt,

Well, I misread your message so the answer to your question is "no", it -is- a problem. Also, at 15 mA maximum rating, the 5711 might not stand up even to the current being pulled through it with the PFR in receive (34 mA "idle", 47 mA "active"). The rest of the stuff I said stands.

The function of that part, BTW, is reverse-polarity protection.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "Stephen Smith" <sigcom@...>
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] 1n5711 diode instead of 1n5817?
Date: Sun, 8 Dec 2013 05:25:10 GMT

Hi Matt,

Your assumption is correct, the two parts are NOT equivalent. The 5817 is a 1 Amp. 20 Volt Schottky rectifier and the 5711 is a 15mA 70 Volt Schottky small signal diode.

The 5711 won't handle the current flowing through it with the PFR in transmit (approx. .75 Amp's.)

Best of luck with the project and

73.......Steve Smith WB6TNL

From: <kf7pxt@...>
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] 1n5711 diode instead of 1n5817?
Date: 07 Dec 2013 20:24:48 -0800

Excuse my ignorance and I am sure that this is not an issue but my PFR kit came with a 1n5711 diode instead of the 1n5817 as stated on the inventory. Is this a problem? Again I assume that the answer is no but I am still learning all the differences in this stuff. Thanks again.

Matt
KF7PXT

Yahoo Groups Links

4241. Re: [pfr3_group] 1n5711 diode instead of 1n5817?

Yahoo group: pfr3_group
Date: 2013-12-08 06:04:40 UTC
From: Stephen Smith
Topic: 4235 Message: 4241

1N5711: http://tinyurl.com/mcaayo5
1N5817: http://tinyurl.com/lmmrchr

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: beargyrils@...
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] 1n5711 diode instead of 1n5817?
Date: Sun, 8 Dec 2013 05:54:32 +0000

Where did you get the info? I found the same ratings both on line and in the book Bob AF2Q

4242. Re: [pfr3_group] 1n5711 diode instead of 1n5817?

Yahoo group: pfr3_group
Date: 2013-12-08 19:01:17 UTC
From: Matthew Conover
Topic: 4235 Message: 4242

Steve and Bob,

Thanks for the info. I did a "smoke test" last night with no issues but I think that I will contact hendricks or run down to the local store and get the correct one. I think that once I transmit, like Steve said, I will have an issue.

Bob, I noticed that when you listed the parts on your original email that you listed the same diode twice. Just wondering if this was meant to be?

Thanks again for the quick responses and I will make sure and get it all figured out before transmit.

Again, always learning and this was a great opportunity.

Thanks!

Matt
KF7PXT

On Saturday, December 7, 2013 10:07 PM, Stephen Smith <sigcom@...> wrote:

1N5711: http://tinyurl.com/mcaayo5
1N5817: http://tinyurl.com/lmmrchr

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: beargyrils@...
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] 1n5711 diode instead of 1n5817?
Date: Sun, 8 Dec 2013 05:54:32 +0000

Where did you get the info? I found the same ratings both on line and in the book Bob AF2Q

Yahoo Groups Links

    http://info.yahoo.com/legal/us/yahoo/utos/terms/

4243. Re: [pfr3_group] 1n5711 diode instead of 1n5817?

Yahoo group: pfr3_group
Date: 2013-12-08 21:36:24 UTC
From: beargyrils@...
Topic: 4235 Message: 4243

Hi MATT,
When I punched in the number you posted it showed both diodes come up the same.
When I put in the 1N5817 it still showed up as 1N5711

In a message dated 08/12/2013 13:01:21 Central Standard Time,
kf7pxt@... writes:

d=23452702937&pkw=1n5817&pmt=b&pdv=c&gclid=CO3zrI3JobsCFRBnOgod0isAWQ#tab=specs

Thanks again for the quick responses and I will make sure and get it all figured out before transmit.

http://datasheet.octopart.com/1N5711-STMicroelectronics-datasheet-43337.pdf

Matt
KF7PXT

4244. Touch paddle PCB

Yahoo group: pfr3_group
Date: 2013-12-11 00:20:22 UTC
From: <mtrager1@...>
Topic: 4244 Message: 4244

Greetings to all,

I will be building the PFR3a soon and was wondering if anyone has extra printed circuit boards (for sale) for the Touch Paddles (manufactured by ExpressPCB)? I see that to buy a set costs about $75 dollars or so. If anyone has one to sell or needs one please email me and we can split the costs.....

Thank you,

73's Michael
http://n2zdb.com/n2zdb http://n2zdb.com/n2zdb

4245. RE: Touch paddle PCB

Yahoo group: pfr3_group
Date: 2013-12-11 06:15:33 UTC
From: <yahoogroups13@...>
Topic: 4244 Message: 4245

To which PCBs are you referring? $75 seems pretty expensive for a PCB. I got the cwtouchkeyer P3 touch paddle kit for $20 or so at a ham fest. Can you give a link for what you were looking at?

Paul

4246. RE: Touch paddle PCB

Yahoo group: pfr3_group
Date: 2013-12-11 14:24:46 UTC
From: <mtrager1@...>
Topic: 4244 Message: 4246

Hi Paul,

The price is from PCBexpress.com who will custom manufacture the board from a file. There are expensive if you just need a few....

http://n2zdb.com/PCBinfo.jpg http://n2zdb.com/PCBinfo.jpg

If someone sells the kit I would prefer that method!

73's Michael
n2zdb

4247. RE: Touch paddle PCB

Yahoo group: pfr3_group
Date: 2013-12-11 16:23:19 UTC
From: <sundstrj@...>
Topic: 4244 Message: 4247

Hello:

I have a model p4 touch paddle keyer (www.cwtouchkeyer.com http://www.cwtouchkeyer.com) that I don't need if it would
work for you. .

Regards,

John de N8YQD

4248. RE: Touch paddle PCB

Yahoo group: pfr3_group
Date: 2013-12-12 05:58:53 UTC
From: <yahoogroups13@...>
Topic: 4244 Message: 4248

I see what you have there. That's kind of steep. If you can layout the board in Eagle or have standard Gerber CAM files, submit it to OSHPark. You should be able to get three boards for about $15 shipped with about a two week turn around. I'm very satisfied with what they've produced for me. More info at their website (downloadable design rules, pricing, etc.). Why so cheap? Among other reasons, they combine small designs to get up to the standard panel size before fabrication and only then produce them.

72s,
Paul - K9MR

4249. Tuner Problem - BLT Tuner

Yahoo group: pfr3_group
Date: 2013-12-23 16:18:11 UTC
From: <wd4msm@...>
Topic: 4249 Message: 4249

I am a new (very new) PFR user and am having a BLT tuner problem:

The setup is:

Coax fed G5RV antenna to the BNC plug.

Setting up S7, S8, and S9 and the "coax switch" on the rear of the radio I am unable to get any dimming of the LED. Adjusting the "tune" and "load" in any manner does not dim the LED one whit.

Obviously I am missing something! :-)

Could I get a suggestion from the group?

Thanks

4250. Re: [pfr3_group] Tuner Problem - BLT Tuner

Yahoo group: pfr3_group
Date: 2013-12-23 17:01:33 UTC
From: Steven Weber
Topic: 4249 Message: 4250

Does your G5RV have the ladder line matching section or do you connect the coax directly to the wire? If you are not using the ladder line section, it may not be possible to match to that antenna.

Back when I used the "short" G5RV and ran it on 40, I found I had to adjust the length of the coax feed section in order to be able to match to it. On 20, the band which the antenna is actually designed to work on, no problem. Don't even think about using it on 30.

You might try matching a 50 ohm dummy load just for practice and to prove you have everything set up properly. Learning to use the BLT takes some practice.

Steve KD1JV

The setup is:

Coax fed G5RV antenna to the BNC plug.

Setting up S7, S8, and S9 and the "coax switch" on the rear of the radio I am unable to get any dimming of the LED. Adjusting the "tune" and "load" in any manner does not dim the LED one whit.

4251. Re: [pfr3_group] Tuner Problem - BLT Tuner

Yahoo group: pfr3_group
Date: 2013-12-23 17:14:22 UTC
From: <wd4msm@...>
Topic: 4249 Message: 4251

Thanks Steve.

I can't connect directly to the ladder line but I can try a dummy load to see that all is well with the PFR. The internal tuner in the Icom 703 seems to have no trouble with the antenna. I still believe I must have some setting on the PFR set incorrectly.

4252. Re: [pfr3_group] Tuner Problem - BLT Tuner

Yahoo group: pfr3_group
Date: 2013-12-23 20:31:26 UTC
From: ckwishmeier@...
Topic: 4249 Message: 4252

Barry,

I fully checked out the tuner and it worked perfectly. Set the back panel toggle switch toward the Bal Line posts. Make sure the slide switches are fully to the left or right as desired. Tune/Oper to Tune. Coax/Blt to Coax. Low Z/Hi Z to Hi Z (This one is guess work to see whether Hi or Lo works the best). Set the Tune control to mid-range and adjust the Load control for a dip in the LED. If you get no dip, set the Load control to mid-range and adjust the Tune control for a dip. Go back and forth until the LED goes out completely. Occasionally you will have to back off one or the other to find the perfect spots.

The back panel toggle switch seems to work in both positions on both your Puffer and mine. The radio will tune up in either position. I usually find that a get a bit more output in the Bal. Line position.

Keith

-----Original Message-----
From: wd4msm <wd4msm@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Dec 23, 2013 11:18 am
Subject: [pfr3_group] Tuner Problem - BLT Tuner

I am a new (very new) PFR user and am having a BLT tuner problem:

The setup is:

     Coax fed G5RV antenna to the BNC plug.

Setting up S7, S8, and S9 and the "coax switch" on the rear of the radio I am unable to get any dimming of the LED. Adjusting the "tune" and "load" in any manner does not dim the LED one whit.

Obviously I am missing something!   :-)

Could I get a suggestion from the group?

Thanks

4253. Re: [pfr3_group] Tuner Problem - BLT Tuner

Yahoo group: pfr3_group
Date: 2013-12-23 20:55:49 UTC
From: <wd4msm@...>
Topic: 4249 Message: 4253

Keith,

It worked! The "counterintuitive" switch toward the balanced line posts did it!

Thanks,

Barry. WD4MSM

4254. L2 and L3 -- replacements

Yahoo group: pfr3_group
Date: 2013-12-24 04:34:58 UTC
From: John Overbaugh
Topic: 4254 Message: 4254

Well... I've had my PFR kit for 3 years now. I finished group 1 today and passed the smoke test. Group 2 is going great, but I seem to have misplaced L3 (the 10 uHy choke). I inventoried the parts when I got the kit way back, and everything was there, so this is just a situation where time allowed one to escape!

Any recommendations on an online source? I have a local shop that sells a fairly good range of components, but I think a choke is a long shot...

Excited to finally be building this up. With a bit more soldering, and forty-leven toroids ahead of me, I hope to finish before the new year. 2014 is the year I learn CW!

4255. Using the PFR-3a

Yahoo group: pfr3_group
Date: 2013-12-24 05:34:56 UTC
From: <mtrager1@...>
Topic: 4255 Message: 4255

I just completed a PFR-3a for an amateur who could not get it to work. The main problem was that none of the toroids enamel was removed before soldering!:(

It is now working but I noticed that I could not get a null from the LED when in TUNE mode with the rear toggle switch towards the BNC jack. However if the rear switch is towards the BLT connectors I do see a NULL on the LED when turning the "TUNE" knob. The load does not seem to make any difference when rotated! Does anyone know why?

Here are some pictures from today...

http://n2zdb.com/PFR3a/one.jpg http://n2zdb.com/PFR3a/one.jpg
http://n2zdb.com/PFR3a/two.jpg http://n2zdb.com/PFR3a/two.jpg
http://n2zdb.com/PFR3a/three.jpg http://n2zdb.com/PFR3a/three.jpg
http://n2zdb.com/PFR3a/four.jpg http://n2zdb.com/PFR3a/four.jpg
http://n2zdb.com/PFR3a/five.jpg http://n2zdb.com/PFR3a/five.jpg
http://n2zdb.com/PFR3a/six.jpg http://n2zdb.com/PFR3a/six.jpg

My antenna is a Radioworks Carolina Windom 80 off center fed dipole.

Any tips on using this QRP rig would be appreciated!

73's Michael
n2zdb

4256. Re: [pfr3_group] L2 and L3 -- replacements

Yahoo group: pfr3_group
Date: 2013-12-24 15:39:53 UTC
From: Steven Weber
Topic: 4254 Message: 4256

The purpose of L3 is to ensure RF doesn't get back into the audio amp via pickup on the headphone cord. In most cases, it probably isn't needed at all. You can either sub a small value resistor (5.6 or 10 ohms) or just use a jumper instead. The value of the inductor here isn't critical, although going larger in value would be better then going smaller. So, if you can find something in the "ball park" that would be fine too.

Steve KD1JV
Well... I've had my PFR kit for 3 years now. I finished group 1 today and passed the smoke test. Group 2 is going great, but I seem to have misplaced L3 (the 10 uHy choke). I inventoried the parts when I got the kit way back, and everything was there, so this is just a situation where time allowed one to escape!

4257. Re: [pfr3_group] L2 and L3 -- replacements

Yahoo group: pfr3_group
Date: 2013-12-24 15:44:10 UTC
From: John Overbaugh
Topic: 4254 Message: 4257

Thanks Steve, I was wondering what that was for. A friendly member of the group has a spare and is sending me one. Meanwhile maybe I'll sub in a 10 ohm resistor for now so the project can keep going.

This is one thing I love about radio -- everyone's willing to help! I may actually get this thing on the air by the new year...
On Dec 24, 2013 8:39 AM, "Steven Weber" <steve.kd1jv@...> wrote:

>
>
> The purpose of L3 is to ensure RF doesn't get back into the audio amp
> via pickup on the headphone cord. In most cases, it probably isn't needed
> at all. You can either sub a small value resistor (5.6 or 10 ohms) or just
> use a jumper instead. The value of the inductor here isn't critical,
> although going larger in value would be better then going smaller. So, if
> you can find something in the "ball park" that would be fine too.
>
> Steve KD1JV
>
> Well... I've had my PFR kit for 3 years now. I finished group 1 today and
> passed the smoke test. Group 2 is going great, but I seem to have misplaced
> L3 (the 10 uHy choke). I inventoried the parts when I got the kit way back,
> and everything was there, so this is just a situation where time allowed
> one to escape!
>
>
>
>
>

4258. Polyvaricon variable cap max capacitance

Yahoo group: pfr3_group
Date: 2013-12-24 16:00:41 UTC
From: <mtrager1@...>
Topic: 4258 Message: 4258

Can anyone tell me how the small trimmers should be set on the Polyvaricons to get maximum range of capacitance?

Thank you,

73's Michael
n2zdb

4259. Re: Polyvaricon variable cap max capacitance

Yahoo group: pfr3_group
Date: 2013-12-27 23:45:46 UTC
From: chubso81
Topic: 4258 Message: 4259

Hi Michael,

Generally they are semicircular plates. If the plates are meshed fully (overlap completely) you will be at maximum capacitance on the trim.

Hope this helps.

73, JP, K8AG

--- In pfr3_group@yahoogroups.com, <mtrager1@...> wrote:
>
> Can anyone tell me how the small trimmers should be set on the Polyvaricons to get maximum range of capacitance?
>
>
> Thank you,
>
>
> 73's Michael
> n2zdb
>

4260. PFR3 for sale

Yahoo group: pfr3_group
Date: 2013-12-30 20:16:43 UTC
From: eject12
Topic: 929 Message: 4260

I seldom use so have decided to sell my PFR3. I will ship for $180. If interested please contact me off list at bvkirk@....

73
Bill
W0PT

4261. PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-04 18:06:29 UTC
From: <ct1bww@...>
Topic: 4261 Message: 4261

Hi Dear Friends,
First of all eartly, wish a Prosperus 2014 , all the best for New Year jyst begin.
After finish my 2nd PFR3 , i start with testings and found that I can´t reduce the LED light during tuning with a dummy load conected.
Seems all conections are exactly as per instructions and same like my 1st PFR3
Anyone can give a me a idea where might be the problem ?
Thanking in advance for readind this post
72 frm Marq ct1bww

4262. RE: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-04 18:26:32 UTC
From: Dale Putnam
Topic: 4261 Message: 4262

Hi Marq, And a Happy and Better New Year to you and yours too.
Congratulations for the finish of the 2nd PFR3. The main difference, when comparing one to the other.. given that all the switches and connections are exactly identical, would be the winding of the large toroid, and its spacing of turns. One quick check of the trimmers on the tuning caps would be in order too. Another common failure in this area is the tinning of the toroids wires...
Good Luck,

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ct1bww@...
Date: Sat, 4 Jan 2014 10:06:29 -0800
Subject: [pfr3_group] PFR3 Tuning Problem

Hi Dear Friends,

First of all eartly, wish a Prosperus 2014 , all the best for New Year jyst begin.After finish my 2nd PFR3 , i start with testings and found that I can´t reduce the LED light during tuning with a dummy load conected. Seems all conections are exactly as per instructions and same like my 1st PFR3Anyone can give a me a idea where might be the problem ?Thanking in advance for readind this post72 frm Marq ct1bww

4263. RE: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-04 23:02:06 UTC
From: hzp_electronics@juno.com
Topic: 4261 Message: 4263
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

4264. RE: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-05 01:31:58 UTC
From: <ct1bww@...>
Topic: 4261 Message: 4264

Hi Bill

Thanks for reply! You mean the T3 Big Toroid , right?
well i've checked with multimeter and all conections are ok!
I will check again.
Best Regards
and Thanks
72 MARQ ct1bww

4265. RE: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-05 01:37:33 UTC
From: <ct1bww@...>
Topic: 4261 Message: 4265

Hi Dale,
Thanks for the message.
Well I don't know what's happening. i will check again the connections
Polyvaricons Caps wih mamximum capacitance.
...uff idon't know
Strange if i connect the bnc directry to the wires (BLT)
I can tuning very well ....
Do you think is bad winding on T100-2 ?
Best Regards
Marq

4266. Re: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-05 01:53:26 UTC
From: ckwishmeier@...
Topic: 4261 Message: 4266

Marq,

Make sure that the switch at the rear is toward the wire posts, not the BNC connector. I built my PFR-3A 2 1/2 years ago and have many many Q-s on it. This morning I changed bands and spent 15 minutes trying to adjust the BLT to get the light to go out. No luck. Thought something must have failed. Then I saw the switch set toward the BNC connector. Flipped it to the posts and she tuned up normally. With my PFR-3A I have to have the switch set toward the posts always when using the internal tuner. This is true whether I am using a long wire and ground connected to the posts or coax to the BNC connector. Love this little rig.

Ken
WA9S

-----Original Message-----
From: ct1bww <ct1bww@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Jan 4, 2014 8:37 pm
Subject: RE: [pfr3_group] PFR3 Tuning Problem

Hi Dale,
Thanks for the message.
Well I don't know what's happening. i will check again the connections Polyvaricons Caps wih mamximum capacitance.
...uff idon't know
Strange if i connect the bnc directry to the wires (BLT)
I can tuning very well ....
Do you think is bad winding on T100-2 ?
Best Regards
Marq

4267. RE: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-05 02:17:32 UTC
From: Dale Putnam
Topic: 4261 Message: 4267

Hi Marq, If the winding went bad on the toroid... (bad solder connection) it would be bad on (BLT) too.IF the switch is good... prove it with an ohmeter... I have seen the switch go bad... the other thing that seems so off hand.. but it happens... is that the switch is in the wrong position... IF it is wired like the manual... then it should "point" to the connection the antenna needs to be connected to. a reheat of the t4 connections might be worth the effort too.
The slide switch selecting coax or blt.. is still good too? (ohmmeter)
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: ct1bww@...
Date: Sat, 4 Jan 2014 17:37:33 -0800
Subject: RE: [pfr3_group] PFR3 Tuning Problem

Hi Dale,
Thanks for the message.
Well I don't know what's happening. i will check again the connections
Polyvaricons Caps wih mamximum capacitance.
...uff idon't know
Strange if i connect the bnc directry to the wires (BLT)
I can tuning very well ....
Do you think is bad winding on T100-2 ?
Best Regards
Marq

4268. Re: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-05 17:27:13 UTC
From: Steven Weber
Topic: 4261 Message: 4268

> The PFR-3 problem that I had was that I did not solder the toroid wire to
> both sides of the PC board. The board does NOT have plated-through holes.
> Just make sure that you solder to the correct side of the board, if you do
> not want to solder to both sides.

The board DOES have plated through holes. Of course, it is possible to get a defective board where some of the holes might not have plated through or it can be damaged like trying to melt through the insulation while the wire is in the hole. The amount of heat need to do that could damage the plating.

For such a simple thing, a lot of people do seem to have trouble with the BLT.

One is getting all the switches in the right position.
Two is just learning how to use it, as it is very touchy with inter-active controls. Just the nature of the beast.
Three is soldering issues with the wire. You really must tin the wires before you put them in the holes and make sure you don't pull the wire past the tinning when you do put the wire in the holes.

Steve KD1JV

4269. Re: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-05 20:05:46 UTC
From: <ct1bww@...>
Topic: 4261 Message: 4269

Hi Steve,
All the best for 2014
Thanks for your message.
Well as per my previous message this is my 2nd PFR3 , definitely was my best KIT already mounted.
But sometimes we forgot small things ...
After read some ideas ..i still confused.
I can Tune very easy the BLT redusing SWR dim led cpmpletely.
With unbalanced line (COAX) I can't tune , The LED is NOT BRIGHT but seems NO TUNING.
The Swicth it's OK! I've checked with Multimeter
But do you think it's possible on this SWITCH as good electric conection BUT without sufficient
pressure to RF?
Thanks for reading and possible comment
72 Marq ct1bww

4270. Re: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-06 14:09:04 UTC
From: Steven Weber
Topic: 4261 Message: 4270

Marq,

When using the BLT with the coax connector, the switch on the back must be set to connect the BNC jack to the binding posts. That I belive you have correct.

On the top of the case you must have the slide switch set to BLT, not COAX. That might be your error. If you have it set to coax, the transmitter is connected to the BNC jack, not the BLT. If the rear panel switch is set to connect to the binding posts, then you are sending power backwards into the BLT coil.

It probably would have been less confusing if we didn't have the switch to connect the BNC jack to the binding posts, but made you use an adaptor if you wanted to connect coax to the BLT output.

Hope your figure it out, there just isn't take much to go wrong other then getting the switches set up properly.

72, Steve KD1JV

4271. Re: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-06 17:23:33 UTC
From: Lee Mairs (SAG)
Topic: 4261 Message: 4271

Thanks Steve for the concise explanation of something that I can never get right. I intend to cut this comment out and paste it on top of my PFR3.
73 de Lee
KM4YY

On 1/6/2014 9:09 AM, Steven Weber wrote:
> □
>
> Marq,
> When using the BLT with the coax connector, the switch on the back must be
> set to connect the BNC jack to the binding posts. That I belive you have
> correct.
> On the top of the case you must have the slide switch set to BLT, not
> COAX. That might be your error. If you have it set to coax, the
> transmitter is connected to the BNC jack, not the BLT. If the rear panel
> switch is set to connect to the binding posts, then you are sending power
> backwards into the BLT coil.
> It probably would have been less confusing if we didn't have the switch to
> connect the BNC jack to the binding posts, but made you use an adaptor if
> you wanted to connect coax to the BLT output.
> Hope your figure it out, there just isn't take much to go wrong other then
> getting the switches set up properly.
> 72, Steve KD1JV
>
>
>

4272. Re: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-06 23:06:29 UTC
From: <ct1bww@...>
Topic: 4261 Message: 4272

Steve

Thanks for message

Sorry maybe i didn't explain me well. What i'm saying is with all switch on COAX position (i want tunning antenna with coaxial line into BNC) I can't tune correctly ......the LED is NOT Bright but i can not dim completely ... i can't 'tune.

If I use a feeder paralell on BLT and switch all to BLT I can easy tune.

I've checked the switch and T3 and seems all ok . The Polyaricons are on macximum capacitance

I can't see where is the problem

I hope you understand me . Sorry for my bad english
72 frm Marq CT1BWW

4273. Re: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-06 23:59:57 UTC
From: Stephen Smith
Topic: 4261 Message: 4273

Hello Marq,

From what you describe, since the LED does dim somewhat, that would indicate your load connected to the BNC connector is beyond the matching range of the BLT. The BLT cannot transform all loads to 50 Ohms.

73.......Steve Smith WB6TNL

Sorry maybe i didn't explain me well. What i'm saying is with all switch on COAX position (i want tunning antenna with coaxial line into BNC) I can't tune correctly ......the LED is NOT Bright but i can not dim completely ... i can't 'tune.

If I use a feeder paralell on BLT and switch all to BLT I can easy tune.

I've checked the switch and T3 and seems all ok . The Polyaricons are on macximum capacitance

4274. RE: [pfr3_group] PFR3 Tuning Problem

Yahoo group: pfr3_group
Date: 2014-01-07 00:24:42 UTC
From: Dale Putnam
Topic: 4261 Message: 4274

The dimming also indicates that it is matching as well as it is going to get.. leave it there.. if all the switches are in the proper positions, then accept thatas Steve Smith says... it's as good as it gets for that antenna.. either change the feedline length or the antenna length or height to improve the dimming additionally. \ One other thought.. is the trimmer caps on the two polycaps. Adjust them, to the opposite setting, only if the cap is maxed one way or the other. IF the dimminng is mid-range don't bother.
Good Luck,

Have a great day,

--... ...--
Dale - WC7S in Wy

> To: pfr3_group@yahoogroups.com
> From: sigcom@...
> Date: Mon, 6 Jan 2014 23:59:57 +0000
> Subject: Re: [pfr3_group] PFR3 Tuning Problem
>
> Hello Marq,
>
> From what you describe, since the LED does dim somewhat, that would indicate your load connected to the BNC connector is beyond the matching range of the BLT. The BLT cannot transform all loads to 50 Ohms.
>
> 73.......Steve Smith WB6TNL
>
> ---------------------------------
> Sorry maybe i didn't explain me well. What i'm saying is with all switch on COAX position (i want tunning antenna with coaxial line into BNC) I can't tune correctly ......the LED is NOT Bright but i can not dim completely ... i can't 'tune.
>
> If I use a feeder paralell on BLT and switch all to BLT I can easy tune.
>
> I've checked the switch and T3 and seems all ok . The Polyaricons are on macximum capacitance
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>
> Yahoo Groups Links
>
>
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4275. PFR-3 paddle

Yahoo group: pfr3_group
Date: 2014-01-07 22:47:29 UTC
From: n8fox@att.net
Topic: 4275 Message: 4275

New to group here. I have a PFR-3 built by Dale and love it. Would anyone part with the original paddle ? Thanks Bill N8fox

4276. RX peak not working

Yahoo group: pfr3_group
Date: 2014-01-09 15:54:40 UTC
From: <kwet@...>
Topic: 4276 Message: 4276

all of a sudden the RX peak is not acting anymore and so the receiving sigs are very low..
thanks for any hints to resolve that problem

4277. RE: [pfr3_group] RX peak not working

Yahoo group: pfr3_group
Date: 2014-01-09 16:11:59 UTC
From: Dale Putnam
Topic: 4276 Message: 4277

Does the tx still act as it is supposed to?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: kwet@bluewin.ch
Date: Thu, 9 Jan 2014 07:54:40 -0800
Subject: [pfr3_group] RX peak not working

all of a sudden the RX peak is not acting anymore and so the receiving sigs are very low..
thanks for any hints to resolve that problem

4278. Re: [pfr3_group] RX peak not working

Yahoo group: pfr3_group
Date: 2014-01-09 16:14:20 UTC
From: Stephen Smith
Topic: 4276 Message: 4278

Not enough information to make a diagnosis.

The problem could be something as simple as a loose shaft extension collar on the polyvaricon capacitor or it could be caused by an electrical issue.

Does the "RX Peak" control have any affect on signal level when it is turned or does the received level stay the same throughout its rotation?

73.......Steve Smith WB6TNL

From: <kwet@...>
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] RX peak not working
Date: 09 Jan 2014 07:54:40 -0800

all of a sudden the RX peak is not acting anymore and so the receiving sigs are very low..
thanks for any hints to resolve that problem

4279. Re: [pfr3_group] RX peak not working

Yahoo group: pfr3_group
Date: 2014-01-09 16:57:58 UTC
From: Steven Weber
Topic: 4276 Message: 4279

Check to see if one of the wires broke off the toroid coil, that would be the most likely things if it was working.

KD1JV

4280. RE: [pfr3_group] RX peak not working

Yahoo group: pfr3_group
Date: 2014-01-09 19:58:24 UTC
From: <kwet@...>
Topic: 4276 Message: 4280

Hi Dale, yes TX works normally...

4281. Re: [pfr3_group] RX peak not working

Yahoo group: pfr3_group
Date: 2014-01-09 20:02:51 UTC
From: <kwet@...>
Topic: 4276 Message: 4281

Hi Steven, thanks for the diagnosics, will check that...

4282. Re: RX peak not working

Yahoo group: pfr3_group
Date: 2014-01-10 22:22:42 UTC
From: k6mgo@verizon.net
Topic: 4276 Message: 4282

I just had the exact same problem and discouvered that one side of the coil L1 had broken loose from the ckt. board. Afer resoldering it, the receiver worked good as new.

73, Bill, k6mgo

--- In pfr3_group@yahoogroups.com, <kwet@...> wrote:
>
>
> all of a sudden the RX peak is not acting anymore and so the receiving sigs are very low.. thanks for any hints to resolve that problem
>

4283. Re: [pfr3_group] RX peak not working

Yahoo group: pfr3_group
Date: 2014-01-10 22:45:19 UTC
From: <kwet@...>
Topic: 4276 Message: 4283

problem solved.... in fact it was a broken solder of the coil,, many thanks for hint !

4284. Keying issue

Yahoo group: pfr3_group
Date: 2014-01-11 00:09:05 UTC
From: n8fox@att.net
Topic: 4284 Message: 4284

I had run thr pfr-3 in the straight key position until today when i put my palmpaddle in line. Mistake. Now i cant get it back in straight key mode. On menue i get the b and it keyes but cant get it to hold and tune etc. Help.. can respond to N8fox@... Thank you..

4285. RE: [pfr3_group] Keying issue

Yahoo group: pfr3_group
Date: 2014-01-11 01:43:25 UTC
From: Dale Putnam
Topic: 4284 Message: 4285

If you shut the PFR3 off, remove the paddle, plug in the sk, then hold the key closed, turn the PFR3 on.. it should be back in SK mode. In the menu, the "b" means it is in iambic b mode, (for a paddle). In the paddle mode, tune should still be available through the menu button,held as it steps through the steos. Menu – how long it is held determines function – send msg, keyer speed, tune, enter msg, select iambic a or b. When in
STRAIGHT KEY mode, no menu, but sending msg 1 is still available.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: n8fox@...
Date: Sat, 11 Jan 2014 00:09:05 +0000
Subject: [pfr3_group] Keying issue

I had run thr pfr-3 in the straight key position until today when i put my palmpaddle in line. Mistake. Now i cant get it back in straight key mode. On menue i get the b and it keyes but cant get it to hold and tune etc. Help.. can respond to N8fox@... Thank you..

4286. Re: [pfr3_group] Keying issue

Yahoo group: pfr3_group
Date: 2014-01-11 18:39:30 UTC
From: Steven Weber
Topic: 4284 Message: 4286

Straight key mode is enabled when the DASH input is grounded as you turn power on. This can be done by using a mono plug which will automatically ground the dash input or by holding the dash paddle closed as you turn the rig on. What could be more simple?

KD1JV

>I had run thr pfr-3 in the straight key position until today when i put my
>palmpaddle in line. Mistake. Now i cant get it back in straight key mode.
>On menue i get the b and it keyes but cant get it to hold and tune etc.
>Help.. can respond to N8fox@... Thank you..
>

4287. keying issue

Yahoo group: pfr3_group
Date: 2014-01-13 22:50:23 UTC
From: n8fox@att.net
Topic: 4287 Message: 4287

Dale and Steve thanks for you input. What i have now is in the b. or 6 mode and thats all that appears on the display i can key with the straight key but when i change freq its lost. With the palm paddle in i get fast dits but the dah side of the paddle doesnt work. Is there a way to clear whatever may be in memory ? Dont know how i messed this up. I sure love the radio and have been working all over on 30m of late with it with good reports. Tnx Bill

4288. RE: [pfr3_group] keying issue

Yahoo group: pfr3_group
Date: 2014-01-14 00:15:06 UTC
From: Dale Putnam
Topic: 4287 Message: 4288

Hi Bill, If you shut it off, take the batteries out, and let it sit for 10 minutes, then plug in your paddles, put the batteries back in, then turn it on... ??
I figure that it has been working, and now it doesn't...
You could send it to me, or Steve, and get it back all better???

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: n8fox@...
Date: Mon, 13 Jan 2014 22:50:23 +0000
Subject: [pfr3_group] keying issue

Dale and Steve thanks for you input. What i have now is in the b. or 6 mode and thats all that appears on the display i can key with the straight key but when i change freq its lost. With the palm paddle in i get fast dits but the dah side of the paddle doesnt work. Is there a way to clear whatever may be in memory ? Dont know how i messed this up. I sure love the radio and have been working all over on 30m of late with it with good reports. Tnx Bill

4289. Re: [pfr3_group] keying issue

Yahoo group: pfr3_group
Date: 2014-01-14 11:37:25 UTC
From: bill MacKay
Topic: 4287 Message: 4289

Will give it try today. You built this one for W6jho and its a nice radio. Will get back to you . Tnx Bill

---

From: Dale Putnam <daleputnam@...>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Monday, January 13, 2014 7:15 PM
Subject: RE: [pfr3_group] keying issue

Hi Bill,
  If you shut it off, take the batteries out, and let it sit for 10 minutes, then plug in your paddles, put the batteries back in,
then turn it on... ??

I figure that it has been working, and now it doesn't...

You could send it to me, or Steve, and get it back all better???

Have a great day, --... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.comFrom: n8fox@...: Mon, 13 Jan 2014 22:50:23 +0000Subject: [pfr3_group] keying issue
Dale and Steve thanks for you input. What i have now is in the b. or 6 mode and thats all that appears on the display i can key with the straight key but when i change freq its lost. With the palm paddle in i get fast dits but the dah side of the paddle doesnt work. Is there a way to clear whatever may be in memory ? Dont know how i messed this up. I sure love the radio and have been working all over on 30m of late with it with good reports. Tnx Bill

4290. Re: [pfr3_group] keying issue

Yahoo group: pfr3_group
Date: 2014-01-14 19:23:49 UTC
From: Steven Weber
Topic: 4287 Message: 4290

Turning off the power with out the dash input grounded should put it back into paddle mode. But since you get dits but not dashs, either something is wrong with the paddle or cable or you somehow blew out the port input for the dash and will have to get a replacement processor.

KD1JV

> Dale and Steve thanks for you input. What i have now is in the b. or 6
> mode and thats all that appears on the display i can key with the straight
> key but when i change freq its lost. With the palm paddle in i get fast
> dits but the dah side of the paddle doesnt work. Is there a way to clear
> whatever may be in memory ? Dont know how i messed this up. I sure love
> the radio and have been working all over on 30m of late with it with good
> reports. Tnx Bill
>

4291. Re: [pfr3_group] keying issue

Yahoo group: pfr3_group
Date: 2014-01-14 19:55:47 UTC
From: bill MacKay
Topic: 4287 Message: 4291

Thanks Steve. I will pack it up and send it to Dale who built it. Thank you for your time spent helping me out. I love the little yellow rig. Bill

---
From: Steven Weber <steve.kd1jv@...>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, January 14, 2014 2:23 PM
Subject: Re: [pfr3_group] keying issue

Turning off the power with out the dash input grounded should put it back into paddle mode. But since you get dits but not dashs, either something is wrong with the paddle or cable or you somehow blew out the port input for the dash and will have to get a replacement processor.

KD1JV

> Dale and Steve thanks for you input. What i have now is in the b. or 6
> mode and thats all that appears on the display i can key with the straight
> key but when i change freq its lost. With the palm paddle in i get fast
> dits but the dah side of the paddle doesnt work. Is there a way to clear
> whatever may be in memory ? Dont know how i messed this up. I sure love
> the radio and have been working all over on 30m of late with it with good
> reports. Tnx Bill
>

4292. Securing Torroids

Yahoo group: pfr3_group
Date: 2014-01-16 15:14:24 UTC
From: John Overbaugh
Topic: 4292 Message: 4292

Seems like a couple of threads recently regarding torroids which have disconnect, presumable due to the shaking and jarring that happen when one hikes... Since I'm still in the middle of phase 2 of my build out (I'm actually winding torroids currently), I started wondering if there was a way to prevent the breakage of torroid wires.

So here's my question: would there be *any* negative impact from hot gluing torroids to the circuit board? I'm assuming no, seems like hot glue wouldn't be conductive but then maybe it would have some other effect?

Anyhow, if a little glue means I don't have to invent a solder iron from pine pitch, sticks, and flint while in the backcountry, it seems a worthwhile investment!

Thanks and 73's de K7JTO

John O.

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4293. RE: [pfr3_group] Securing Torroids

Yahoo group: pfr3_group
Date: 2014-01-16 15:49:30 UTC
From: Dale Putnam
Topic: 4292 Message: 4293

I believe the reason for the toroids breaking loose, may be from their ability to "slap" or wiggle. I've had only one get loose, and that was causedby the post office tossing the box. (toss was observed). The problem with using any glue, is that it is difficult to make adjustments for fine tuning, and the possibility to change tuning. The addition of candle wax might be considered, to firm the toroid in place, however, the leads themselves should hold it firmly in place, not above the board.
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: john.overbaugh@...
Date: Thu, 16 Jan 2014 08:14:24 -0700
Subject: [pfr3_group] Securing Torroids

Seems like a couple of threads recently regarding torroids which have disconnect, presumable due to the shaking and jarring that happen when one hikes... Since I'm still in the middle of phase 2 of my build out (I'm actually winding torroids currently), I started wondering if there was a way to prevent the breakage of torroid wires.

So here's my question: would there be *any* negative impact from hot gluing torroids to the circuit board? I'm assuming no, seems like hot glue wouldn't be conductive but then maybe it would have some other effect?

Anyhow, if a little glue means I don't have to invent a solder iron from pine pitch, sticks, and flint while in the backcountry, it seems a worthwhile investment!

Thanks and 73's de K7JTO

John O.

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ

4294. Winding Torroids

Yahoo group: pfr3_group
Date: 2014-01-17 00:15:07 UTC
From: John Overbaugh
Topic: 4294 Message: 4294

I'm winding T1. I can barely fit 40 turns in the torroid, let alone the remaining 5 turns for the primary winding. Is it acceptable to overlap turns? If so, should I overlap turns in the secondary and leave space for the primary, or should I overlap the primary on top of the secondary?

Thanks - I only want to do this once. I believe there's a reason the word "torroids" so closely resembles a medical condition... ;)

73's de K7JTO

John O.

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4295. Re: [pfr3_group] Winding Torroids

Yahoo group: pfr3_group
Date: 2014-01-17 20:34:03 UTC
From: Larry Wright
Topic: 4294 Message: 4295

John, I have wound many, many toroids. I would overlap the primary on top of the secondary winding and space the primary turns evenly on top of the secondary. In other words, don't closely space the primary on a small portion of the secondary winding.

Larry Wright
N4QY
----- Original Message -----
From: John Overbaugh
To: pfr3_group@yahoogroups.com
Sent: Thursday, January 16, 2014 7:15 PM
Subject: [pfr3_group] Winding Torroids

I'm winding T1. I can barely fit 40 turns in the torroid, let alone the remaining 5 turns for the primary winding. Is it acceptable to overlap turns? If so, should I overlap turns in the secondary and leave space for the primary, or should I overlap the primary on top of the secondary?

Thanks - I only want to do this once. I believe there's a reason the word "torroids" so closely resembles a medical condition... ;)

73's de K7JTO

John O.

--

John Overbaugh, CISSP CHP GWAPT GSLC GCIH

K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ

4296. Re: [pfr3_group] Winding Torroids

Yahoo group: pfr3_group
Date: 2014-01-17 21:13:26 UTC
From: John Overbaugh
Topic: 4294 Message: 4296

Thanks Larry - I appreciate the feedback (confirms what Dale Putnam told me offline). I'll be winding and soldering this afternoon once I wrap up my latest "security research" project.

On Fri, Jan 17, 2014 at 1:34 PM, Larry Wright <n4qy@...> wrote:

>
>
> John, I have wound many, many toroids. I would overlap the primary on
> top of the secondary winding and space the primary turns evenly on top of
> the secondary. In other words, don't closely space the primary on a small
> portion of the secondary winding.
>
> Larry Wright
> N4QY
>
> ----- Original Message -----
> *From:* John Overbaugh <john.overbaugh@...>
> *To:* pfr3_group@yahoogroups.com
> *Sent:* Thursday, January 16, 2014 7:15 PM
> *Subject:* [pfr3_group] Winding Torroids
>
>
>
> I'm winding T1. I can barely fit 40 turns in the torroid, let alone the
> remaining 5 turns for the primary winding. Is it acceptable to overlap
> turns? If so, should I overlap turns in the secondary and leave space for
> the primary, or should I overlap the primary on top of the secondary?
>
> Thanks - I only want to do this once. I believe there's a reason the word
> "torroids" so closely resembles a medical condition... ;)
>
> 73's de K7JTO
>
> John O.
>
> --
> John Overbaugh, CISSP CHP GWAPT GSLC GCIH
> K7JTO
> blog: sleepytridad.blogspot.com k7jto.blogspot.com
> YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>
>
>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
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blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4297. Blog of my Build

Yahoo group: pfr3_group
Date: 2014-01-19 17:27:40 UTC
From: John Overbaugh
Topic: 4297 Message: 4297

I'd be ungrateful if I didn't come back to the group to share where I'm at (ready for dialing in group 2) and didn't say "thank you" to all who have helped.

I decided to start blogging about my experience.
http://k7jto.blogspot.com/2014/01/hendricks-pfr3-build-groups-1-2.html

Hoping to dial in group 2 tomorrow, and wrap up group 3 next week. See you on the bands!!

Thanks again,

73's de K7JTO

John O.

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
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YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4298. Re: [pfr3_group] Blog of my Build

Yahoo group: pfr3_group
Date: 2014-01-19 21:44:48 UTC
From: beargyrils@...
Topic: 4297 Message: 4298

Hi John,
The pfr3 is a super QRP RIG.
Dale built mine and sent it out for me to try.
I got lost being excited:-) and tuning was a bit rough because of a past stroke I have little feeling in my right hand.
I donated the rig to a friend in the UK who is at war with cancer and I know he always wanted one.
Don't think i'll get another unless I find a builder.
Mom is still needing care in the Nursing home and I was to,close to being placed in that box last SEPT
You'll love the yellow rig.
Puts out more power then any other QRP rig on CW
GL

BOB AF2Q
I'm still doing SAR,and now playing guitars and wring songs

In a message dated 1/19/2014 1:16:51 P.M. Pacific Standard Time, john.overbaugh@... writes:

I'd be ungrateful if I didn't come back to the group to share where I'm at (ready for dialing in group 2) and didn't say "thank you" to all who have helped.

I decided to start blogging about my experience.
http://k7jto.blogspot.com/2014/01/hendricks-pfr3-build-groups-1-2.html

Hoping to dial in group 2 tomorrow, and wrap up group 3 next week. See you on the bands!!

Thanks again,

73's de K7JTO

John O.

4299. Re: Blog of my Build

Yahoo group: pfr3_group
Date: 2014-01-20 14:33:08 UTC
From: John Overbaugh
Topic: 4297 Message: 4299

Thanks Bob! By the way, it was awful nice of you to give up your rig to a friend. If you ever want another, I'll volunteer to build it--but let's wait to see how my build turns out first. ;) I'm pretty confident that, between me learning from my mistakes, and my Elmer (who IS a competent electrical engineer) we could build up something quite clean.

On Sunday, January 19, 2014, <beargyrils@...> wrote:

>
>
> Hi John,
> The pfr3 is a super QRP RIG.
> Dale built mine and sent it out for me to try.
> I got lost being excited:-) and tuning was a bit rough because of a past
> stroke I have little feeling in my right hand.
> I donated the rig to a friend in the UK who is at war with cancer and I
> know he always wanted one.
> Don't think i'll get another unless I find a builder.
> Mom is still needing care in the Nursing home and I was to,close to being
> placed in that box last SEPT
> You'll love the yellow rig.
> Puts out more power then any other QRP rig on CW
> GL
>
> BOB AF2Q
> I'm still doing SAR,and now playing guitars and wring songs
>
> In a message dated 1/19/2014 1:16:51 P.M. Pacific Standard Time,
> john.overbaugh@... <javascript:_e({}, 'cvml',
> 'john.overbaugh@gmail.com');> writes:
>
> I'd be ungrateful if I didn't come back to the group to share where I'm at
> (ready for dialing in group 2) and didn't say "thank you" to all who have
> helped.
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> http://k7jto.blogspot.com/2014/01/hendricks-pfr3-build-groups-1-2.html
>
> Hoping to dial in group 2 tomorrow, and wrap up group 3 next week. See you
> on the bands!!
>
> Thanks again,
>
> 73's de K7JTO
>

> John O.
>
>
>
>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4300. NUE-PSK

Yahoo group: pfr3_group
Date: 2014-01-21 23:53:33 UTC
From: <glprivett@...>
Topic: 4300 Message: 4300

Hello, I have been looking at the NUE-PSK Digital Modem. Will this work with the FPR3?

Thanks

George VY1GP

4301. Unbuilt PFR-3 for sale

Yahoo group: pfr3_group
Date: 2014-01-22 14:45:30 UTC
From: <boblusby@...>
Topic: 4301 Message: 4301

Bought two PFR-3s at Dayton last year and still have one un-built. They were missing the hook-up wire and stand-off spacers for the caps. I found some stand-offs spacers that work and have some hook-up wire but may not be the Teflon coated type. I tried numerous times to get replacements from Hendricks to no avail. This one has the marked case not the model stick-ons. Anyway, will sell the kit for $225 shipped.

4302. Re: [pfr3_group] NUE-PSK

Yahoo group: pfr3_group
Date: 2014-01-22 18:31:56 UTC
From: Steven Weber
Topic: 4300 Message: 4302

NO, the NUE-PSK requires a SSB transceiver.

Hello,
I have been looking at the NUE-PSK Digital Modem. Will this work with the FPR3?

Thanks

George VY1GP

4303. How to - Memory

Yahoo group: pfr3_group
Date: 2014-01-23 13:41:17 UTC
From: Dale Putnam
Topic: 4303 Message: 4303

Oh.. wow.. I love the subject line....
What I'm looking for is how to completely blank out the memories in the PFR3. Eliminate them both. Leave the memories as blank.
All I have been able to do is leave them with either a dah.. or a dit.
Suggestions please?Thank you,

Have a great day,

--... ...--
Dale - WC7S in Wy

4304. Re: [pfr3_group] How to - Memory

Yahoo group: pfr3_group
Date: 2014-01-23 16:01:42 UTC
From: Steven Weber
Topic: 4303 Message: 4304

Just start the memory entery routine, push the review button, then tap the paddle for location 1 or 2 and it will store an 'end of string" character as the first character and effectively disable the memory.

KD1JV

Oh.. wow.. I love the subject line....

What I'm looking for is how to completely blank out the memories in the PFR3.
Eliminate them both. Leave the memories as blank.

All I have been able to do is leave them with either a dah.. or a dit.

Suggestions please?
Thank you,

Have a great day,

--... ...-- Dale - WC7S in Wy

4305. RE: [pfr3_group] How to - Memory

Yahoo group: pfr3_group
Date: 2014-01-23 16:03:04 UTC
From: Dale Putnam
Topic: 4303 Message: 4305

Thanks Steve,

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: steve.kd1jv@...
Date: Thu, 23 Jan 2014 11:01:42 -0500
Subject: Re: [pfr3_group] How to - Memory

Just start the memory entery routine, push the
review button, then tap the paddle for location 1 or 2 and it will store an 'end
of string" character as the first character and effectively disable the memory.

KD1JV

Oh.. wow.. I love the subject line....

What I'm looking for is how to completely blank out the memories in the
PFR3.
Eliminate them both. Leave the memories as blank.

All I have been able to do is leave them with either a dah.. or a
dit.

Suggestions please?
Thank you,

Have a great day,

--...
...-- Dale - WC7S in Wy

4306. Stuff that works - Guy Clark

Yahoo group: pfr3_group
Date: 2014-01-26 15:30:20 UTC
From: lahagar1@...
Topic: 4306 Message: 4306

Joe, three chords C, F and G - as if I needed to say it.

http://youtu.be/lgCyXw2EWuA

How cool is this song?

God bless,
73
Lynn
NG9D

4307. Half voltage on U8 Pins 1 and 13

Yahoo group: pfr3_group
Date: 2014-01-31 23:52:53 UTC
From: John Overbaugh
Topic: 4307 Message: 4307

I'm performing the pretest in group 3. When I power up in straight key mode, I see the correct voltage on pins 1 and 13 on U8 (0 v). When I close the dot key (straight key), the voltage goes up to 1.2v whereas the manual says it should be 2.0 v.

I have reviewed every component and everything appears correct (I did find a missing cap and resistor, not sure how that happened), but still the tests show half the voltage. Anything logical I could be looking for that would explain the lower voltage?

Thanks!

John O.

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4308. RE: Half voltage on U8 Pins 1 and 13

Yahoo group: pfr3_group
Date: 2014-02-01 00:18:28 UTC
From: <john.overbaugh@...>
Topic: 4307 Message: 4308

Update: moving into group 2, I may have found my mistake.
* Manual R6 & R7 should be YEL/VOL/YEL
* Errata: ORG/ORG/YEL
* Installed: YEL/VOL/YEL

But note: the errata indicates the manual states RED/RED/ORG, but (as you can see above) it does not. I assume the errata takes precedence, in spite of the manual not matching what the errata says? This should be ORG/ORG/YEL?

There appear to be absolutely no ORG/ORG/YEL resisters in my kit. However, when I look up 470k I see YEL/VOL/YEL as the correct colors.

Any suggestions?

4309. Re: [pfr3_group] Half voltage on U8 Pins 1 and 13

Yahoo group: pfr3_group
Date: 2014-02-01 01:01:51 UTC
From: Stephen Smith
Topic: 4307 Message: 4309

Hi John,

Since what you are 'looking' at is a square wave at HF frequencies, it could be as simple as your DVM not being able to correctly average the reading. I'd recommend moving forward.

Best of luck with the rest of the build and

73.......Steve Smith WB6TNL

4310. RE: [pfr3_group] RE: Half voltage on U8 Pins 1 and 13

Yahoo group: pfr3_group
Date: 2014-02-01 01:04:26 UTC
From: Dale Putnam
Topic: 4307 Message: 4310

Hi John, Check the schematic, R6 &7 on mine are a pair of 470k or yellow violet yellow.They will work with 330k there also.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: john.overbaugh@...
Date: Fri, 31 Jan 2014 16:18:28 -0800
Subject: [pfr3_group] RE: Half voltage on U8 Pins 1 and 13

Update: moving into group 2, I may have found my mistake.
* Manual R6 & R7 should be YEL/VOL/YEL
* Errata: ORG/ORG/YEL
* Installed: YEL/VOL/YEL

But note: the errata indicates the manual states RED/RED/ORG, but (as you can see above) it does not. I assume the errata takes precedence, in spite of the manual not matching what the errata says? This should be ORG/ORG/YEL?
There appear to be absolutely no ORG/ORG/YEL resisters in my kit. However, when I look up 470k I see YEL/VOL/YEL as the correct colors.
Any suggestions?

4311. RE: [pfr3_group] Half voltage on U8 Pins 1 and 13

Yahoo group: pfr3_group
Date: 2014-02-01 01:15:31 UTC
From: Dale Putnam
Topic: 4307 Message: 4311

As Steve said, I'd suspect that the voltage seen there, is more important to see it change when keyed, rather than be concerned about the exact level. Returning to Zero after keyed, is a good thing too.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: john.overbaugh@...
Date: Fri, 31 Jan 2014 16:52:53 -0700
Subject: [pfr3_group] Half voltage on U8 Pins 1 and 13

I'm performing the pretest in group 3. When I power up in straight key mode, I see the correct voltage on pins 1 and 13 on U8 (0 v). When I close the dot key (straight key), the voltage goes up to 1.2v whereas the manual says it should be 2.0 v.

I have reviewed every component and everything appears correct (I did find a missing cap and resistor, not sure how that happened), but still the tests show half the voltage. Anything logical I could be looking for that would explain the lower voltage?

Thanks!

John O.

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ

4312. Re: [pfr3_group] RE: Half voltage on U8 Pins 1 and 13

Yahoo group: pfr3_group
Date: 2014-02-01 01:14:22 UTC
From: Stephen Smith
Topic: 4307 Message: 4312

Hi John,

The latest revision of the PFR-3A manual shows R6 & R7 as 470K on the schematic and in the parts list. If you have 470K in both locations, leave them.

Improper parts there would not affect operation of U8 as they're in the RX audio filter.

Have fun!

73.......Steve Smith WB6TNL

4313. Re: Half voltage on U8 Pins 1 and 13

Yahoo group: pfr3_group
Date: 2014-02-02 04:46:25 UTC
From: John Overbaugh
Topic: 4307 Message: 4313

Thank you all again for the quick answers. Moving on to l7 and the tuner next. I see light at the end of the tunnel (which is good--I find my vision is rapidly falling apart, had to use a flashlight yesterday to read component lettering!).

On Friday, January 31, 2014, Dale Putnam <daleputnam@...> wrote:

>
>
> As Steve said, I'd suspect that the voltage seen there, is more important
> to see it change when keyed, rather than be concerned
> about the exact level.
> Returning to Zero after keyed, is a good thing too.
>
>
> Have a great day,
>
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
>
> ------------------------------
> To:
pfr3_group@yahoogroups.com<javascript:_e(%7B%7D,'cvml','pfr3_group@yahoogroups.com');>
> From: john.overbaugh@...<javascript:_e(%7B%7D,'cvml','john.overbaugh@...');>
> Date: Fri, 31 Jan 2014 16:52:53 -0700
> Subject: [pfr3_group] Half voltage on U8 Pins 1 and 13
>
>
>
> I'm performing the pretest in group 3. When I power up in straight key
> mode, I see the correct voltage on pins 1 and 13 on U8 (0 v). When I close
> the dot key (straight key), the voltage goes up to 1.2v whereas the manual
> says it should be 2.0 v.
>
> I have reviewed every component and everything appears correct (I did find
> a missing cap and resistor, not sure how that happened), but still the
> tests show half the voltage. Anything logical I could be looking for that
> would explain the lower voltage?
>
> Thanks!
>
> John O.

>
>
> --
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>
>
>

--
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4314. PFR3 IC "migration"

Yahoo group: pfr3_group
Date: 2014-02-10 02:29:13 UTC
From: John Parnell
Topic: 4314 Message: 4314

Hi All, I emerge from lurking to note a workbench (re) discovery:

I noted - to my bitter disappointment - that my trusty PFR3 would not RX/TX and that the display was going crazy. it was odd since I had not been using it for a few weeks and it worked OK the previous time. I despaired since troubleshooting is not my strong suit. I pulled the board out of the rig and and gave it a careful once-over; all looked ok. then, while seeing all those IC's, I recalled what a techie friend suggested to me many years ago: try pressing the IC's firmly to make sure they are seated - sometimes the ambient heating and cooling can cause ICs to "wiggle" out a bit - resulting in a weak (or open) contact.

I went through the board and GENTLY pressed each of the IC's into their socket and noted each moved in a bit when pressed. I then applied power, antenna, speaker and key and - voila! - everything was FB again . good RX and full output. Worthy of sharing, I thought, this might save some other poor soul some grief.

72 de John, K7HV

4315. No receive

Yahoo group: pfr3_group
Date: 2014-02-14 22:22:16 UTC
From: John Overbaugh
Topic: 4315 Message: 4315

Erg. OK folks, returning to the group for a little help. Way back when I finished group 2, I smoke tested it. I attached a long wire to the left side of R1 to see if I hear signal and, well, heard nothing. I thought nothing of it however, as I was in my buddy's basement surrounded by a wall of (running) servers.

I'm just about done with the entire kit (I have only that monster torroid left to wind), and today I got a break at work so I checked on 20m with my 817 and found a frequency with CW. When I tuned the PFR to that freq and touched the long wire to R1, I still got nothing.

Any recommendations on where to start troubleshooting this? In troubleshooting other issues, I've gone through the entire build process, twice, checking for installation of the wrong components, etc. Everything has checked out correct. Remembering recent conversations, I pulled each of the chips out and reseated them, but still no joy.

I'm getting a "guy's night out" tomorrow and will spend the evening wrapping up the build, but of course no receive is really not a good thing in "two-way" radio. I'd love to finish up tomorrow and have a fully-functional PFR3 on my hands but I'm a bit disturbed by this development.

Thanks in advance,

John O.

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
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4316. Re: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-14 22:42:13 UTC
From: Stephen Smith
Topic: 4315 Message: 4316

Hello John,

You don't say if the transmitter is functioning properly and I'm not going to assume anything. If it is, that is more than half the battle won.

Have you tried following the troubleshooting steps (pg. 22 if your rig is a 3A; pg. 20 if your rig is a 3)?

73.......Steve Smith WB6TNL

4317. Re: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-14 23:26:41 UTC
From: John Overbaugh
Topic: 4315 Message: 4317

<sheepishly> No, I haven't tried those steps - will take a look over the weekend, thanks Steve!

What a saga this build has been - thank you, folks, for all your help and your patience while I ask question after question after question!

On Fri, Feb 14, 2014 at 3:42 PM, Stephen Smith <sigcom@...> wrote:

> Hello John,
>
> You don't say if the transmitter is functioning properly and I'm not going
> to assume anything. If it is, that is more than half the battle won.
>
> Have you tried following the troubleshooting steps (pg. 22 if your rig is
> a 3A; pg. 20 if your rig is a 3)?
>
> 73.......Steve Smith WB6TNL
>
>
> ------------------------------------
>
> Yahoo Groups Links
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>
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>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4318. Re: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-14 23:30:00 UTC
From: Stephen Smith
Topic: 4315 Message: 4318

Hello John,

Support is the name of the game, at least from this location on the left coast :-).

73.......Steve Smith WB6TNL

From: John Overbaugh <john.overbaugh@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Subject: Re: [pfr3_group] No receive
Date: Fri, 14 Feb 2014 16:26:41 -0700

<sheepishly> No, I haven't tried those steps - will take a look over the weekend, thanks Steve!

What a saga this build has been - thank you, folks, for all your help and your patience while I ask question after question after question!

4319. RE: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-14 23:51:14 UTC
From: Dale Putnam
Topic: 4315 Message: 4319

HI John, The biggest problem with the rx of the PFR3, is the soldering.. especially on T1 and L1... you can use an ohmeter on R1 to see if half of T1 is soldered in.... then on both ends of L1.. should also read zero ohms to ground. IF that checks.. then the only other concern is the other half of the problems that stubbornly remain at this point.. and that is the proper installation of T1... The input side (R1) is the least number of turns.... it is a step up xtmr... Use some real good glass and make sure that is proper. You might try the "finger touch/listen" on arm of V1, see if that gets hum... if it does.. then check the correct insertion of the ics (I figure you have before you started... by looking at the board) once in a great while, a component may fail, if static is rampant in your build area, then one of the ICs may have left the building.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: john.overbaugh@...
Date: Fri, 14 Feb 2014 15:22:16 -0700
Subject: [pfr3_group] No receive

Erg. OK folks, returning to the group for a little help. Way back when I finished group 2, I smoke tested it. I attached a long wire to the left side of R1 to see if I hear signal and, well, heard nothing. I thought nothing of it however, as I was in my buddy's basement surrounded by a wall of (running) servers.

I'm just about done with the entire kit (I have only that monster torroid left to wind), and today I got a break at work so I checked on 20m with my 817 and found a frequency with CW. When I tuned the PFR to that freq and touched the long wire to R1, I still got nothing.

Any recommendations on where to start troubleshooting this? In troubleshooting other issues, I've gone through the entire build process, twice, checking for installation of the wrong components, etc. Everything has checked out correct. Remembering recent conversations, I pulled each of the chips out and reseated them, but still no joy.

I'm getting a "guy's night out" tomorrow and will spend the evening wrapping up the build, but of course no receive is really not a good thing in "two-way" radio. I'd love to finish up tomorrow and have a fully-functional PFR3 on my hands but I'm a bit disturbed by this development.

Thanks in advance,

John O.
--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com

YouTube: KF7DVJ

4320. Re: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-15 00:28:22 UTC
From: John Overbaugh
Topic: 4315 Message: 4320

Bingo - I had another unexpected shot of free time and so I wired everything back up. Still completely silent except when I touched L1 and/or T1 with my fingers. Plenty of dits and dahs. If you recall, I had that ridiculous idea of strengthening the mounting of my torroids with candle wax? Yah... so... it's going to be a bit of a mess, but I will clean everything up, desolder it all, check the wires, and resolder L1 and T1. Anecdotally from R1 to L1 both contacts go to 0 ohms. To T1 3 of 4 contacts consistently go to 0 and one of them seems like a cold join. I might start by just reheating that joint (it's the easy things, right).

Just curious, what am I doing when I touch L1 with my fingers? My body appears to be an antenna, so maybe my issue is I just wasn't hooking the antenna to the correct spot when I tested?

On Fri, Feb 14, 2014 at 4:51 PM, Dale Putnam <daleputnam@...> wrote:

>
>
> HI John,
> The biggest problem with the rx of the PFR3, is the soldering..
> especially on T1 and L1... you can use an ohmeter on R1 to see if half of
> T1 is soldered in.... then on both ends of L1.. should also read zero ohms
> to ground. IF that checks.. then the only other concern is the other half
> of the problems that stubbornly remain at this point.. and that is the
> proper installation of T1... The input side (R1) is the least number of
> turns.... it is a step up xtmr... Use some real good glass and make sure
> that is proper. You might try the "finger touch/listen" on arm of V1, see
> if that gets hum... if it does.. then check the correct insertion of the
> ics (I figure you have before you started... by looking at the board)
> once in a great while, a component may fail, if static is rampant in your
> build area, then one of the ICs may have left the building.
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> Have a great day,
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> --... ...-- Dale - WC7S in Wy
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>
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>
> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: john.overbaugh@...
> Date: Fri, 14 Feb 2014 15:22:16 -0700
> Subject: [pfr3_group] No receive
>

>
>
>
> Erg. OK folks, returning to the group for a little help. Way back when I
> finished group 2, I smoke tested it. I attached a long wire to the left
> side of R1 to see if I hear signal and, well, heard nothing. I thought
> nothing of it however, as I was in my buddy's basement surrounded by a wall
> of (running) servers.
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> I'm just about done with the entire kit (I have only that monster torroid
> left to wind), and today I got a break at work so I checked on 20m with my
> 817 and found a frequency with CW. When I tuned the PFR to that freq and
> touched the long wire to R1, I still got nothing.
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> Any recommendations on where to start troubleshooting this? In
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> wrapping up the build, but of course no receive is really not a good thing
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> Thanks in advance,
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4321. RE: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-15 00:49:40 UTC
From: Dale Putnam
Topic: 4315 Message: 4321

Hi John, Your finger was the antenna.. and yes you were using the correct spot on R1.. if it was not the grounded end. The cold solder joint seems very very likely... or maybe the lead wasn't quite as clean....the wax is the best thing.. just think.. to reheat with hot glue or something else.. woulda made you run for fresh air..as it is.. with wax... it will just be slightly messy... I use Party Light candles.. so it smells good. Good Luck, you're on the right path,

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: john.overbaugh@...
Date: Fri, 14 Feb 2014 17:28:22 -0700
Subject: Re: [pfr3_group] No receive

Bingo - I had another unexpected shot of free time and so I wired everything back up. Still completely silent except when I touched L1 and/or T1 with my fingers. Plenty of dits and dahs. If you recall, I had that ridiculous idea of strengthening the mounting of my torroids with candle wax? Yah... so... it's going to be a bit of a mess, but I will clean everything up, desolder it all, check the wires, and resolder L1 and T1. Anecdotally from R1 to L1 both contacts go to 0 ohms. To T1 3 of 4 contacts consistently go to 0 and one of them seems like a cold join. I might start by just reheating that joint (it's the easy things, right).

Just curious, what am I doing when I touch L1 with my fingers? My body appears to be an antenna, so maybe my issue is I just wasn't hooking the antenna to the correct spot when I tested?

On Fri, Feb 14, 2014 at 4:51 PM, Dale Putnam <daleputnam@...> wrote:

HI John, The biggest problem with the rx of the PFR3, is the soldering.. especially on T1 and L1... you can use an ohmeter on R1 to see if half of T1 is soldered in.... then on both ends of L1.. should also read zero ohms to ground. IF that checks.. then the only other concern is the other half of the problems that stubbornly remain at this point.. and that is the proper installation of T1... The input side (R1) is the least number of turns.... it is a step up xtmr... Use some real good glass and make sure that is proper. You might try the "finger touch/listen" on arm of V1, see if that gets hum... if it does.. then check the correct insertion of the ics (I figure you have before you started... by looking at the board) once in a great while, a component may fail, if static is rampant in your build area, then one of the ICs may have left the building.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: john.overbaugh@...

Date: Fri, 14 Feb 2014 15:22:16 -0700
Subject: [pfr3_group] No receive

Erg. OK folks, returning to the group for a little help. Way back when I finished group 2, I smoke tested it. I attached a long wire to the left side of R1 to see if I hear signal and, well, heard nothing. I thought nothing of it however, as I was in my buddy's basement surrounded by a wall of (running) servers.

I'm just about done with the entire kit (I have only that monster torroid left to wind), and today I got a break at work so I checked on 20m with my 817 and found a frequency with CW. When I tuned the PFR to that freq and touched the long wire to R1, I still got nothing.

Any recommendations on where to start troubleshooting this? In troubleshooting other issues, I've gone through the entire build process, twice, checking for installation of the wrong components, etc. Everything has checked out correct. Remembering recent conversations, I pulled each of the chips out and reseated them, but still no joy.

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Thanks in advance,

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4322. Re: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-15 01:07:29 UTC
From: John Overbaugh
Topic: 4315 Message: 4322

OK so when I touch a wire to the right side of L1 from the top of the board (side closest to C4) I hear dits and dahs loud as day. Touch the other side of L1? Nothing. Touch the wire to R1 on either side, nothing as well. Seems curious, but I haven't taken much time to look at the schematics (other than to see T1 and R1 are both on the opposite side from C79, which is interesting).

Given it's Valentine's day, my window to work has closed but I'm set and optimistic about wrapping this up tomorrow. If anyone has insights, I'm all ears (eyes?) and thanks, again, for all the help. Sheesh... I will be quite glad to have this behind me.

On Fri, Feb 14, 2014 at 5:49 PM, Dale Putnam <daleputnam@...> wrote:

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> Hi John,
> Your finger was the antenna.. and yes you were using the correct spot on
> R1.. if it was not the grounded end.
> The cold solder joint seems very very likely... or maybe the lead wasn't
> quite as clean....
> the wax is the best thing.. just think.. to reheat with hot glue or
> something else.. woulda made you run for fresh air..
> as it is.. with wax... it will just be slightly messy... I use Party Light
> candles.. so it smells good.
> Good Luck, you're on the right path,
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> Have a great day,
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> --... ...-- Dale - WC7S in Wy
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> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: john.overbaugh@...
> Date: Fri, 14 Feb 2014 17:28:22 -0700
>
> Subject: Re: [pfr3_group] No receive
>
>
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> Bingo - I had another unexpected shot of free time and so I wired

> everything back up. Still completely silent except when I touched L1 and/or
> T1 with my fingers. Plenty of dits and dahs. If you recall, I had that
> ridiculous idea of strengthening the mounting of my torroids with candle
> wax? Yah... so... it's going to be a bit of a mess, but I will clean
> everything up, desolder it all, check the wires, and resolder L1 and T1.
> Anecdotally from R1 to L1 both contacts go to 0 ohms. To T1 3 of 4 contacts
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> by just reheating that joint (it's the easy things, right).
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> ics (I figure you have before you started... by looking at the board)
> once in a great while, a component may fail, if static is rampant in your
> build area, then one of the ICs may have left the building.
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> Have a great day,
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> --... ...-- Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
> From: john.overbaugh@...
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> Erg. OK folks, returning to the group for a little help. Way back when I

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4323. RE: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-15 01:13:15 UTC
From: Dale Putnam
Topic: 4315 Message: 4323

Hi John, Take T1 out.. insure that it is being put in correctly, with tinned leads. With it rx on L1.. the rest of the circuit is close to being right.T1 and right in that area is where the issue is.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: john.overbaugh@...
Date: Fri, 14 Feb 2014 18:07:29 -0700
Subject: Re: [pfr3_group] No receive

OK so when I touch a wire to the right side of L1 from the top of the board (side closest to C4) I hear dits and dahs loud as day. Touch the other side of L1? Nothing. Touch the wire to R1 on either side, nothing as well. Seems curious, but I haven't taken much time to look at the schematics (other than to see T1 and R1 are both on the opposite side from C79, which is interesting).

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To: pfr3_group@yahoogroups.com
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Date: Fri, 14 Feb 2014 17:28:22 -0700
Subject: Re: [pfr3_group] No receive

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Thanks in advance,

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4324. RE: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-16 16:06:35 UTC
From: John Overbaugh
Topic: 4315 Message: 4324

Success! Removed L1 and T1, resoldered, and realized RX peak was at minimum. I'm happily hearing dits and dahs.

Kitted the box and had issues with the batt packs melting before the leads could tin. That was frustrating!

With my simple Elecraft T1 tuner's 1, 5, or 10 w meter, I'm seeing 5 watts output on 30 and 40, and something 1 < > 5 on 20. I have an ouiput meter here at home, so I'll get accurate readings soon.

Decals, clear coat, and getting familiar with the radio next!

Thank you, again, to the group for the help so far. I'd never have gotten to this point without it! No more building for a while, looking forward to operating now.
On Feb 14, 2014 6:13 PM, "Dale Putnam" <daleputnam@...> wrote:

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> Hi John,
> Take T1 out.. insure that it is being put in correctly, with tinned
> leads. With it rx on L1.. the rest of the circuit is close to being right.
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> Have a great day,
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> --... ...-- Dale - WC7S in Wy
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> To: pfr3_group@yahoogroups.com
> From: john.overbaugh@...
> Date: Fri, 14 Feb 2014 18:07:29 -0700
> Subject: Re: [pfr3_group] No receive
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> board (side closest to C4) I hear dits and dahs loud as day. Touch the
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> From: john.overbaugh@...
> Date: Fri, 14 Feb 2014 17:28:22 -0700
>
> Subject: Re: [pfr3_group] No receive
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> Bingo - I had another unexpected shot of free time and so I wired
> everything back up. Still completely silent except when I touched L1 and/or
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4325. RE: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-16 16:38:36 UTC
From: Dale Putnam
Topic: 4315 Message: 4325

Congratulations!! Now we can have a 3-2-3 Q... (PFR3 - 2 - PFR3 Q)...having fun is what it is all about now!!

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: john.overbaugh@gmail.com
Date: Sun, 16 Feb 2014 09:06:35 -0700
Subject: RE: [pfr3_group] No receive

Success! Removed L1 and T1, resoldered, and realized RX peak was at minimum. I'm happily hearing dits and dahs.
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Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: john.overbaugh@...

Date: Fri, 14 Feb 2014 18:07:29 -0700
Subject: Re: [pfr3_group] No receive

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Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: john.overbaugh@...

Date: Fri, 14 Feb 2014 17:28:22 -0700
Subject: Re: [pfr3_group] No receive

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Date: Fri, 14 Feb 2014 15:22:16 -0700
Subject: [pfr3_group] No receive

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4326. RE: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-16 17:35:57 UTC
From: John Overbaugh
Topic: 4315 Message: 4326

Hah--that was my first comment to my buddy Chuck last night--now I need to QSO with Dale WC7S in Wyoming.

We have a tassle of kids home for the "holiday" weekend. Depending on my schedule I am hoping to operate over lunch hour Wed. Probably too soon, I'm sure all I'll copy is call sign, rig, pwr, and wx but hey, its a start!

I work form home which is why I can occasionally operate lunchtime. Otherwise what's a good time of day for you?
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> Decals, clear coat, and getting familiar with the radio next!
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4327. RE: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-16 19:06:17 UTC
From: Dale Putnam
Topic: 4315 Message: 4327

I'll be listening...

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4328. Re: [pfr3_group] No receive

Yahoo group: pfr3_group
Date: 2014-02-17 03:50:02 UTC
From: Matthew Conover
Topic: 4315 Message: 4328

You could also watch for KF7PXT on summits on the air (SOTA) I am up on a summit most every weekend with a pfr3. Watch for me on sotawatch.com

73,

Matt
KF7PXT

Sent from my iPhone

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>> Erg. OK folks, returning to the group for a little help. Way back when I finished group 2, I smoke tested it. I attached a long wire to the left side of R1 to see if I hear signal and, well, heard nothing. I thought nothing of it however, as I was in my buddy's basement surrounded by a wall of (running) servers.
>>
>> I'm just about done with the entire kit (I have only that monster torroid left to wind), and today I got a break at work so I checked on 20m with my 817 and found a frequency with CW. When I tuned the PFR to that freq and touched the long wire to R1, I still got nothing.
>>
>> Any recommendations on where to start troubleshooting this? In troubleshooting other issues, I've gone through the entire build process, twice, checking for installation of the wrong components, etc. Everything has checked out correct. Remembering recent conversations, I pulled each of the chips out and reseated them, but still no joy.
>>
>> I'm getting a "guy's night out" tomorrow and will spend the evening wrapping up the build, but of course no receive is really not a good thing in "two-way" radio. I'd love to finish up tomorrow and have a fully-functional PFR3 on my hands but I'm a bit disturbed by this development.
>>
>> Thanks in advance,
>>
>> John O.
>>
>> --
>> John Overbaugh, CISSP CHP GWAPT GSLC GCIH
>> K7JTO
>> blog: sleepytridad.blogspot.com k7jto.blogspot.com
>> YouTube: KF7DVJ
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>> --
>> John Overbaugh, CISSP CHP GWAPT GSLC GCIH
>> K7JTO
>> blog: sleepytridad.blogspot.com k7jto.blogspot.com
>> YouTube: KF7DVJ
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>> John Overbaugh, CISSP CHP GWAPT GSLC GCIH
>> K7JTO
>> blog: sleepytridad.blogspot.com k7jto.blogspot.com
>> YouTube: KF7DVJ
>
>

4329. Touch Paddle PCB and Parts....

Yahoo group: pfr3_group
Date: 2014-02-21 03:16:30 UTC
From: <mtrager1@...>
Topic: 4329 Message: 4329

Just ordered 4 printed circuit boards and necessary parts to complete 4 Touch Paddle Kits. I will sell 3 of them once I have the one successfully installed and working properly.

Here are some pictures from the web of what it looks like:
http://n2zdb.com/PFR3a/tkp.jpg http://n2zdb.com/PFR3a/tkp.jpg
http://n2zdb.com/PFR3a/Image2.jpg http://n2zdb.com/PFR3a/Image2.jpg
http://n2zdb.com/PFR3a/Image3.jpg http://n2zdb.com/PFR3a/Image3.jpg
http://n2zdb.com/PFR3a/Image4.jpg http://n2zdb.com/PFR3a/Image4.jpg

Michael

4330. Re: [pfr3_group] Touch Paddle PCB and Parts....

Yahoo group: pfr3_group
Date: 2014-02-21 17:41:05 UTC
From: ckwishmeier@...
Topic: 4329 Message: 4330

Michael,

Who sells these kits? I'm used to surface mount construction. Thanks.

Keith
WA9S

-----Original Message-----
From: mtrager1 <mtrager1@windstream.net>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Feb 20, 2014 10:16 pm
Subject: [pfr3_group] Touch Paddle PCB and Parts....

Just ordered 4 printed circuit boards and necessary parts to complete 4
Touch Paddle Kits. I will sell 3 of them once I have the one
successfully installed and working properly.

Here are some pictures from the web of what it looks like:
http://n2zdb.com/PFR3a/tkp.jpg
http://n2zdb.com/PFR3a/Image2.jpg
http://n2zdb.com/PFR3a/Image3.jpg
http://n2zdb.com/PFR3a/Image4.jpg

Michael

4332. Re: [pfr3_group] Touch Paddle PCB and Parts....

Yahoo group: pfr3_group
Date: 2014-02-26 04:40:42 UTC
From: <mtrager1@...>
Topic: 4329 Message: 4332

Keith,
I was trying to find a supplier of the kit but could not. I am building the PFR3a for an amateur in Spain and he requested that I install it. Today I received the printed circuit boards and drilled some holes in the bottom panel.

Unfortunately the touch sensor IC had the wrong footprint so I had to re-order that.....
See links to some pictures from today....
http://n2zdb.com/PFR3a/Touch/Img_1254r.jpg http://n2zdb.com/PFR3a/Touch/Img_1254r.jpg
http://n2zdb.com/PFR3a/Touch/Img_1255r.jpg http://n2zdb.com/PFR3a/Touch/Img_1255r.jpg
http://n2zdb.com/PFR3a/Touch/Img_1258r.jpg http://n2zdb.com/PFR3a/Touch/Img_1258r.jpg
73's Michael
n2zdb

4333. Re: [pfr3_group] Touch Paddle PCB and Parts....

Yahoo group: pfr3_group
Date: 2014-02-26 16:05:42 UTC
From: ckwishmeier@...
Topic: 4329 Message: 4333

Thanks Michael.

Keith

-----Original Message-----
From: mtrager1 <mtrager1@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Feb 25, 2014 11:40 pm
Subject: Re: [pfr3_group] Touch Paddle PCB and Parts....

Keith,
I was trying to find a supplier of the kit but could not. I am
building the PFR3a for an amateur in Spain and he requested that I
install it. Today I received the printed circuit boards and drilled
some holes in the bottom panel.

Unfortunately the touch sensor IC had the wrong footprint so I had to
re-order that..... See links to some pictures from today....
http://n2zdb.com/PFR3a/Touch/Img_1254r.jpg
http://n2zdb.com/PFR3a/Touch/Img_1255r.jpg
http://n2zdb.com/PFR3a/Touch/Img_1258r.jpg
73's Michael
n2zdb

4334. RMRc net 14.0625 2300z today

Yahoo group: pfr3_group
Date: 2014-02-27 13:10:12 UTC
From: Dale Putnam
Topic: 4334 Message: 4334

Bring that PFR3 or any radio, over to the RMRc net today.. at 4:00pm MT or 2300z, on 14.0625. We have a "net" that operates at YOUR speed... just call in, with your call... and I will match your speed,we have a nice chat.. you listen to all the others check in... and we get to practice cw.. while meeting folks and swapping temps.. recipes, what we're doing in the ham shack, garden, garage... or whatever..No funny Q signals... just plain meetin up and talkin. We take about 5 - 10 minutes per checkin.. so you don't have time to get all flustered. Exchange name and qth.. and say bye.. if you want.It is sponsered by the NAQCC.. but this is the only activity that is allowed to be hi power if you want.Look for you... Have a great day,

--... ...--
Dale - WC7S in Wy

4335. Re: [pfr3_group] RMRc net 14.0625 2300z today

Yahoo group: pfr3_group
Date: 2014-02-27 23:24:27 UTC
From: Thomas Whatley
Topic: 4334 Message: 4335

Time 2316Z Dale you completely faided out on me . But I did copy most of your last xmition. I did have my HexBeam pointed to you, otherwise I would not have heard you. I called at first running 40 watts, then realized not enough so upped it to all I have, 100. It is almost dark here and temp about 66 deg..
Thanks for answering me.
T. Bone KI4FD

On Thu, Feb 27, 2014 at 8:10 AM, Dale Putnam <daleputnam@...> wrote:

>
>
> Bring that PFR3 or any radio, over to the RMRc net today.. at 4:00pm MT
> or 2300z, on 14.0625.
> We have a "net" that operates at YOUR speed... just call in, with your
> call... and I will match your speed,
> we have a nice chat.. you listen to all the others check in... and we get
> to practice cw.. while meeting
> folks and swapping temps.. recipes, what we're doing in the ham shack,
> garden, garage... or whatever..
> No funny Q signals... just plain meetin up and talkin. We take about 5 -
> 10 minutes per checkin.. so
> you don't have time to get all flustered. Exchange name and qth.. and say
> bye.. if you want.
> It is sponsered by the NAQCC.. but this is the only activity that is
> allowed to be hi power if you want.
> Look for you...
>
> Have a great day,
>
>
> --... ...-- Dale - WC7S in Wy
>
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There is nothing-- absolutely nothing--half so much worth doing as simply messing about in boats.

4336. RE: [pfr3_group] RMRc net 14.0625 2300z today

Yahoo group: pfr3_group
Date: 2014-02-27 23:59:51 UTC
From: Dale Putnam
Topic: 4334 Message: 4336

Hi TBone, right after you checked in... another fellow from that direction checked in and had QSB that took him out too.. almost gone but not quite... Bad qsb that direction.. very deep fade. Thanks for the info.. yes.. this time of day is a real ck on props... but a bit later after savings time.. it gets to be ok..Thanks for the chk in !!Hope to cu again.. I am working on getting my other power supply up so I can run up to 100w too.. maybe next week.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: tbone1417@...
Date: Thu, 27 Feb 2014 18:24:27 -0500
Subject: Re: [pfr3_group] RMRc net 14.0625 2300z today

Time 2316Z Dale you completely faided out on me . But I did copy most of your last xmition. I did have my HexBeam pointed to you, otherwise I would not have heard you. I called at first running 40 watts, then realized not enough so upped it to all I have, 100. It is almost dark here and temp about 66 deg..

Thanks for answering me.

T. Bone KI4FD

On Thu, Feb 27, 2014 at 8:10 AM, Dale Putnam <daleputnam@...> wrote:

Bring that PFR3 or any radio, over to the RMRc net today.. at 4:00pm MT or 2300z, on 14.0625. We have a "net" that operates at YOUR speed... just call in, with your call... and I will match your speed,
we have a nice chat.. you listen to all the others check in... and we get to practice cw.. while meeting folks and swapping temps.. recipes, what we're doing in the ham shack, garden, garage... or whatever..
No funny Q signals... just plain meetin up and talkin. We take about 5 - 10 minutes per checkin.. so you don't have time to get all flustered. Exchange name and qth.. and say bye.. if you want.
It is sponsered by the NAQCC.. but this is the only activity that is allowed to be hi power if you want.Look for you...
Have a great day,

--... ...--
Dale - WC7S in Wy

--

There is nothing-- absolutely nothing--half so much worth doing as simply messing about in boats.

4337. Re: [pfr3_group] RMRc net 14.0625 2300z today

Yahoo group: pfr3_group
Date: 2014-02-28 00:20:37 UTC
From: John Overbaugh
Topic: 4334 Message: 4337

Couldn't break away today (signing contracts), but the net is on my
personal apcalebdar and I hope to participate frequently!

On Thursday, February 27, 2014, Dale Putnam <daleputnam@...> wrote:

>
>
> Hi TBone,
> right after you checked in... another fellow from that direction checked
> in and had QSB that took him out too.. almost gone but not quite...
> Bad qsb that direction.. very deep fade.
> Thanks for the info.. yes.. this time of day is a real ck on props... but
> a bit later after savings time.. it gets to be ok..
> Thanks for the chk in !!
> Hope to cu again..
> I am working on getting my other power supply up so I can run up to 100w
> too.. maybe next week.
>
>
> Have a great day,
>
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
> ------------------------------
> To:
pfr3_group@yahoogroups.com<javascript:_e(%7B%7D,'cvml','pfr3_group@yahoogroups.com');>
> From: tbone1417@...<javascript:_e(%7B%7D,'cvml','tbone1417@...');>
> Date: Thu, 27 Feb 2014 18:24:27 -0500
> Subject: Re: [pfr3_group] RMRc net 14.0625 2300z today
>
>
>
> Time 2316Z Dale you completely faided out on me . But I did copy most of
> your last xmition. I did have my HexBeam pointed to you, otherwise I would
> not have heard you. I called at first running 40 watts, then realized not
> enough so upped it to all I have, 100. It is almost dark here and temp
> about 66 deg..
> Thanks for answering me.
> T. Bone KI4FD
>
>

> On Thu, Feb 27, 2014 at 8:10 AM, Dale Putnam
<daleputnam@...<javascript:_e(%7B%7D,'cvml','daleputnam@...');>
> > wrote:
>
>
>
> Bring that PFR3 or any radio, over to the RMRc net today.. at 4:00pm MT
> or 2300z, on 14.0625.
> We have a "net" that operates at YOUR speed... just call in, with your
> call... and I will match your speed,
> we have a nice chat.. you listen to all the others check in... and we get
> to practice cw.. while meeting
> folks and swapping temps.. recipes, what we're doing in the ham shack,
> garden, garage... or whatever..
> No funny Q signals... just plain meetin up and talkin. We take about 5 -
> 10 minutes per checkin.. so
> you don't have time to get all flustered. Exchange name and qth.. and say
> bye.. if you want.
> It is sponsered by the NAQCC.. but this is the only activity that is
> allowed to be hi power if you want.
> Look for you...
>
> Have a great day,
>
>
> --... ...-- Dale - WC7S in Wy
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> There is nothing-- absolutely nothing--half so much worth doing as simply
> messing about in boats.
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John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4338. Re: [pfr3_group] RMRc net 14.0625 2300z today

Yahoo group: pfr3_group
Date: 2014-02-28 00:35:15 UTC
From: ckwishmeier@...
Topic: 4334 Message: 4338

Dale,

Hopefully you try this again. I was not able to get on this time.

Keith
WA9S

-----Original Message-----
From: Dale Putnam <daleputnam@hotmail.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Feb 27, 2014 6:59 pm
Subject: RE: [pfr3_group] RMRc net 14.0625 2300z today

Hi TBone,
  right after you checked in... another fellow from that direction
checked in and had QSB that took him out too.. almost gone but not
quite...
Bad qsb that direction.. very deep fade.
Thanks for the info.. yes.. this time of day is a real ck on props...
but a bit later after savings time.. it gets to be ok..
Thanks for the chk in !!
Hope to cu again..
I am working on getting my other power supply up so I can run up to
100w too.. maybe next week.

Have a great day,

--... ...--Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: tbone1417@...
Date: Thu, 27 Feb 2014 18:24:27 -0500
Subject: Re: [pfr3_group] RMRc net 14.0625 2300z today

Time 2316Z Dale you completely faided out on me . But I did copy most
of your last xmition. I did have my HexBeam pointed to you, otherwise I
would not have heard you. I called at first running 40 watts, then
realized not enough so upped it to all I have, 100. It is almost dark
here and temp about 66 deg..

Thanks for answering me.

T. Bone   KI4FD

On Thu, Feb 27, 2014 at 8:10 AM, Dale Putnam <daleputnam@...>
wrote:

Bring that PFR3 or any radio, over to the RMRc net today.. at 4:00pm MT or 2300z, on 14.0625.
We have a "net" that operates at YOUR speed... just call in, with your call... and I will match your speed,
we have a nice chat.. you listen to all the others check in... and we get to practice cw.. while meeting
folks and swapping temps.. recipes, what we're doing in the ham shack, garden, garage... or whatever..
No funny Q signals... just plain meetin up and talkin. We take about 5 - 10 minutes per checkin.. so
you don't have time to get all flustered. Exchange name and qth.. and say bye.. if you want.
It is sponsered by the NAQCC.. but this is the only activity that is allowed to be hi power if you want.
Look for you...

Have a great day,

--... ...--Dale - WC7S in Wy

--

There is nothing-- absolutely nothing--half so much worth doing as simply messing about in boats.

4339. PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-02-28 14:25:16 UTC
From: <nedn@...>
Topic: 4339 Message: 4339

I have a PFR-3A for sale, no paddle. It is in excellent shape both physically and operationally. Dale built this one and I got it from Doc. Asking $250.00 shipped priority mail. Postal money order please. Thanks, Ned/W8VFM nedn@cass.net

4340. RE: [pfr3_group] PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-02-28 14:50:40 UTC
From: Dale Putnam
Topic: 4339 Message: 4340

This one, will carry the warranty along to the new owner.. IF the new owner gets in touch with me after the sale...

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: nedn@cass.net
Date: Fri, 28 Feb 2014 06:25:16 -0800
Subject: [pfr3_group] PRF-3A For Sale

I have a PFR-3A for sale, no paddle. It is in excellent shape both physically and operationally. Dale built this one and I got it from Doc. Asking $250.00 shipped priority mail. Postal money order please. Thanks, Ned/W8VFM nedn@...

4341. RMRc YOUR speed cw practice net today, 2300-14.0625

Yahoo group: pfr3_group
Date: 2014-03-04 20:32:58 UTC
From: Dale Putnam
Topic: 4341 Message: 4341

Have a great day,

--... ...--
Dale - WC7S in Wy

4342. Re: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

Yahoo group: pfr3_group
Date: 2014-03-04 23:24:11 UTC
From: Roberto Salazar
Topic: 4341 Message: 4342

At present on the spot but can not hear you guys.

72 de

R. Salazar
HK3/YS1RS

Sent from my iPad.

> On 04/03/2014, at 15:32, Dale Putnam <daleputnam@...> wrote:
>
>
>
> Have a great day,
>
>
> --... ...-- Dale - WC7S in Wy
>
>
>

4343. RE: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

Yahoo group: pfr3_group
Date: 2014-03-04 23:46:56 UTC
From: Dale Putnam
Topic: 4341 Message: 4343

Well, I used the QRO radio.. too.. Maybe Thursday?Hope so.

Have a great day,

--... ...--
Dale - WC7S in Wy

CC: pfr3_group@...m
To: daleputnam@...
From: ys1rs@...
Date: Tue, 4 Mar 2014 18:24:11 -0500
Subject: Re: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

At present on the spot but can not hear you guys.
72 de
R. SalazarHK3/YS1RS

Sent from my iPad.
On 04/03/2014, at 15:32, Dale Putnam <daleputnam@...> wrote:

Have a great day,

--... ...--
Dale - WC7S in Wy

4344. PFR3a built and working with Touch Paddle

Yahoo group: pfr3_group
Date: 2014-03-05 00:13:05 UTC
From: <mtrager1@...>
Topic: 4344 Message: 4344

Hello Group,
Building a bunch of kits for an amateur in Spain including a Touch Paddle PFR3a which is working great.
Here are some links to pictures.....
http://www.n2zdb.com/n2zdb/IMG_1266.JPG http://www.n2zdb.com/n2zdb/IMG_1266.JPG
http://www.n2zdb.com/n2zdb/IMG_1269.JPG http://www.n2zdb.com/n2zdb/IMG_1269.JPG
http://www.n2zdb.com/n2zdb/Img_1258r.jpg http://www.n2zdb.com/n2zdb/Img_1258r.jpg
http://www.n2zdb.com/n2zdb/IMG_1281.JPG http://www.n2zdb.com/n2zdb/IMG_1281.JPG
http://www.n2zdb.com/n2zdb/IMG_1278.JPG http://www.n2zdb.com/n2zdb/IMG_1278.JPG
Very busy the last month: http://www.n2zdb.com/n2zdb/IMG_1299.JPG
http://www.n2zdb.com/n2zdb/IMG_1299.JPG
Quick video of Touch Paddle working: http://n2zdb.com/PFR3a/Touch/MVI_1334.MOV
http://n2zdb.com/PFR3a/Touch/MVI_1334.MOV (give it time to load)
73's Michael

4345. Re: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

Yahoo group: pfr3_group
Date: 2014-03-05 05:08:58 UTC
From: beargyrils@...
Topic: 4341 Message: 4345

Hi Dale,took my blood pressure and it was super high so I called 911. I has 3 clots in the right lung there down low but 1 big one in the right lung ane their going to try sucking it out. Bob AF2Q
Wilderness Elite Search & Rescue

-----Original Message-----
From: Dale Putnam <daleputnam@hotmail.com>
Sender: pfr3_group@yahoogroups.com
Date: Tue, 4 Mar 2014 16:46:56
To: pfr3_group@yahoogroups.com<pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

Well, I used the QRO radio.. too.. Maybe Thursday?Hope so.

Have a great day,

--... ...--
Dale - WC7S in Wy

CC: pfr3_group@yahoogroups.com
To: daleputnam@hotmail.com
From: ys1rs@yahoo.com
Date: Tue, 4 Mar 2014 18:24:11 -0500
Subject: Re: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

At present on the spot but can not hear you guys.
72 de
R. SalazarHK3/YS1RS

Sent from my iPad.
On 04/03/2014, at 15:32, Dale Putnam <daleputnam@hotmail.com> wrote:

Have a great day,

--... ...--
Dale - WC7S in Wy

4346. RE: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

Yahoo group: pfr3_group
Date: 2014-03-05 15:19:40 UTC
From: Dale Putnam
Topic: 4341 Message: 4346

OH.. well.. it is good they found it... and you can get it treated... Now.. try real hard to get better.. soon!!

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: beargyrils@aol.com
Date: Wed, 5 Mar 2014 05:08:58 +0000
Subject: Re: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

Hi Dale,took my blood pressure and it was super high so I called 911. I has 3 clots in the right lung there down low but 1 big one in the right lung ane their going to try sucking it out. Bob AF2Q
Wilderness Elite Search RescueFrom: Dale Putnam <daleputnam@...>
Sender: pfr3_group@yahoogroups.com
Date: Tue, 4 Mar 2014 16:46:56 -0700To: pfr3_group@yahoogroups.com<pfr3_group@yahoogroups.com>ReplyTo: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

Well, I used the QRO radio.. too.. Maybe Thursday?Hope so.

Have a great day,

--... ...--
Dale - WC7S in Wy

CC: pfr3_group@yahoogroups.com
To: daleputnam@...
From: ys1rs@yahoo.com
Date: Tue, 4 Mar 2014 18:24:11 -0500
Subject: Re: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

At present on the spot but can not hear you guys.
72 de
R. SalazarHK3/YS1RS

Sent from my iPad.
On 04/03/2014, at 15:32, Dale Putnam <daleputnam@...> wrote:

Have a great day,

--... ...--
Dale - WC7S in Wy

4347. RMRc YOUR speed cw practice net today, 2300-14.0625

Yahoo group: pfr3_group
Date: 2014-03-06 20:17:57 UTC
From: Dale Putnam
Topic: 4341 Message: 4347

[Body unavailable in the source archive]

4348. Re: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

Yahoo group: pfr3_group
Date: 2014-03-06 22:35:08 UTC
From: John Overbaugh
Topic: 4341 Message: 4348

As mentioned, I experienced a catastrophe failure (yes, user-end) on my Buddistick. New whip is in the mail, so I'm thinking good thoughts about next week.

I swear I *WILL* log my first contact in March, come what may!

72 de K7JTO

On Thu, Mar 6, 2014 at 1:17 PM, Dale Putnam <daleputnam@...> wrote:

>
>
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>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4349. RE: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

Yahoo group: pfr3_group
Date: 2014-03-06 23:33:05 UTC
From: Dale Putnam
Topic: 4341 Message: 4349

Yep. sure you will.. and I hope I am it too!! Good Luck!

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: john.overbaugh@...
Date: Thu, 6 Mar 2014 15:35:08 -0700
Subject: Re: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

As mentioned, I experienced a catastrophe failure (yes, user-end) on my Buddistick. New whip is in the mail, so I'm thinking good thoughts about next week.

I swear I *WILL* log my first contact in March, come what may!

72 de K7JTO

On Thu, Mar 6, 2014 at 1:17 PM, Dale Putnam <daleputnam@...> wrote:

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ

4350. Re: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

Yahoo group: pfr3_group
Date: 2014-03-07 00:54:45 UTC
From: ckwishmeier@...
Topic: 4341 Message: 4350

My Buddipole and PFR-3A are a WONDERFUL combination. As a character from the Bond movies says "I am invincible!"

HOWEVER, just don't knock it over. I've done it, too!

Keith
WA9S

-----Original Message-----
From: John Overbaugh <john.overbaugh@...>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Mar 6, 2014 5:35 pm
Subject: Re: [pfr3_group] RMRc YOUR speed cw practice net today, 2300-14.0625

As mentioned, I experienced a catastrophe failure (yes, user-end) on my Buddistick. New whip is in the mail, so I'm thinking good thoughts about next week.

I swear I *WILL* log my first contact in March, come what may!

72 de K7JTO

On Thu, Mar 6, 2014 at 1:17 PM, Dale Putnam <daleputnam@...> wrote:

--

John Overbaugh, CISSP CHP GWAPT GSLC GCIH

K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ

4351. RMRc today @ 2200z on 14.0625

Yahoo group: pfr3_group
Date: 2014-03-11 16:18:13 UTC
From: Dale Putnam
Topic: 4351 Message: 4351

Welcome to Spring... it's snowing with 28F... Where's that groundhog, anyway?

Have a great day,

--... ...--
Dale - WC7S in Wy

4352. Format of PFR3 website

Yahoo group: pfr3_group
Date: 2014-03-14 00:45:19 UTC
From: <k6mgo@...>
Topic: 4352 Message: 4352

I don't know if the website has been changed or something has happened to my browser, but I don't like the new site as well as the old. Sorry if I offend anyone, but just my opinion.

72, Bill, k6mgo

4353. Re: [pfr3_group] Format of PFR3 website

Yahoo group: pfr3_group
Date: 2014-03-14 01:33:43 UTC
From: Steven Weber
Topic: 4352 Message: 4353

I guess you've been gone for a while. Yahoo made this change a few months ago and many don't like it. It does take some getting used to and in some ways is better and worse in others. It seems they made the changes to make delivering advertising easier for them and more intrusive for us. Oh well, you get what you pay for and someone has to pay for what we get.

72, Steve KD1JV

I don't know if the website has been changed or something has happened to my browser, but I don't like the new site as well as the old. Sorry if I offend anyone, but just my opinion.

72, Bill, k6mgo

4354. Re: [pfr3_group] Format of PFR3 website

Yahoo group: pfr3_group
Date: 2014-03-14 01:48:17 UTC
From: Doug Jackson
Topic: 4352 Message: 4354

Hi,

Without being disrespectful of any body elses' work, If it is helpful, I own server space that can be used by the group for a website - it is US hosted.

The space exists for my clock making business (www.dougswordclocks.com) - It is not going away any time soon (been here for 5 years so far) and I provide similar support to a number of other community groups.

Doug

On 14/03/2014 12:33 PM, Steven Weber wrote:
>
> □
>
> I guess you've been gone for a while. Yahoo made this change a few
> months ago and many don't like it. It does take some getting used to
> and in some ways is better and worse in others. It seems they made the
> changes to make delivering advertising easier for them and more
> intrusive for us. Oh well, you get what you pay for and someone has to
> pay for what we get.
> 72, Steve KD1JV
>
> I don't know if the website has been changed or something has happened
> to my browser, but I don't like the new site as well as the old. Sorry
> if I offend anyone, but just my opinion.
>
> 72, Bill, k6mgo
>

4355. Re: [pfr3_group] Format of PFR3 website

Yahoo group: pfr3_group
Date: 2014-03-24 17:45:11 UTC
From: <k6mgo@...>
Topic: 4352 Message: 4355

Tnx for the reply Steve, I guess I'll get used to it someday. HI.
Anyway, took out the PFR3 and hooked it up to my old MP-1 whip antenna here in the house and with one radial on the floor worked first WA7NCL in WA 967 miles away and then W7VVW 921 miles away also in WA, both on 20m, yesterday afternnon, for a nice chat he gave me 569, of course he was using a beam at 60' and that helps. I love this radio!

72, Bill, k6mgo

4356. Re: RMRc today @ 2200z on 14.0625

Yahoo group: pfr3_group
Date: 2014-03-25 19:57:05 UTC
From: <k6mgo@...>
Topic: 4351 Message: 4356

What is snow? Oh yeah, that's those white spots on the TV screen when you have a weak signal, right?
Us folks in southern Cal are spoiled you know.
Try and stay warm, spring will come to WY eventually. CU on the NET.

72, Bill, k6mgo.

4357. RE: [pfr3_group] Re: RMRc today @ 2200z on 14.0625

Yahoo group: pfr3_group
Date: 2014-03-25 20:53:57 UTC
From: Dale Putnam
Topic: 4351 Message: 4357

How about mud... that comes after snow... like it is here now...all mud.. most of the snow melted.. that is good thing.. and the moisture is sure good too.Makes the spring.. whenever it does arrive, green..C U on the net..

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: k6mgo@...
Date: Tue, 25 Mar 2014 12:57:05 -0700
Subject: [pfr3_group] Re: RMRc today @ 2200z on 14.0625

What is snow? Oh yeah, that's those white spots on the TV screen when you have a weak signal, right?
Us folks in southern Cal are spoiled you know.
Try and stay warm, spring will come to WY eventually. CU on the NET.

72, Bill, k6mgo.

4358. FOX: FOXHUNT TONIGHT

Yahoo group: pfr3_group
Date: 2014-03-27 22:37:05 UTC
From: Dale Putnam
Topic: 4358 Message: 4358

There's going to be a Fox hunt tonight.. on 3.560 plus of minus 10khz (or kc for the older crowd)starting at 7pm Mt.. or 0100z (for the younger crowd).... there will be two Fox about.. K9XE and TheWily Western Fox... - WC7S in Wy.. The Fox are usually split so one is in the higher half.. and one is in the lower half...AND.. the fox usually calls: FOX WC7S up..... meaning you call him up about 1 - 2 kc higher...and if you listen to that freq.. for the space of one call.. or even one letter you can tell if someone else ison your freq.. if there is someone there.. MOVE a little bit.. not a lot.. just a bit.. and the FOX.. will find you..Call with your callsign, just ONE time... listen.. if the FOX isn't calling you.. move a tiny bit to a clear spot..call him again.. one time... listen.. if he isn't callin you.. or anyone.. move again.. call again.. listen..
This will make it so much faster for everyone.. the key to the whole thing.. is first finding the fox.. second finding a calling spotthird getting heard by the FOX....
And later.. the FOX will be listening on his own freq too.. so you can work him simplex.. that makes it easier..
So.. set up and get ready.. we're going to have a FOX HUNT!!!

Have a great day,

--... ...--
Dale - WC7S in Wy

4359. FROM BOB AF2Q

Yahoo group: pfr3_group
Date: 2014-04-04 18:01:14 UTC
From: beargyrils@...
Topic: 4359 Message: 4359

PFR members,
Just want to let you know Bill G4KKI is now an SK about 4 hours ago.
Both of us waited to make that CW 2 way.
The pfr3 I sent him arrived on the same day he was told he had cancer but i'm happy he had some guy string up a wire and he did work some stations.
He sent me a picture when things looked good then things turned against him.
He was hot on CW and loved QRP.
I will miss him like a Brother.
BOB AF2Q RIP Bill

4360. FOX: FOXTRAVAGANZA coming...

Yahoo group: pfr3_group
Date: 2014-04-08 19:32:48 UTC
From: Dale Putnam
Topic: 4360 Message: 4360

The Foxtravaganza is being discussed... behind closed bushes... and maybe a tree... or two...The Game Warden and a few other voices are being heard too.... They are all talking about a FoxTravaganza.. that will be happening... are you ready for this????????
NEXT WEEK!! oh yeah!!
Next Week.. whew.. and I can hold off for another week or so.. no problem... after that the Withdrawls will attack.. I know...
Next week.. mark a calander... or maybe a calender.. for either Tues or Thurs... that is the discussion.. one or the other...
Some other notes of interest... all the FOX folks.. altenates too.. will be in either the 40 or the 80 acre woods..and they can be fleet of foot.. and dash willy nilly between the two.. HOWEVER.. there is one thing that will be common among them.. and that is that they will all be using the same name in the exchange. And using the same name will be in honor of AL... who is hunting fox now in the Great Foxhunt,having gone SK this season. Stay tuned for more information, as my ear to the ground.. gets used some more... use. And I relay it on,

Have a great day,

Have a great day,

--... ...--
Dale - WC7S in Wy

4361. FOX: FOXTRAVAGANZA!!

Yahoo group: pfr3_group
Date: 2014-04-09 22:51:04 UTC
From: Dale Putnam
Topic: 4361 Message: 4361

On the 17th of this month.. evening in this part of the woods... at 0200z or 7pm MT... The Game Warden will open the gates to BOTH the 40 and 80 acre woods.... to ALLHOUNDS and FOXES... The call will be CQ FOX {FOXCALL} k and all the FOXes.. Will use that or something close.. and their exchange will be...
(houndcall) RST STATE AL PWR ALL of the Foxes, alternates, and committeefolk will use the name "AL" in honor of (SK) K0FRP a long time Foxer. He is missed. I wonder how many ALs will be worked? The FOXes are encouraged to post their number of ALs and pelts... as are the Hounds... to post their totals too. Because there is a potential for being a bit crowded... the Warden, altho concern was expressed for the condition of the Woods being left as found.. agreed to allow.. just this onceallow us to use a few more trees to hide in.. so for this time only... we will be using
7025 to 7055 AND 3545 to 3575 so there will be a few more trees for us to slink behind.... (beats the dickens outta tryin to hide in sagebrush)
We will have it all "AL" on the 17th!! FOXes will be "AL" and Hounds will be their own name.Check the webpage for additional information. www.qrpfoxhunt.org
Come honor Al with us.. catch a few for yourself.
Have a great day,

--... ...-- Dale - WC7S in Wy
The Wily Western Fox.... that one, under the hat......

4362. Re: [pfr3_group] FOX: FOXTRAVAGANZA!!

Yahoo group: pfr3_group
Date: 2014-04-10 12:15:30 UTC
From: bill MacKay
Topic: 4361 Message: 4362

I encourage all to look for N8FOX in Michigan. Using my QRP stuff and my sliding screen door frame for antenna on 40cw. Bill

---

From: Dale Putnam <daleputnam@...>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Wednesday, April 9, 2014 6:51 PM
Subject: [pfr3_group] FOX: FOXTRAVAGANZA!!

On the 17th of this month.. evening in this part of the woods... at 0200z or 7pm MT...
The Game Warden will open the gates to BOTH the 40 and 80 acre woods.... to ALL HOUNDS and FOXES... The call will be CQ FOX {FOXCALL} k and all the FOXes..
Will use that or something close.. and their exchange will be...

(houndcall) RST STATE AL PWR ALL of the Foxes, alternates, and committeefolk will use the name "AL" in honor of (SK) K0FRP a long time Foxer. He is missed.
I wonder how many ALs will be worked? The FOXes are encouraged to post their number of ALs and pelts... as are the Hounds... to post their totals too.
Because there is a potential for being a bit crowded... the Warden, altho concern was expressed for the condition of the Woods being left as found.. agreed to allow.. just this once
allow us to use a few more trees to hide in.. so for this time only... we will be using

7025 to 7055 AND 3545 to 3575 so there will be a few more trees for us to slink behind....
(beats the dickens outta tryin to hide in sagebrush)

We will have it all "AL" on the 17th!! FOXes will be "AL" and Hounds will be their own name.
Check the webpage for additional information. www.qrpfoxhunt.org

Come honor Al with us.. catch a few for yourself.
Have a great day, --... ...-- Dale - WC7S in Wy
 The Wily Western Fox.... that one, under the hat......

4363. Any way to make sure the PFR3 is in stock prior to ordering?

Yahoo group: pfr3_group
Date: 2014-04-11 17:52:33 UTC
From: <kb8log@...>
Topic: 4363 Message: 4363

Hello all. I am very interested in purchasing a PFR3 kit through the qrpkits website. However, I wanted to make sure that the kit is available / in stock before doing so. What's the best way to do that? I am a bit concerned because I did send a message to the email address on the order page a few days ago, but have yet to receive a reply.

Thanks!

4364. re: [pfr3_group] Any way to make sure the PFR3 is in stock prior to ordering?

Yahoo group: pfr3_group
Date: 2014-04-11 18:42:07 UTC
From: Dean Davis
Topic: 4363 Message: 4364

Call Doug using the phone number on the website.

Dean Davis, N7XG

Secondary QSL Manager, TEAM member FT5ZM - Amsterdam 2014!

http://www.amsterdamdx.org/donation/

www.amsterdamdx.org

From: kb8log@...
Sent: Friday, April 11, 2014 10:58 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Any way to make sure the PFR3 is in stock prior to ordering?

Hello all. I am very interested in purchasing a PFR3 kit through the qrpkits website. However, I wanted to make sure that the kit is available / in stock before doing so. What's the best way to do that? I am a bit concerned because I did send a message to the email address on the order page a few days ago, but have yet to receive a reply.

Thanks!

4365. Re: [pfr3_group] Any way to make sure the PFR3 is in stock prior to ordering?

Yahoo group: pfr3_group
Date: 2014-04-11 19:55:04 UTC
From: Matthew Conover
Topic: 4363 Message: 4365

Dean,

I know that there normally is a little bit of time for these to be sent. Most things that I have ordered from them take 2-3 weeks.

Matt

Sent from my iPhone

> On Apr 11, 2014, at 11:42, "Dean Davis" <dean@alpinesoft.com> wrote:
>
> Call Doug using the phone number on the website.
>
>
> Dean Davis, N7XG
>
> Secondary QSL Manager, TEAM member FT5ZM - Amsterdam 2014!
>
> http://www.amsterdamdx.org/donation/
>
>
>
> www.amsterdamdx.org
>
>
> From: kb8log@...
> Sent: Friday, April 11, 2014 10:58 AM
> To: pfr3_group@yahoogroups.com
> Subject: [pfr3_group] Any way to make sure the PFR3 is in stock prior to ordering?
>
> Hello all. I am very interested in purchasing a PFR3 kit through the qrpkits website. However, I wanted to make sure that the kit is available / in stock before doing so. What's the best way to do that? I am a bit concerned because I did send a message to the email address on the order page a few days ago, but have yet to receive a reply.
>
> Thanks!
>
>

4366. Recieve WWV

Yahoo group: pfr3_group
Date: 2014-04-12 21:55:11 UTC
From: <k6mgo@...>
Topic: 4366 Message: 4366

The other day I tried to tune in WWV on my PFR3A and while the digital display showed "000" on the 30m band, I didn't hear WWV or anything, even though I know the frequency of the PFR3A is very close as compared to my K3 and that has been calibrated to WWV.

My question is, is anyone able to tune in WWV on the PFR3A or is it blocked ?

Tnx and 72,

Bill, k6mgo

4367. Re: Recieve WWV

Yahoo group: pfr3_group
Date: 2014-04-13 02:17:24 UTC
From: <wb8yyy@...>
Topic: 4366 Message: 4367

Actually blocking it from being received would be a hard trick. The narrow fixed xtal filter will make it harder to copy the audio. Try tuning on both sides of 10 mhz. On one side the audio will be upside down like tuning 20m with lsb. But the other side would have the bfo correct to copy something with distortion due to the narrow filter. I havent tried receiving ssb or am with this rig.

73 curt

4368. FOX: Foxtravaganza info

Yahoo group: pfr3_group
Date: 2014-04-16 03:29:50 UTC
From: Dale Putnam
Topic: 4368 Message: 4368

As the final event of the 2013-2014 Winter Fox Hunts, the K0FRP Foxtravaganza! will be held Thursday evening, from 0100Z- 0230Z (Friday, UCT). All Foxes, Alternates, and Committee members will operate on 40M or 80M (or both) and all Foxes will report their names as "AL."All Hounds are encouraged to see how many "ALs" they can work. Activity will center on the QRP frequencies (3.560 and 7.040) but will not be restricted to the usual 20KHz, so listen high and low!
See the rest of the Warden's Announcement at qrpfoxhunt.organd let's have a lot of fun honoring AL!!

Have a great day,

--... ...--
Dale - WC7S in Wy

4369. Frequently Made Mistakes?

Yahoo group: pfr3_group
Date: 2014-05-11 20:35:48 UTC
From: kleinfelter.groups@...
Topic: 4369 Message: 4369

I just received my PFR-3a kit. I've downloaded the assembly instructions from QRPkits, and I'll update them with the errata from http://www.qrpkits.com/pfr3.html http://www.qrpkits.com/pfr3.html .

I'm adequately skilled with a soldering iron, and I built a working SoftRock.

What advice would you give to a new PFR-3a builder? What are some of the frequently made mistakes when building one?

TNX ES 73 DE K4KPK / Kevin

4370. Re: [pfr3_group] Frequently Made Mistakes?

Yahoo group: pfr3_group
Date: 2014-05-11 21:23:00 UTC
From: Jackie Russell
Topic: 4369 Message: 4370

Building is pretty straight forward. Be sure you remove the varnish from the magnet wire when soldering in the toroidal. Check for continuity. Check the bottom of the board to see that all solder joints are complete.

Sent from my iPhone

> On May 11, 2014, at 4:35 PM, "kleinfelter.groups@gmail.com [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:
>
> I just received my PFR-3a kit. I've downloaded the assembly instructions from QRPkits, and I'll update them with the errata from http://www.qrpkits.com/pfr3.html .
>
>
>
> I'm adequately skilled with a soldering iron, and I built a working SoftRock.
>
>
>
> What advice would you give to a new PFR-3a builder? What are some of the frequently made mistakes when building one?
>
>
>
> TNX ES 73 DE K4KPK / Kevin
>
>
>
>

4371. Re: Frequently Made Mistakes?

Yahoo group: pfr3_group
Date: 2014-05-12 02:39:20 UTC
From: wb8yyy@...
Topic: 4369 Message: 4371

Kevin

I suggest watching orientation of ICs as anything with 4 or more leads is a pain to unsolder. Some of the transformer windings may require careful attention. of course be careful in identifying any part.

The ATU takes some training but works fine. Enjoy the journey.

Curt

4372. RE: [pfr3_group] Frequently Made Mistakes?

Yahoo group: pfr3_group
Date: 2014-05-12 12:43:45 UTC
From: Dale Putnam
Topic: 4369 Message: 4372

Hi Kevin, Do a complete inventory of the parts... this is a two fold reward, first you get acquainted with the parts, and second.. IF there were to be one missing, it is easier to correct now.Read the manual, twice. and third time on the winding of the toroids. The one that causes the most trouble is the BLT toroid, winding it seems to be a challange for some. The T1 winding is also a point of interest. ALWAYS pretin the toroid leads close to the core, because you will want to snug the toroid up to the board, and pretinning that lead too far away will not help, and leave the leads long until you are for sure and certain that you have the primary and secondary into the proper holes. Always watch the quality of the solder connections.. that causes a number of problems too. This is one of the times when less is great. Balls of solder are a bad thing.
Good Luck, Kevin, It is a great, fun build, and a joy to use.
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Sun, 11 May 2014 13:35:48 -0700
Subject: [pfr3_group] Frequently Made Mistakes?

I just received my PFR-3a kit. I've downloaded the assembly instructions from QRPkits, and I'll update them with the errata from http://www.qrpkits.com/pfr3.html .

I'm adequately skilled with a soldering iron, and I built a working SoftRock.

What advice would you give to a new PFR-3a builder? What are some of the frequently made mistakes when building one?

TNX ES 73 DE K4KPK / Kevin

4373. Well THAT Didn't Take Long...

Yahoo group: pfr3_group
Date: 2014-05-14 01:30:04 UTC
From: Kevin Kleinfelter
Topic: 4373 Message: 4373

... for me to mess up.

I've wired as far as the Group 1 smoke test. I've got no lights on the LED.

In addition to basic inspection of solder joints and checking that I've not left out any components, I measured some voltages. I'm powering from a 9V battery. I see:
* 9.5 at the battery terminals
* 9.5 volts at D5.
* 8.6 volts on pin 3 of U5, which is marked "+5". That worries me.
* 8.6 volts on pins 1, 7, 20 of U7.
* 8.2 volts on 1-8, 11, 13, 14, 15, 16 of the LED
* 0 volts on pin 9 of the LED

It seems to me like maybe there should be different voltages on some of the pins of the LED.

Suggestions for where to look next? Any way to tell if the ATMEGA is active without the LED?
TNX
DE K4KPK / Kevin

4374. Re: Well THAT Didn't Take Long...

Yahoo group: pfr3_group
Date: 2014-05-14 12:02:33 UTC
From: Kevin Kleinfelter
Topic: 4373 Message: 4374

Found it. The two pads marked "ext bat", with "+" near one (implying "-" for the other) turned out to be one pad marked "ext" and another marked "bat", with negative going to the ground pads nearby.
Kevin / K4KPK

On Tue, May 13, 2014 at 9:30 PM, Kevin Kleinfelter <
kleinfelter.groups@...> wrote:

> ... for me to mess up.
>
> I've wired as far as the Group 1 smoke test. I've got no lights on the
> LED.
>
> In addition to basic inspection of solder joints and checking that I've
> not left out any components, I measured some voltages. I'm powering from a
> 9V battery. I see:
> * 9.5 at the battery terminals
> * 9.5 volts at D5.
> * 8.6 volts on pin 3 of U5, which is marked "+5". That worries me.
> * 8.6 volts on pins 1, 7, 20 of U7.
> * 8.2 volts on 1-8, 11, 13, 14, 15, 16 of the LED
> * 0 volts on pin 9 of the LED
>
> It seems to me like maybe there should be different voltages on some of
> the pins of the LED.
>
> Suggestions for where to look next? Any way to tell if the ATMEGA is
> active without the LED?
> TNX
> DE K4KPK / Kevin
>

4375. Re: [pfr3_group] Re: Well THAT Didn't Take Long...

Yahoo group: pfr3_group
Date: 2014-05-14 12:54:48 UTC
From: John Overbaugh
Topic: 4373 Message: 4375

Sorry for not answering quicker, I've been swamped for at least the past two months! There are little things like that with this kit that turn out to bite you. Most of the kit is very straightforward, but you have to pay very close attention all the time or that one little thing will get you!

Good job with the troubleshooting! I put together a couple blog posts on my build experience, so check out k7jto.blogspot.com if you want to see some photos and read what someone else (who's really inexperienced in building) ran into.

John O.

On Wed, May 14, 2014 at 6:02 AM, Kevin Kleinfelter kleinfelter.groups@... [pfr3_group] <pfr3_group@yahoogroups.com>wrote:

>
>
> Found it. The two pads marked "ext bat", with "+" near one (implying "-" for the other) turned out to be one pad marked "ext" and another marked "bat", with negative going to the ground pads nearby.
> Kevin / K4KPK
>
>
>
> On Tue, May 13, 2014 at 9:30 PM, Kevin Kleinfelter <
> kleinfelter.groups@...> wrote:
>
>> ... for me to mess up.
>>
>> I've wired as far as the Group 1 smoke test. I've got no lights on the
>> LED.
>>
>> In addition to basic inspection of solder joints and checking that I've
>> not left out any components, I measured some voltages. I'm powering from a
>> 9V battery. I see:
>> * 9.5 at the battery terminals
>> * 9.5 volts at D5.
>> * 8.6 volts on pin 3 of U5, which is marked "+5". That worries me.
>> * 8.6 volts on pins 1, 7, 20 of U7.
>> * 8.2 volts on 1-8, 11, 13, 14, 15, 16 of the LED
>> * 0 volts on pin 9 of the LED
>>
>> It seems to me like maybe there should be different voltages on some of
>> the pins of the LED.
>>
>> Suggestions for where to look next? Any way to tell if the ATMEGA is

>> active without the LED?
>> TNX
>> DE K4KPK / Kevin
>>
>
>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4376. Error in Errata?

Yahoo group: pfr3_group
Date: 2014-05-14 20:47:46 UTC
From: Kevin Kleinfelter
Topic: 4376 Message: 4376

Do the errata apply to current generation kits and instructions? "Current generation" as in received last week, instructions "updated 3/1/10" and board in un-dated/un-versioned.

=== Issue 1 ===
The errata say "There are two caps marked C48... One is between the phone and paddle jack... the cap between the phone and paddle jack should be C30 (.01 UFD)."

The cap between those jacks in marked C49, not C48 on my board, so I'm not sure whether this erratum applies.

C49 is a .001 ufd. The schematic shows C49 and .001 ufd. I installed .001.

>>> Should the cap between the jacks be .001 or .01 ufd?

=== Issue 2 ===
The errata say R6 and R7 color code should be orange orange yellow instead of red red orange. But my instructions say they are Yel/Vol/Yel. R6 and R7 are 470K according to my instructions, so YVY would be correct.

>>> Should R6 and R7 be YVY 470K per instructions or 330K OOY per erratum?

=== Issue 3 ===
Errata say"In the section on the Low Pass Filters it calls for a 33 pfd... This should be a 22 pfd"

I do see a 22 pfd referenced in my instructions, but no reference to a 33 pdf.

>>> What cap are we talking about and which value should it have?

Kevin / K4KPK

4377. C17 in Two Places At Once

Yahoo group: pfr3_group
Date: 2014-05-17 21:32:17 UTC
From: Kevin Kleinfelter
Topic: 4377 Message: 4377

In the instructions, it says to add a 470 pfd cap as C17 between pins 3 and 4 of U3. (Pin 4 is ground.) The schematic shows C17 between pin 5 and ground. The picture shows it between 3 and 4.

I went with pins 3 and 4. Did I make the right choice?
73 DE K4KPK / Kevin

4378. Re: [pfr3_group] C17 in Two Places At Once

Yahoo group: pfr3_group
Date: 2014-05-17 23:15:43 UTC
From: Steven Weber
Topic: 4377 Message: 4378

Yes, you put it in the correct spot. the schematic can be in error, and
in this case is.
On May 17, 2014 5:32 PM, "Kevin Kleinfelter
kleinfelter.groups@...[pfr3_group]" <
pfr3_group@yahoogroups.com> wrote:

>
>
> In the instructions, it says to add a 470 pfd cap as C17 between pins 3
> and 4 of U3. (Pin 4 is ground.) The schematic shows C17 between pin 5 and
> ground. The picture shows it between 3 and 4.
>
> I went with pins 3 and 4. Did I make the right choice?
> 73 DE K4KPK / Kevin
>
>
>
>
>

4379. Power Output

Yahoo group: pfr3_group
Date: 2014-05-26 19:59:57 UTC
From: Kevin Kleinfelter
Topic: 4379 Message: 4379

Other than having a weak signal on low output, what harm is there in having higher or lower than 5 watts of output?

It looks like maybe I'm dead on for 40 meters and 10-20% low on 30m and 10-20% high on 20m. I can't tell for certain because the only power meter I've got is the SWR on an old MFJ tuner, and when I use the same meter to measure output of a radio I trust, it does a pretty poor job.

I've counted the turns on my toroids again and again, so I'm confident I've got the right number of turns.

I'm ready to live with the other-than-expected power, unless it means I'll burn out my finals or I'll be spectrally impure.
Kevin / K4KPK

4380. RE: [pfr3_group] Power Output

Yahoo group: pfr3_group
Date: 2014-05-26 20:08:46 UTC
From: Dale Putnam
Topic: 4379 Message: 4380

Hi Kevin, It is good that it works... not so good that it doesn't work up to specs. Not so likely to blow the finals, unless... unless the reason for low power out is that either, the tuner isn't tuning correctly causing hi current in the finals... OR the switches aren't in the correct position.. and that is aimed specifically at the antenna selection on the back panel. IF you have a current meter, and can measure the total current, key down, that would aid it being certain as to where the finals are. Over 950 ma... is into the danger zone, with 12 volts input. Does the led for the tuner show a dip? And one last thing.... the radio/tuner needs to be in the "operate" position for normal operation.Good Luck,
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Mon, 26 May 2014 15:59:57 -0400
Subject: [pfr3_group] Power Output

Other than having a weak signal on low output, what harm is there in having higher or lower than 5 watts of output?
It looks like maybe I'm dead on for 40 meters and 10-20% low on 30m and 10-20% high on 20m. I can't tell for certain because the only power meter I've got is the SWR on an old MFJ tuner, and when I use the same meter to measure output of a radio I trust, it does a pretty poor job.

I've counted the turns on my toroids again and again, so I'm confident I've got the right number of turns.
I'm ready to live with the other-than-expected power, unless it means I'll burn out my finals or I'll be spectrally impure.

Kevin / K4KPK

4381. Re: [pfr3_group] Power Output

Yahoo group: pfr3_group
Date: 2014-05-26 21:38:05 UTC
From: Kevin Kleinfelter
Topic: 4379 Message: 4381

Thank you for the reply. It is in the 'operate' position, straight key mode, key down. Both band switches are in the same position. I'm using the coax connector. (I haven't tried a long wire yet -- just a dummy load. I don't get any dimming of the LED, using the coax, when I switch to 'tune'.)

* On 40m, it draws 0.55 A.
* On 30m, it draws 0.54 A.
* On 20m, it draws 0.95 A. (Right after key down, it hits 1.02, but quickly falls to 0.95)

If I believe my meter:
* 40m puts out 3.5 W.
* 30m puts out 5 W.
* 20m puts out 7.5W.

On the other hand, my meter doesn't agree with the output from my KX3. If I set the output on my KX3 to get the same deflection as the PFR3A, and read the power off the KX3 instead of the meter:
* 40m puts out 5 W.
* 30m puts out 3.4 W.
* 20m puts out 5.1 W.

I'm inclined to believe the power output on my KX3 is accurate, and the MFJ meter is only relatively (not absolutely) accurate. In that case, 40 and 20 look pretty darn good.

The turns on the 30m inductors (L10, L11) are as even as I can possibly make them. Resistance between the ends of the inductors is 0 ohms. A couple of turns on L10 are not as snug to the toroid as the rest. They aren't flopping around -- just not quite as snug as the others. I've counted the turns on L10 and L11 several more times and they're still as specified.

I could try re-winding L10 and L11, but they look pretty well wound and there's no guarantee I'll do as well on a second try, let alone better. I'd just be re-winding them on the hope they'll turn out different.

Hmmm... Those turns are spaced evenly around the entire toroid. Would it improve power out if I push the turns so that 85-90% of the toroid is not wrapped? I'd have to glue them in place to make them stay that way. I started off with the turns covering about 85%, but as I worked with getting the band inductors in place, the turns spread out across 100% of the toroid.
73 DE K4KPK / Kevin

On Mon, May 26, 2014 at 4:08 PM, Dale Putnam daleputnam@...[pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Hi Kevin,
> It is good that it works... not so good that it doesn't work up to
> specs.
> Not so likely to blow the finals, unless... unless the reason for low
> power out is that either,
> the tuner isn't tuning correctly causing hi current in the finals... OR
> the switches aren't in the
> correct position.. and that is aimed specifically at the antenna selection
> on the back panel.
> IF you have a current meter, and can measure the total current, key
> down, that would aid it being
> certain as to where the finals are. Over 950 ma... is into the danger
> zone, with 12 volts input.
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> radio/tuner needs to be in the "operate" position for
> normal operation.
> Good Luck,
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> Have a great day,
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>
> --... ...-- Dale - WC7S in Wy
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>
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> To: pfr3_group@yahoogroups.com
> From: pfr3_group@yahoogroups.com
> Date: Mon, 26 May 2014 15:59:57 -0400
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>
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> measure output of a radio I trust, it does a pretty poor job.
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> I've got the right number of turns.
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> burn out my finals or I'll be spectrally impure.
> Kevin / K4KPK

>
>
>

4382. RE: [pfr3_group] Power Output

Yahoo group: pfr3_group
Date: 2014-05-27 05:14:38 UTC
From: Dale Putnam
Topic: 4379 Message: 4382

Hi Kevin, I like the comparison to the KX3, that works well.. and it shows too, that the current readings are well in the ballpark too.No potential problem there. For 30m, try squeezing the turns, (4 - 5) together ..see it there is any increase in power.. if not, or no change, try squeezing the other end together... If not, spread them back out.. and try the other toroid... same way... It might be that one or the other needs one less turn... instead of squeezing... if the current dips as you start spreading and never hits the bottom before you run out of "spread"... unsolder one end, and unwind one turn, don't cut it, but tack the end back in place. Measure again, and now try squeezing.... 4 - 5 maybe 6 -8 turns together.. one way or the other you should reach a dip in current/peak in power... if no change at all.. re-wrap the turn, and return it to what was... it will work just fine anyway.
BTW, the toggle switch on the back is leaning toward the coax connector, I'd anticipate.
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Mon, 26 May 2014 17:38:05 -0400
Subject: Re: [pfr3_group] Power Output

Thank you for the reply. It is in the 'operate' position, straight key mode, key down. Both band switches are in the same position. I'm using the coax connector. (I haven't tried a long wire yet -- just a dummy load. I don't get any dimming of the LED, using the coax, when I switch to 'tune'.)

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Hmmm... Those turns are spaced evenly around the entire toroid. Would it improve power out if I push the turns so that 85-90% of the toroid is not wrapped? I'd have to glue them in place to make them stay that way. I started off with the turns covering about 85%, but as I worked with getting the band inductors in place, the turns spread out across 100% of the toroid.

73 DE K4KPK / Kevin

On Mon, May 26, 2014 at 4:08 PM, Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

Hi Kevin, It is good that it works... not so good that it doesn't work up to specs. Not so likely to blow the finals, unless... unless the reason for low power out is that either,

the tuner isn't tuning correctly causing hi current in the finals... OR the switches aren't in the correct position.. and that is aimed specifically at the antenna selection on the back panel.

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Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com

Date: Mon, 26 May 2014 15:59:57 -0400
Subject: [pfr3_group] Power Output

Other than having a weak signal on low output, what harm is there in having higher or lower than 5 watts of output?
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I'm ready to live with the other-than-expected power, unless it means I'll burn out my finals or I'll be spectrally impure.

Kevin / K4KPK

4383. Off to a bad start!

Yahoo group: pfr3_group
Date: 2014-06-10 14:35:58 UTC
From: Michael Warrington
Topic: 4383 Message: 4383

Hi all
Got my PRF-3A a couple of weeks ago, c36 was damaged missing on the board so I emailed a picture and asked for advice, no reply so on with the build.
Replace smd c36, group one test; half the display is not working.

Spent far too many hours checking soldering has gone through the board
voltages/earths to ic's are ok;
50mhz out of u11 and into U6 but nothing measured on the right hand side of U6 with my frequency counter?
Each resistor and capacitor measured before I fitted to the board.
S1 to 4 is operating and not stuck closed.
I can follow the circuit diagrams but I have no idea what voltages to expect where.

I have built a few things and never been stuck before.

Any advice to help me move forward will be appreciated.

Mike G0HIO

4384. RE: [pfr3_group] Off to a bad start!

Yahoo group: pfr3_group
Date: 2014-06-10 15:03:51 UTC
From: Dale Putnam
Topic: 4383 Message: 4384

Hi Mike, Usually display issues are connection related, but you have that covered. Upon initial power up, does it light all four "8" numbers? or only two?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Tue, 10 Jun 2014 15:35:58 +0100
Subject: [pfr3_group] Off to a bad start!

Hi allGot my PRF-3A a couple of weeks ago, c36 was damaged missing on the board so I emailed a picture and asked for advice, no reply so on with the build.Replace smd c36, group one test; half the display is not working. Spent far too many hours checking soldering has gone through the board voltages/earths to ic’s are ok;50mhz out of u11 and into U6 but nothing measured on the right hand side of U6 with my frequency counter?Each resistor and capacitor measured before I fitted to the board.S1 to 4 is operating and not stuck closed.I can follow the circuit diagrams but I have no idea what voltages to expect where. I have built a few things and never been stuck before. Any advice to help me move forward will be appreciated. Mike G0HIO

4385. Re: [pfr3_group] Off to a bad start!

Yahoo group: pfr3_group
Date: 2014-06-10 16:06:55 UTC
From: John Overbaugh
Topic: 4383 Message: 4385

Also, look for bridges across pins. When I smoke tested group A, my display was suddenly all whacked. Turns out, a clipped component leg was shorting a couple of the pins on the display. Took me 15 min of really frustrated searching to find it though!

On Tue, Jun 10, 2014 at 9:03 AM, Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Hi Mike,
> Usually display issues are connection related, but you have that
> covered.
> Upon initial power up, does it light all four "8" numbers? or only two?
>
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> Have a great day,
>
>
> --... ...-- Dale - WC7S in Wy
>
>
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>
>
> ------------------------------
> To: pfr3_group@yahoogroups.com
> From: pfr3_group@yahoogroups.com
> Date: Tue, 10 Jun 2014 15:35:58 +0100
> Subject: [pfr3_group] Off to a bad start!
>
>
>
>
>
> Hi all
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> Spent far too many hours checking soldering has gone through the board
> voltages/earths to ic’s are ok;
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> 50mhz out of u11 and into U6 but nothing measured on the right hand side
> of U6 with my frequency counter?
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> I can follow the circuit diagrams but I have no idea what voltages to
> expect where.
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>
> I have built a few things and never been stuck before.
>
>
>
> Any advice to help me move forward will be appreciated.
>
>
>
> Mike G0HIO
>
>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4386. PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-06-10 17:27:40 UTC
From: jackier1061@...
Topic: 4386 Message: 4386

I find that the antenna tuner built into the PFR-3 doesn't react like other tuners I have used. I find that it is impossible to tell when the LED is dimming.

Are there any mods that change that?

Does anyone else have this problem?

Jackie Russell
AC4EH
Roanoke, VA

4387. RE: [pfr3_group] Off to a bad start!

Yahoo group: pfr3_group
Date: 2014-06-10 17:35:58 UTC
From: michaelg0hio@...
Topic: 4383 Message: 4387

On the first digit 3 bars llight , second digit nothing third 2 bars and 4th 3bars

4388. Re: [pfr3_group] PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-06-10 18:51:27 UTC
From: Kevin Kleinfelter
Topic: 4386 Message: 4388

I have finished electrical construction of my PFR3a but not final assembly into the case. I have tested the radio portion to my satisfaction.

In my limited testing with a dummy load and with an end-fed through an UNUN, I have observed the same issue -- I'm unable to dim my SWR LED. I don't know yet whether I have a problem in my tuner/bridge, or if my loads have simply exceeded the design parameters of the tuner.

So you have company. Please let me know what you find and I'll do likewise.
Kevin / K4KPK

On Tue, Jun 10, 2014 at 1:27 PM, jackier1061@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> I find that the antenna tuner built into the PFR-3 doesn't react like
> other tuners I have used. I find that it is impossible to tell when the
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>
>
> Are there any mods that change that?
>
>
>
> Does anyone else have this problem?
>
>
>
> Jackie Russell
>
> AC4EH
>
> Roanoke, VA
>
>
>

4389. Re: [pfr3_group] PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-06-10 19:20:02 UTC
From: Jed Petrovich
Topic: 4386 Message: 4389

Do you have access to a 50 ohm dummy load or known resonant antenna? That might help determine if things are working properly.

I not only use the tuner in the PFR-3, but also the Tenna Dipper, which works in a similar fashion. Both have worked well for me.

Jed
AD7KG

On Tue, Jun 10, 2014 at 12:51 PM, Kevin Kleinfelter kleinfelter.groups@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> I have finished electrical construction of my PFR3a but not final assembly
> into the case. I have tested the radio portion to my satisfaction.
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>>
>>

>>
>> Jackie Russell
>>
>> AC4EH
>>
>> Roanoke, VA
>>
>>
>
>

4390. RE: [pfr3_group] PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-06-10 20:08:19 UTC
From: Dale Putnam
Topic: 4386 Message: 4390

one common issue with that tuner.. is the spacing of the windings on T1.. they have been better if squeezed to cover about half of the core...not spaced evenly.. But as Jed says... a known load is a real good test... I use a 470 ohm resistor across the balanced line.. then a 50 ohm dummy load across the coax.. and the switches all in the proper spots.. that takes just a bit of study to get done too.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Tue, 10 Jun 2014 13:20:02 -0600
Subject: Re: [pfr3_group] PFR-3 antenna tuner

Do you have access to a 50 ohm dummy load or known resonant antenna? That might help determine if things are working properly.
I not only use the tuner in the PFR-3, but also the Tenna Dipper, which works in a similar fashion. Both have worked well for me.

JedAD7KG

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Does anyone else have this problem?

Jackie Russell

AC4EH

Roanoke, VA

4391. Re: [pfr3_group] PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-06-10 21:25:35 UTC
From: John Overbaugh
Topic: 4386 Message: 4391

Dale currently has my PFR3, partly because I was seeing the same issue and partly because I wanted someone experience to benchmark the unit. Hoping it's an easy fix like squeezing the windings! ;)

On Tue, Jun 10, 2014 at 2:08 PM, Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> one common issue with that tuner.. is the spacing of the windings on T1..
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> To: pfr3_group@yahoogroups.com
> From: pfr3_group@yahoogroups.com
> Date: Tue, 10 Jun 2014 13:20:02 -0600
> Subject: Re: [pfr3_group] PFR-3 antenna tuner
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> Jed
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> On Tue, Jun 10, 2014 at 12:51 PM, Kevin Kleinfelter

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K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4392. Re: [pfr3_group] Off to a bad start!

Yahoo group: pfr3_group
Date: 2014-06-11 01:49:05 UTC
From: Steven Weber
Topic: 4383 Message: 4392

Take a close look at the socket pins for the processor. There is a good chance several pins bent over and under the socket when installing the socket and are not sticking up out of the holes in the board as they should. Unfortunetly, if this is the case, it's something of a challenge to fix.

Steve KD1JV

On the first digit 3 bars llight , second digit nothing third 2 bars and 4th 3bars

4393. Re: [pfr3_group] PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-06-11 02:35:17 UTC
From: Steven Weber
Topic: 4386 Message: 4393

The first thing to check are the solder connections to the magnet wire. Even with pretinning the leads, it can be easy to pull the wire through the hole past the tinning and not make a connection.

But if that is okay, then it's mostly a matter of learning how to use it. The tuning is very sharp so it's easy to miss seeing the dimming of the LED. The fact that the two tuning controls are inter-active complicates things. You also have to pay attention to the position of the toggle switch on the rear of the case.

To learn how to use the tuner, practice at a low power setting (use a 9V supply) and some dummy loads. It would be good to have a 50 ohm load for low impedance matching and a 470 ohm load (2-3 watt) for high impedance and balanced line testing. But if all you have is a 50 ohm load, it can still be used for practice in getting a match. Use 30 meters first, as this is more or less in the center of the operatring frequency range of the BLT. Once you figure out 30M, try 20 and 40 to make sure it will work on both of these bands. If it works on 20 and 30m, but not on 40, then you'd have to squeeze the windings.

Read the instructions in the manual very carefully and follow the steps. Get the controls in the ball park first by setting LOAD to 50% and with TUNE adjusted for best signal strength or band noise in the receiver.

Transmit and VERY SLOWLY adjust the TUNE control to find a dip in the LED brightness. Then see if it can be dipped farther by tweaking the LOAD control. Now adjust the TUNE control just past the point of minimum LED brightness. Then use LOAD to dip the brightness as much as possible. If you can't find a dip, adjust TUNE back in the other direction and try again. It can take 4-5 back and forth adjustments before a total blanking of the LED is obtained.

Once you get the feel for the adjustments, it becomes a lot faster and you'll find you can match to a whole host of different loads.

Steve KD1JV
Dale currently has my PFR3, partly because I was seeing the same issue and partly because I wanted someone experience to benchmark the unit. Hoping it's an easy fix like squeezing the windings! ;)

4394. Re: [pfr3_group] PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-06-11 02:58:49 UTC
From: Dave
Topic: 4386 Message: 4394

It's probably dimming. It's just very touchy. It took me a while to actually get a feel for mine and sometimes had to dim the lights to see it.

FWIW
72,

Dave K8WPE

> On Jun 10, 2014, at 1:27 PM, "jackier1061@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:
>
> I find that the antenna tuner built into the PFR-3 doesn't react like other tuners I have used. I find that it is impossible to tell when the LED is dimming.
>
>
>
> Are there any mods that change that?
>
>
>
> Does anyone else have this problem?
>
>
>
> Jackie Russell
>
> AC4EH
>
> Roanoke, VA
>
>

4395. Re: [pfr3_group] PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-06-11 11:52:51 UTC
From: ckwishmeier@...
Topic: 4386 Message: 4395

Steve,

Very good explanation. I will pass this on to a friend of mine who has trouble using the BLT. Nothing wrong with it as I tested out his PFR-3A and found it operating perfectly. I guess fifty years of hamming and other electronics helps!. It also helps to shield the LED.

Keith
WA9S

-----Original Message-----
From: 'Steven Weber' steve.kd1jv@... [pfr3_group]
<pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Jun 10, 2014 10:35 pm
Subject: Re: [pfr3_group] PFR-3 antenna tuner

☐
The first thing to check are the solder connections to the magnet wire.
Even with pretinning the leads, it can be easy to pull the wire through
the hole past the tinning and not make a connection.

But if that is okay, then it's mostly a matter of learning how to use it. The tuning is very sharp so it's easy to miss seeing the dimming of the LED. The fact that the two tuning controls are inter-active complicates things. You also have to pay attention to the position of the toggle switch on the rear of the case.

To learn how to use the tuner, practice at a low power setting (use a 9V supply) and some dummy loads. It would be good to have a 50 ohm load for low impedance matching and a 470 ohm load (2-3 watt) for high impedance and balanced line testing. But if all you have is a 50 ohm load, it can still be used for practice in getting a match. Use 30 meters first, as this is more or less in the center of the operatring frequency range of the BLT. Once you figure out 30M, try 20 and 40 to make sure it will work on both of these bands. If it works on 20 and 30m, but not on 40, then you'd have to squeeze the windings.

Read the instructions in the manual very carefully and follow the steps. Get the controls in the ball park first by setting LOAD to 50% and with TUNE adjusted for best signal strength or band noise in the receiver.

Transmit and VERY SLOWLY adjust the TUNE control to find a dip in the LED brightness. Then see if it can be dipped farther by tweaking the LOAD control. Now adjust the TUNE control just past the point of minimum LED brightness. Then use LOAD to dip the brightness as much as possible. If you can't find a dip, adjust TUNE back in the other direction and try

again. It can take 4-5 back and forth adjustments before a total blanking of the LED is obtained.

Once you get the feel for the adjustments, it becomes a lot faster and you'll find you can match to a whole host of different loads.

Steve KD1JV

Dale currently has my PFR3, partly because I was seeing the same issue and partly because I wanted someone experience to benchmark the unit. Hoping it's an easy fix like squeezing the windings! ;)

4396. FOXHUNT: Summer Season coming

Yahoo group: pfr3_group
Date: 2014-06-12 13:01:20 UTC
From: Dale Putnam
Topic: 4396 Message: 4396

The Summer Season Foxhunt in the 20 acre woods... is coming quicker than you might anticipate... Are you ready? The Game Warden has agreed to negotiations.. that's the first step.Gotta get into discussions, to set the dates and open the applications for FOX...Are you ready for that? Applications first.. then the Game Warden will open the season,and the hounds will run.. every week, for the summer. Grand fun for everyone.. What does it take to be a FOX?... Fluffy tail? Pointy nose?... How about a swift paw on the key?Well.. that would be helpful, but only to the extent of being able to copy 20 wpm... the summer season, is the season that can slow down and enjoy the hunt. A good antenna on 20.. would be very helpful.. but even more than that.. a good working relationship with the Prop Princess... would be great. Having the Prop Princess on your side is a good thing.. and one other.. a good relationship with Thor,would be helpful too... so that the lightning bolts don't come close at all.. during the hunts...
This Season is promising to be a great one.. lots of fun.. and one to jump into. Hoping to see you all.

Have a great day,

--... ...--
Dale - WC7S in Wy

4397. Re: [pfr3_group] Off to a bad start!

Yahoo group: pfr3_group
Date: 2014-06-12 23:30:13 UTC
From: michaelg0hio@...
Topic: 4383 Message: 4397

I can clearly see the processor pins on the underside of the board. I removed the processor and checked for continuity from the socket on top and underside for all 28. Then I checked for shorts between all adjacent pairs on the socket.
I have 50mhz from u11 and upto the dds chip but nothing at r9 c11 junction.

4398. RE: [pfr3_group] Off to a bad start!

Yahoo group: pfr3_group
Date: 2014-06-13 00:57:49 UTC
From: Dale Putnam
Topic: 4383 Message: 4398

If this is a rx problem, do you have anything between L4 and L5?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Thu, 12 Jun 2014 16:30:13 -0700
Subject: Re: [pfr3_group] Off to a bad start!

I can clearly see the processor pins on the underside of the board. I removed the processor and checked for continuity from the socket on top and underside for all 28. Then I checked for shorts between all adjacent pairs on the socket.
I have 50mhz from u11 and upto the dds chip but nothing at r9 c11 junction.

4399. Re: Off to a bad start!

Yahoo group: pfr3_group
Date: 2014-06-13 08:27:38 UTC
From: michaelg0hio@...
Topic: 4383 Message: 4399

No this is not a rx problem I am stuck on stage one with half of the display not working. The final check on group one says I should have something on my frequency counter at r39/c41 and pin 20; but I don't have anything there. To clarify the dds chip is putting out 50mhz and this is present at pin 8 but no where else.
There is none of the self check on the display it just comes on with a lot of the leds not working!!

4400. pfr-3 paddle

Yahoo group: pfr3_group
Date: 2014-06-19 21:44:03 UTC
From: n8fox@...
Topic: 4400 Message: 4400

Guys. I am in need of the original paddle for the pfr-3. If you dont like them or have a spare please let me know. Thanks Bill N8fox@att.net

4401. Re: Off to a bad start!

Yahoo group: pfr3_group
Date: 2014-06-27 20:46:28 UTC
From: michaelg0hio@...
Topic: 4383 Message: 4401

Update. Explained my problem to Steve KD2JV and he sent me a new processor and this solved my problem. Onwards and upwards.

4402. Re: [pfr3_group] Re: Off to a bad start!

Yahoo group: pfr3_group
Date: 2014-06-27 22:41:32 UTC
From: Lee
Topic: 4383 Message: 4402

No problems desoldering the old and swapping in the new?
On Jun 27, 2014 1:46 PM, "michaelg0hio@... [pfr3_group]" <
pfr3_group@yahoogroups.com> wrote:

>
>
> Update. Explained my problem to Steve KD2JV and he sent me a new processor
> and this solved my problem. Onwards and upwards.
>
>
>

4403. Re: Off to a bad start!

Yahoo group: pfr3_group
Date: 2014-06-28 07:45:31 UTC
From: michaelg0hio@...
Topic: 4383 Message: 4403

The processor has a socket so easy to change. the smd capacitor wasn't to hard to replace. Got the receiver stage two complete last night and listening to cw this morning! not sure the signals are as strong as they should be but everything seems to work ok.

4404. No receive.

Yahoo group: pfr3_group
Date: 2014-06-28 15:16:26 UTC
From: jmulik1@...
Topic: 4404 Message: 4404

The kit is all soldered but only static on receive. Passed group 1 and 2 tests. A previous post suggested to check L1 and T1. I checked connectivity of these coils while they were soldered on the board by using a voltmeter across theirs older pads. They check out. Is this test valid? Are there other paths in the board that might cause the connectivity test to pass? Any other suggestions/test? -jaiwant, WJ0J.

4405. Re: [pfr3_group] Re: Off to a bad start!

Yahoo group: pfr3_group
Date: 2014-06-28 15:16:37 UTC
From: Steven Weber
Topic: 4383 Message: 4405

All the IC's are in sockets.
No problems desoldering the old and swapping in the new?

On Jun 27, 2014 1:46 PM, "michaelg0hio@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:

Update. Explained my problem to Steve KD2JV and he sent me a new processor and this solved my problem. Onwards and upwards.

4406. Re: No receive.

Yahoo group: pfr3_group
Date: 2014-06-28 22:20:21 UTC
From: jmulik1@...
Topic: 4404 Message: 4406

So .. still no receive. I tried the following:
(1) Removed, rescraped, retinned and put back L1 and T1.
(2) Checked for shorts with lens.
(3) Checked component values and electrolytic capacitor polarities.

Specifically, I also followed the receive troubleshooting steps in the assembly manual. Rechecked the secondary and link of T1. I can hear the hiss by increasing the volume and I can also hear the hum by touching pins 4 and 5 of U2. The manual says to check the voltages on pins 3 and 5 of U3 but does not mention the expected voltage so I cannot follow that troubleshooting step.

I am able to hear the side tone with I key down my straight key. Similarly I am able to hear all the menu announcements.

The white noise/hiss remains the same for all the 3 bands (there is no audible difference).

Thanks in advance for your help.

73,
WJ0J, Jaiwant.

4407. re: [pfr3_group] Re: No receive.

Yahoo group: pfr3_group
Date: 2014-06-30 08:52:45 UTC
From: Andre COSNEFROY
Topic: 4404 Message: 4407

Hi all,

First excuse my poor english language.

When building my own, i was not able to receive anything like you.

The problem was solved by re-heating every pin on AD9834 ; Be carefull and use very small soldering tip !

73 ,

F5TBL Andy

> Message du 29/06/14 00:20
> De : "jmulik1@yahoo.com [pfr3_group]"
> A : pfr3_group@yahoogroups.com
> Copie à :
> Objet : [pfr3_group] Re: No receive.
>
>

>

> So .. still no receive. I tried the following:

> (1) Removed, rescraped, retinned and put back L1 and T1.

> (2) Checked for shorts with lens.

> (3) Checked component values and electrolytic capacitor polarities.

>
>

> Specifically, I also followed the receive troubleshooting steps in the assembly manual. Rechecked the secondary and link of T1. I can hear the hiss by increasing the volume and I can also hear the hum by touching pins 4 and 5 of U2. The manual says to check the voltages on pins 3 and 5 of U3 but does not mention the expected voltage so I cannot follow that troubleshooting step.

>
>

> I am able to hear the side tone with I key down my straight key. Similarly I am able to hear all the menu announcements.

>
> The white noise/hiss remains the same for all the 3 bands (there is no audible difference).

>
>

> Thanks in advance for your help.

>
>

> 73,

> WJ0J, Jaiwant.

4408. Re: [pfr3_group] No receive.

Yahoo group: pfr3_group
Date: 2014-06-30 15:57:20 UTC
From: Keith Hamilton
Topic: 4404 Message: 4408

Yes. I had the same problem and solution.

Keith N8CEP

On Jun 30, 2014, at 4:52 AM, Andre COSNEFROY cosnefroy.andre@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
> Hi all,
>
> First excuse my poor english language.
>
> When building my own, i was not able to receive anything like you.
>
> The problem was solved by re-heating every pin on AD9834 ; Be carefull and use very small soldering tip !
>
>
> 73 ,
>
> F5TBL Andy
>
>
>
>
>
> > Message du 29/06/14 00:20
> > De : "jmulik1@... [pfr3_group]"
> > A : pfr3_group@yahoogroups.com
> > Copie à :
> > Objet : [pfr3_group] Re: No receive.
> >
> >
> >
>
> > So .. still no receive. I tried the following:
>
> > (1) Removed, rescraped, retinned and put back L1 and T1.
>
> > (2) Checked for shorts with lens.
>
> > (3) Checked component values and electrolytic capacitor polarities.
>
> >
> >
>

> > Specifically, I also followed the receive troubleshooting steps in the assembly manual. Rechecked the secondary and link of T1. I can hear the hiss by increasing the volume and I can also hear the hum by touching pins 4 and 5 of U2. The manual says to check the voltages on pins 3 and 5 of U3 but does not mention the expected voltage so I cannot follow that troubleshooting step.
>
> >
> >
>
> > I am able to hear the side tone with I key down my straight key. Similarly I am able to hear all the menu announcements.
>
> >
> > The white noise/hiss remains the same for all the 3 bands (there is no audible difference).
>
> >
> >
>
> > Thanks in advance for your help.
>
> >
> >
>
> > 73,
>
> > WJ0J, Jaiwant.
>
>
>

4409. RE: [pfr3_group] Re: No receive.

Yahoo group: pfr3_group
Date: 2014-06-30 17:47:13 UTC
From: Staines, Stephen
Topic: 4404 Message: 4409

Hi to you all.
Just building up a kit for my father in-law g0was, I must say as soon as I saw the SMT soldering I was concerned.
Sure enough group 1 test failed due to L6 not being attached at one end, all well after re-flowing SMT components.
So as Andy F5TBL said, with care some flux and any of the SMT techniques show on you-tube, it should not be a show stopper,
and may lead you into SMT construction, instead of all this lead bending.
73's
Steve g7was.

From: pfr3_group@...m [pfr3_group@yahoogroups.com]
Sent: 30 June 2014 09:52
To: pfr3_group@yahoogroups.com
Subject: re: [pfr3_group] Re: No receive.

Hi all,

First excuse my poor english language.

When building my own, i was not able to receive anything like you.

The problem was solved by re-heating every pin on AD9834 ; Be carefull and use very small soldering tip !

73 ,

F5TBL Andy

> Message du 29/06/14 00:20
> De : "jmulik1@... [pfr3_group]"
> A : pfr3_group@yahoogroups.com
> Copie à :
> Objet : [pfr3_group] Re: No receive.
>
>

>

> So .. still no receive. I tried the following:

> (1) Removed, rescraped, retinned and put back L1 and T1.

> (2) Checked for shorts with lens.

> (3) Checked component values and electrolytic capacitor polarities.

>
>

> Specifically, I also followed the receive troubleshooting steps in the assembly manual. Rechecked the secondary and link of T1. I can hear the hiss by increasing the volume and I can also hear the hum by touching pins 4 and 5 of U2. The manual says to check the voltages on pins 3 and 5 of U3 but does not mention the expected voltage so I cannot follow that troubleshooting step.

>
>

> I am able to hear the side tone with I key down my straight key. Similarly I am able to hear all the menu announcements.

>
> The white noise/hiss remains the same for all the 3 bands (there is no audible difference).

>
>

> Thanks in advance for your help.

>
>

> 73,

> WJ0J, Jaiwant.

4410. RE: [pfr3_group] Re: No receive.

Yahoo group: pfr3_group
Date: 2014-07-01 02:09:55 UTC
From: jmulik1@...
Topic: 4404 Message: 4410

You guys are the best. Reheating the AD9834 with a fine solder tip and also reheating L6 for good measure did the trick. Can receive and I also see output power. I have not had a qso yet but everything looks good. I would have never thought of messing with the SMT components!

4411. Re: [pfr3_group] PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-07-04 13:11:31 UTC
From: wd4msm@...
Topic: 4386 Message: 4411

Steve,

This is indeed a very good explanation of the BLT tuner in the PFR. I swore the tuner was not functioning until Keith (WA9S) carefully demonstrated how fine the tuning actually is. The interactivity of the two knobs is an added feature. If you like adjusting real knobs on your radio, this is the perfect rig!

Now I can get a match on almost any antenna I use (home antenna, Buddipole, or Outbacker) but it does take some twisting. Bright sunlight is just deadly; it's better done in the dark of night. But, once done, it does work like a charm! Your comment about the 30 meter position being the "middle" of the tuning range makes sense now. Thirty meters is always easiest for me to tune. It makes you want to start out all the time on 30 meters.

Thanks for your comments. Barry. WD4MSM

4412. Re: [pfr3_group] PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-07-04 15:50:12 UTC
From: John Overbaugh
Topic: 4386 Message: 4412

Just throwing this out there: this seems like an excellent subject for a YouTube video. There is a demo of it somewhere out there, but it's fast and not educational. Maybe Barry or Keith would be able to share your knowledge?

On Friday, July 4, 2014, wd4msm@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Steve,
>
> This is indeed a very good explanation of the BLT tuner in the PFR. I swore the tuner was not functioning until Keith (WA9S) carefully demonstrated how fine the tuning actually is. The interactivity of the two knobs is an added feature. If you like adjusting real knobs on your radio, this is the perfect rig!
>
> Now I can get a match on almost any antenna I use (home antenna, Buddipole, or Outbacker) but it does take some twisting. Bright sunlight is just deadly; it's better done in the dark of night. But, once done, it does work like a charm! Your comment about the 30 meter position being the "middle" of the tuning range makes sense now. Thirty meters is always easiest for me to tune. It makes you want to start out all the time on 30 meters.
>
> Thanks for your comments. Barry. WD4MSM
>
>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4413. Re: [pfr3_group] PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-07-04 16:03:51 UTC
From: ckwishmeier@...
Topic: 4386 Message: 4413

I'm game if Barry is.

Keith
WA9S

-----Original Message-----
From: John Overbaugh john.overbaugh@... [pfr3_group]
<pfr3_group@...m>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Jul 4, 2014 11:50 am
Subject: Re: [pfr3_group] PFR-3 antenna tuner

Just throwing this out there: this seems like an excellent subject for
a YouTube video. There is a demo of it somewhere out there, but it's
fast and not educational. Maybe Barry or Keith would be able to share
your knowledge?

On Friday, July 4, 2014, wd4msm@... [pfr3_group]
<pfr3_group@yahoogroups.com> wrote:

Steve,

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swore the tuner was not functioning until Keith (WA9S) carefully
demonstrated how fine the tuning actually is. The interactivity of the
two knobs is an added feature. If you like adjusting real knobs on your
radio, this is the perfect rig!

Now I can get a match on almost any antenna I use (home antenna,
Buddipole, or Outbacker) but it does take some twisting. Bright
sunlight is just deadly; it's better done in the dark of night. But,
once done, it does work like a charm! Your comment about the 30 meter
position being the "middle" of the tuning range makes sense now. Thirty
meters is always easiest for me to tune. It makes you want to start out
all the time on 30 meters.

Thanks for your comments.   Barry. WD4MSM

--

John Overbaugh, CISSP CHP GWAPT GSLC GCIH

K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ

4414. Re: [pfr3_group] PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-07-04 17:30:04 UTC
From: Lee
Topic: 4386 Message: 4414

Please keep the list informed. :)
On Jul 4, 2014 9:03 AM, "ckwishmeier@... [pfr3_group]" <
pfr3_group@yahoogroups.com> wrote:

> I'm game if Barry is.
>
> Keith
> WA9S
>
>
> -----Original Message-----
> From: John Overbaugh john.overbaugh@... [pfr3_group]
> <pfr3_group@yahoogroups.com>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Fri, Jul 4, 2014 11:50 am
> Subject: Re: [pfr3_group] PFR-3 antenna tuner
>
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>
> Just throwing this out there: this seems like an excellent subject for
> a YouTube video. There is a demo of it somewhere out there, but it's
> fast and not educational. Maybe Barry or Keith would be able to share
> your knowledge?
>
> On Friday, July 4, 2014, wd4msm@... [pfr3_group]
> <pfr3_group@yahoogroups.com> wrote:
>
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> Steve,
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>
> This is indeed a very good explanation of the BLT tuner in the PFR. I
> swore the tuner was not functioning until Keith (WA9S) carefully
> demonstrated how fine the tuning actually is. The interactivity of the
> two knobs is an added feature. If you like adjusting real knobs on your
> radio, this is the perfect rig!
>
>

> Now I can get a match on almost any antenna I use (home antenna,
> Buddipole, or Outbacker) but it does take some twisting. Bright
> sunlight is just deadly; it's better done in the dark of night. But,
> once done, it does work like a charm! Your comment about the 30 meter
> position being the "middle" of the tuning range makes sense now. Thirty
> meters is always easiest for me to tune. It makes you want to start out
> all the time on 30 meters.
>
>
> Thanks for your comments. Barry. WD4MSM
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> --
>
> John Overbaugh, CISSP CHP GWAPT GSLC GCIH
>
> K7JTO
> blog: sleepytridad.blogspot.com k7jto.blogspot.com
> YouTube: KF7DVJ
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> ------------------------------------
> Posted by: ckwishmeier@...
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> Yahoo Groups Links
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4415. RE: [pfr3_group] PFR-3 antenna tuner

Yahoo group: pfr3_group
Date: 2014-07-04 17:49:51 UTC
From: John Overbaugh
Topic: 4386 Message: 4415

And if you guys need help assembling and uploading the video,holler. CW? Still learning. PFR-3 tuner? No clue (yet). YouTube videos? Check...

Sent from my Windows Phone

From: ckwishmeier@cs.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: ☐7/☐4/☐2014 10:03 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR-3 antenna tuner

I'm game if Barry is.

Keith
WA9S

-----Original Message-----
From: John Overbaugh john.overbaugh@... [pfr3_group]
<pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Jul 4, 2014 11:50 am
Subject: Re: [pfr3_group] PFR-3 antenna tuner

Just throwing this out there: this seems like an excellent subject for a YouTube video. There is a demo of it somewhere out there, but it's fast and not educational. Maybe Barry or Keith would be able to share your knowledge?

On Friday, July 4, 2014, wd4msm@... [pfr3_group]
<pfr3_group@yahoogroups.com> wrote:

Steve,

This is indeed a very good explanation of the BLT tuner in the PFR. I swore the tuner was not functioning until Keith (WA9S) carefully demonstrated how fine the tuning actually is. The interactivity of the two knobs is an added feature. If you like adjusting real knobs on your radio, this is the perfect rig!

Now I can get a match on almost any antenna I use (home antenna, Buddipole, or Outbacker) but it does take some twisting. Bright sunlight is just deadly; it's better done in the dark of night. But, once done, it does work like a charm! Your comment about the 30 meter position being the "middle" of the tuning range makes sense now. Thirty meters is always easiest for me to tune. It makes you want to start out all the time on 30 meters.

Thanks for your comments. Barry. WD4MSM

--

John Overbaugh, CISSP CHP GWAPT GSLC GCIH

K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ

4416. Re: [pfr3_group] PFR-3 antenna tuner Antenna 7: 160 FT END FED

Yahoo group: pfr3_group
Date: 2014-07-04 21:35:05 UTC
From: lahagar1@...
Topic: 4386 Message: 4416

Hi Guys,

Here is a very short video that shows the LED is visible pretty well on a bright day if you are under a shade tree,

Antenna 7: 160 FT END FED - PFR3 BALANCED LINE TUNER & SWR INDICATOR .

http://www.youtube.com/watch?v=GqdibNBxyBc

Jul 4, 2010 - Built-in Antenna Tuner - Minimum SWR is indicated by dimming of LED. Tuning involves setting antenna switch on back to "balanced line", selecting "High Z" or "Low Z" for either high or low impedance (i.e. voltage fed or current fed) and then adjusting two variable capacitors for resonance. Video shows how LED dims when feedline is matched. In this demonstration, 160 foot end fed wire is matched without feedline or counterpoise on 20 meters. LED works in daylight, as shown under a shade tree.
73,
Lynn/NG9D

-----Original Message-----
From: Lee ny6p01@gmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Jul 4, 2014 12:30 pm
Subject: Re: [pfr3_group] PFR-3 antenna tuner

Please keep the list informed. :)
On Jul 4, 2014 9:03 AM, "ckwishmeier@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:

I'm game if Barry is.

Keith
WA9S

-----Original Message-----
From: John Overbaugh john.overbaugh@... [pfr3_group]
<pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Jul 4, 2014 11:50 am
Subject: Re: [pfr3_group] PFR-3 antenna tuner

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a YouTube video. There is a demo of it somewhere out there, but it's
fast and not educational. Maybe Barry or Keith would be able to share
your knowledge?

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Now I can get a match on almost any antenna I use (home antenna, Buddipole, or Outbacker) but it does take some twisting. Bright sunlight is just deadly; it's better done in the dark of night. But, once done, it does work like a charm! Your comment about the 30 meter position being the "middle" of the tuning range makes sense now. Thirty meters is always easiest for me to tune. It makes you want to start out all the time on 30 meters.

Thanks for your comments. Barry. WD4MSM

--

John Overbaugh, CISSP CHP GWAPT GSLC GCIH

K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ

Posted by: ckwishmeier@...

Yahoo Groups Links

4417. Five Antennas for the PFR-3A

Yahoo group: pfr3_group
Date: 2014-07-04 22:11:13 UTC
From: lahagar1@...
Topic: 4386 Message: 4417

Hi Guys,

Here are a few antennas that I found to work with the PFR-3 Portable Field Radio's built in tuner.

Antenna 1: 20/40 m 34 FT. END FED ANTENNA with COUNTERPOISE FOR PFR 3A
http://www.youtube.com/watch?v=3kWvXJ_5XgE&feature=share&list=PLF595C1135AC3D3A4&index=7
Jul 13, 2010 - Hendricks PFR-3 Portable Field Radio battery powered using end fed 10.4m (34 ft) wire antenna with 4.6m (15 ft) counterpoise demonstrated on 40 and 20 meter bands. This antenna is efficient and simple. Lack of a transmission line makes it suited for quick portable installations since it requires only one support. Also tunes on 30m but is demonstrated only on 20 and 40m in this video.

Antenna 2: OCF 49 FT. PORTABLE 3-BAND FIELD ANTENNA FOR PFR-3A
https://www.youtube.com/watch?v=VXo0XucRpt0&list=PLFiIJJI5T2wfclV9034h3k0SGxc6MFXTI
Sep 3, 2011 - (This antenna is essentially the 34' end fed and 15' counterpoise with the addition of a 10' parallel wire feed line.) Inexpensive Portable Field Antenna project for radio amateurs. Construction hints, "no-solder" assembly, home-brew feedline. Test notes and on-the-air demonstration on 20m, 30m and 40m ham bands using Hendricks PFR-3A transceiver. Looks like Greek letter λ (Lambda). Variable polarization depending on installation configuration. Requires ATU and single support (minimum). Stealth materials. Overall length 15m (49 ft).

TUNING NOTES FOR HENDRICKS PFR-3A and "λ-ANTENNA":
NOTE, LOCAL SURROUNDINGS SIGNIFICANTLY AFFECT TUNING; THEREFORE BLT SETTINGS ARE ONLY APPROXIMATE. AND POSITION OF DIAL INDICATORS VARIES PER UNIT. FIELD ERECTED ANTENNAS WILL ALL DIFFER; THIS IS JUST A RECORD OF ONE SPECIFIC INSTALLATION. TEST DONE WITH LEAVES ON TREE AND GROUND IN FAIRLY DRY CONDITION. HIGHLY CONDUCTIVE NORTHERN ILLINOIS SOIL. RESULTS WILL VARY.

CONNECT TOP WIRE TO RED TERMINAL, BOTTOM WIRE TO BLACK TERMINAL. ANTENNA SWITCH TO BALANCED LINE. SELECT BLT. WITH CARE, IT WAS POSSIBLE TO OBTAIN SWR MATCH AND COMPLETELY DARKENED LED ON ALL BANDS WITH ALL THREE FEED POINT CONFIGURATIONS. TUNING TAKES SOME REAL PRECISION, UNLESS NOTED THAT TUNING IS "EASY".
FEED PT HT / (POSITION OF BOTTOM WIRE)/40/30/20m:
0 ft / (15 ft FLAT ON GROUND) / 40m LO-Z / 30m HI-Z / 20m LO-Z.
8 ft / (7 ft FLAT ON GROUND) / 40m LO-Z / 30m HI-Z / 20m LO-Z.
10 ft/ (END 3 ft ABV GRD)/ 40m LO-Z / 30m HI-Z / 20m LO-Z.

Antenna 3 - SIMPLE 42 FT WIRE END FED ANTENNA FOR PFR-3A
https://www.youtube.com/watch?v=XeOwP7JtAPU
Jun 1, 2013 - 5/8 wavelength vertical wire on 20m with the PFR-3A. The 42 foot (12.8 meter) long end fed wire antenna has a banana plug that connects to one of the balanced line terminals and is tuned using the internal Balanced Line Tuner (BLT). No counterpoise. This wire antenna is simple and about optimum length for low angle radiation on 14MHz when installed vertically (as I tried to do). And the 42 foot wire works well on 30m and 40m too. On 30m the antenna is a 0.43 wavelength vertical. On 40m the antenna is 0.30 wavelength. The SWR indicator indicates a good match (complete darkening of LED) on all

bands without a counterpoise wire or ground connection using the BLT.

I recorded this example of the antenna being used on 30m with N8MRS/Mike in Akron, OH who was using his new Ten Tec Eagle. Even with the solar disruption and poor band conditions we still managed a nice QSO, that was finally ended only because of rain.

Antenna 4: 50 FOOT DOUBLET with HOMEBREW TRANSMISSION LINE FOR PFR-3A
https://www.youtube.com/watch?v=qaUN9m2u1pQ&list=PLF595C1135AC3D3A4
Aug 18, 2010 - Simple, cheap home-made multiband antenna and transmission line for QRP radio. Demonstrated on-the-air using Hendricks Portable Field Radio 3A. The little 50 ft doublet is made out of two 75 foot long pc of 20 ga. wire, no soldering, held up by a PVC tube. The PFR-3A internal ATU tuned it on all bands - 40, 30 and 20m.

Home brew parallel wire feeder was easy and fast to make. I stretched the two wires out holding hands at arms length then putting small pc of tape to hold them together. Then, repeated putting a pc of tape in-between each, and resulted in a tape every 2'-6". I folded a little tab at each pc of tape to make it easy to un-tape. One can just un-tape the feeder in 2.5 foot increments if I want to increase the length of the doublet. Or add pc of tape to hold the doublet together at a shorter length if needed for restricted space. Seems good application as adaptable portable antenna. Very simple. The light-weight parallel wire transmission line provides flexibility in the placement of the operating position

It was fun to sit on deck underneath it with 5 W. Worked MD and DC on 40 and 30m.
It did work well on 40m at reduced length. That is about 75% of full 1/2 wave dipole.
Even though I didn't have a reference antenna, at least it seemed there was no real attenuation even with about 30 feet of excess feed line strung around the deck. Signals were good on all bands, 40, 30 and 20m.

Antenna 5 - COAX FED HORIZONTAL V-ANTENNA FOR PFR-3A
https://www.youtube.com/watch?v=HciKdAHXh70
Feb 2, 2013 - PFR 3A Antenna: Simple positioning of wire antenna into a V shape can result in improved bi-directional signal strength. If two long wires are formed into a V, maximum radiation lobes are additive along a line bisecting the V. The resulting pattern is bidirectional with minor lobes to the sides of the major lobes. This horizontal-V antenna has a 90 degree angle and is one-wavelength long on 40 meters. The bisector of the angle essentially favors East-West. The antenna is 25 feet above ground (7.6m).

The antenna coax feed is matched to the transceiver with the internal Balanced Line Tuner in the PFR-3A . The station located tuner simplifies band switching. Other transmission lines and matching devices are possible. Other tuners that readily provide a 50 ohm transmitter match. Construction details: Cheap and easy, the horizontal-V antenna is fed with 125 feet of RG-6/U coax. Coax was chosen for routing convenience. 75 feet of coax lays on the ground to a barrel connector to another 50 foot section of RG-6U to feed point supported by a tree Barrel connector also allows the coax to be disconnected when not in use. RG-6/U is 75 ohm type used for CATV. It is cheap, light and durable. The type I used has an 18 AWG center wire, foamed polyethylene dielectic with a foil/braid shield. It is somewhat challenging to adapt PL-259 coax fittings, but otherwise excellent for amateur radio use because of its low cost, light weight and durability.

The V-antenna wire is 20 guage solid copper wire with HDPE UV resistant insulation -- the type sold by home improvement stores for underground dog fences in 500 foot spools. The center insulator is made from a piece of polypropelene plastic rope. The plastice rope insulator is strong and flexible. Electical connections are soldered and separate from the

mechanical connection, using separate, slack wires to protect the soldered connections from mechanical stress.

The tether cord that suspends the feed point is tied to the PE rope and the coax hangs freely below the suspender. The ends of the antenna are simply small loops in the insulated wire that serve as eyelets for the rope. There is no soldering at the ends, and the polyethelene ropes serve as the end insulators. The antenna is installed from ground level by throwing light nylon cord over the top of trees and pulling up the plastic rope that hold the ends and center feeder. This method of installing the antenna contributes to safety by eliminating climbing. CHECK THAT THERE ARE NO OVERHEAD POWER LINES BEFORE INSTALLING ANY ANTENNA. This method of antenna support also allows lowering the wires by just untying the tether cords and letting the antenna back down - for repairs or experimentation!

This last one is less suited for portable operation due to its size.

Full wave loops also work GREAT, but take a bit more time to install in a temporary location.

73,
Lynn
NG9D

4418. Re: Five Antennas for the PFR-3A

Yahoo group: pfr3_group
Date: 2014-07-08 20:30:02 UTC
From: k6mgo@...
Topic: 4386 Message: 4418

When I first finished my PFR3, it seemed to me that it took over 10 minutes to tune it to any antenna, I had the hardest time, and I had been using manual tuners for years. Now, it hardly takes a minute or two, almost as if the PFR3 has got "broken in" but I know this is nonsense and it's just me, having learned how to use it. The biggest help for me, is to tune the two capacitors, Load and Tune, for max noise without transmitting. Then also peak the Receive cap and peak the Tune and Load once again. Then with the rig in Tune, steady output, it's a snap to get the LED to go out completely. I also make sure I have the toggle switch on the back panel in the right position, mostly leaning towards the binding posts, unless I'm using a balanced fed. I also check Hi Z and Low Z and leave it in the position with the most band noise when tuning. Your mileage may vary, but this works for me. I use dipoles fed with 300 ohm TV line, 450 ohm window line, coax fed end fed dipoles, small mag loops and random wire lengths and my little Super Antenna MP-1 whip antenna. They all seem to work now.

73/72 Bill, k6mgo

4419. Wrong Voltages around U8

Yahoo group: pfr3_group
Date: 2014-07-25 19:48:26 UTC
From: peter.c.w.jacobi@...
Topic: 4419 Message: 4419

Hi,

during Build of the PFR3a everything worked as expected until I came to the Pretests before inserting L7.
Everything is as described, but the Voltages of Pin 1 and 13 are 0 even during Keying.

Pin U
1 0
2 0
3 5
4 0
5 5
6 0
7 0
8 0, with Key:0.92
9 0
10 5
11 5
12 0
13 0
14 5

So only Pin 8 rects on the Key. I exchanged the IC, resolderd the connections related to the IC, but no change. My ICType is 74HC02n

I then analyzed the Circuit diagram and I do not understand the following Part:

Pin 2, 10 and 12 are connected to the Ground. How can 10 have 5 V then?
Pin 3 and 11 are hanging into the Air?
Maybe the Groundsymbol should belong to 3 + 10.

Nevertheless, it doesnt work.
Any Hints?
Thank you very much,

Peter DL4PJ

4420. Re: [pfr3_group] Wrong Voltages around U8

Yahoo group: pfr3_group
Date: 2014-07-25 20:36:05 UTC
From: Steven Weber
Topic: 4419 Message: 4420

There is a slight error on the schematic and in the voltage table for the 74HC02.

Pins 2 and 10 should be shown connected to ground and pins 3 and 11 connected to pin 10.

Therefore the voltage table should have the values of Pins 2 and 3 along with pins 11 and 12 swapped.

But your problem is apparenly the voltage on pin 8 not going high enough to trigger the gate. Make sure you do have a 100K resistor at R37 and check the soldering to pins 16 and 17 at the DDS chip, where the signal originates. Just touching the tip of a soldering iron to those pins should fix the problem if it is there. No need to add solder, that will just cause problems as likely too much will melt on and you will cause shorts between the leads.

And since this is an RF signal on these pins, some meters will not measure correctly and cause loading.

Steve

So only Pin 8 rects on the Key. I exchanged the IC, resolderd the connections related to the IC, but no change. My ICType is 74HC02n

I then analyzed the Circuit diagram and I do not understand the following Part:

Pin 2, 10 and 12 are connected to the Ground. How can 10 have 5 V then?

Pin 3 and 11 are hanging into the Air?

Maybe the Groundsymbol should belong to 3 + 10.

Nevertheless, it doesnt work.

Any Hints?

Thank you very much,

Peter DL4PJ

4421. Re: [pfr3_group] Wrong Voltages around U8

Yahoo group: pfr3_group
Date: 2014-07-25 22:12:17 UTC
From: peter.c.w.jacobi@...
Topic: 4419 Message: 4421

Thanks Steve for your fast Response!

It worked!
Resoldering 16 + 17 wasn't enough, but resoldering the whole dds worked.
I get some Power output and my multimeter is going mad.
This smells like HF :-)

Peter

4422. RE: [pfr3_group] Wrong Voltages around U8

Yahoo group: pfr3_group
Date: 2014-07-26 12:05:12 UTC
From: Staines, Stephen
Topic: 4419 Message: 4422

Having just built a PFR-3 for my Ham father in-law, I would say the transceiver is very good. All new builders should not expect the schematic to be correct and up to date and more importunately the SMT soldering can not be trusted, as a number of builders have found out. So re-flux and re-flow is the order of the day.
My kit came with a surplus of caps and resistors, but only one BS170 I think it was and a shortage of one value of resistor. Come on, the only thing you need to do when kitting a project is provide correct info and all the parts and if you are going to do the technical SMT soldering the do right.
Steve g7was

From: pfr3_group@yahoogroups.com [pfr3_group@yahoogroups.com]
Sent: 25 July 2014 23:12
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Wrong Voltages around U8

Thanks Steve for your fast Response!

It worked!
Resoldering 16 + 17 wasn't enough, but resoldering the whole dds worked.
I get some Power output and my multimeter is going mad.
This smells like HF :-)

Peter

4423. Problem with band hopping

Yahoo group: pfr3_group
Date: 2014-08-17 16:41:08 UTC
From: vb3298@...
Topic: 4423 Message: 4423

I have a sporadic problem with my PFR-3A. On occasion after tuning up or down, when I release the tune button, my readout will hop momentarily through the other two bands and finally settle on the band that I am operating on. I'm not sure if it is the same problem and documented fix in message 3915 :"slight bug in pfr3 SECOND REQUEST". I did try a .1uF cap across the menu button, but the problem is still there. I assume that cap was to take care of potential switch bounce. I would appreciate any suggestions on a fix?ValWD4EXI

4424. Re: [pfr3_group] Problem with band hopping

Yahoo group: pfr3_group
Date: 2014-08-18 04:15:37 UTC
From: Roberto Salazar
Topic: 4423 Message: 4424

Same problem here too.
My first PFR-3A had the problem.
Did the mod of the capacitor and problem was reduced but still present.
Batteries leaked and destroyed the board.
Just assembled a second PFR a couple of weeks ago and the problem is also present on this newer one. Mention this because it is clear the problem seems not to be related to the version of software in the PFR.
Shows up mostly when you are going up or down and you press the buttons repetitively too fast.
Will keep an eye on this thread. Even though... Have the feeling will end up with us getting used to it.

Thanks for posting it.

72 de Rob
YS1RS

Sent from my iPad.
"Politicians are like disposable baby diapers: They must be replaced often and for the very same reasons."

> On Aug 17, 2014, at 20:41, "vb3298@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:
>
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>
>
>

4425. Re: [pfr3_group] Problem with band hopping

Yahoo group: pfr3_group
Date: 2014-08-18 09:55:39 UTC
From: michaelg0hio@...
Topic: 4423 Message: 4425

For the record my PFR has the same band change problem.

4426. RE: [pfr3_group] Problem with band hopping

Yahoo group: pfr3_group
Date: 2014-08-18 12:52:37 UTC
From: Luis LU4HK
Topic: 4423 Message: 4426

Ok, perfecto
Luis

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Mon, 18 Aug 2014 02:55:39 -0700
Subject: Re: [pfr3_group] Problem with band hopping

For the record my PFR has the same band change problem.

4427. Re: Problem with band hopping

Yahoo group: pfr3_group
Date: 2014-08-18 13:23:23 UTC
From: K2QPN@...
Topic: 4423 Message: 4427

I see the same problem on my original PFR3. Annoying.
73, Bob K2QPN

4428. Re: [pfr3_group] Problem with band hopping

Yahoo group: pfr3_group
Date: 2014-08-18 14:19:06 UTC
From: ckwishmeier@...
Topic: 4423 Message: 4428

So does mine. A minor problem. I just live with it. The cap did not cure the issue.

Keith
WA9S

-----Original Message-----
From: michaelg0hio@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Aug 18, 2014 5:55 am
Subject: Re: [pfr3_group] Problem with band hopping

For the record my PFR has the same band change problem.

4429. Re: Problem with band hopping

Yahoo group: pfr3_group
Date: 2014-08-20 19:35:04 UTC
From: t.molica@...
Topic: 4423 Message: 4429

One more PFR3 with the same problem here. Not show stopping, but wonder sometimes what's going on.cheers VE3KZJ.

4430. C32 installation.

Yahoo group: pfr3_group
Date: 2014-08-21 07:46:22 UTC
From: jrev@...
Topic: 4430 Message: 4430

I'm just beginning to build a PFR-3 kit I purchased at Dayton this year. Shortly after beginning the build I discovered that I was not working with the most recent instruction set. I made this discovery shortly after installing C32 immediately to the right of Q3 per the old instruction set. The current instruction set does not include an instruction to install C32 so I have removed it from the board. Any clues on what is really needed here? The board photo in the new instruction set appears to show a capacitor installed in this position

Thanks,

John, WD8JLV

4431. Electrolytic capacitor polarities.

Yahoo group: pfr3_group
Date: 2014-08-21 07:48:05 UTC
From: jrev@...
Topic: 4431 Message: 4431

Instructions for my PFR-3 indicate that the longest lead of the electrolytic capacitors is the "positive" lead. This appears to be contradictory to the markings on the capacitors. Can anyone clarify whom to believe on this matter?

John,
WD8JLV

4432. Re: C32 installation.

Yahoo group: pfr3_group
Date: 2014-08-21 07:54:52 UTC
From: jrev@...
Topic: 4430 Message: 4432

Correction: Marked position for C32 is immediately LEFT of Q3
John, WD8JLV

4433. RE: [pfr3_group] Electrolytic capacitor polarities.

Yahoo group: pfr3_group
Date: 2014-08-21 14:34:00 UTC
From: Dale Putnam
Topic: 4431 Message: 4433

Look closer to the cap.. the long lead is the positive lead... the short lead is the negative.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Thu, 21 Aug 2014 00:48:05 -0700
Subject: [pfr3_group] Electrolytic capacitor polarities.

Instructions for my PFR-3 indicate that the longest lead of the electrolytic capacitors is the "positive" lead. This appears to be contradictory to the markings on the capacitors. Can anyone clarify whom to believe on this matter?

John,
WD8JLV

4434. RE: [pfr3_group] C32 installation.

Yahoo group: pfr3_group
Date: 2014-08-21 14:40:10 UTC
From: Dale Putnam
Topic: 4430 Message: 4434

My instructions on page 8 show c32 being installed.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Thu, 21 Aug 2014 00:46:22 -0700
Subject: [pfr3_group] C32 installation.

I'm just beginning to build a PFR-3 kit I purchased at Dayton this year. Shortly after beginning the build I discovered that I was not working with the most recent instruction set. I made this discovery shortly after installing C32 immediately to the right of Q3 per the old instruction set. The current instruction set does not include an instruction to install C32 so I have removed it from the board. Any clues on what is really needed here? The board photo in the new instruction set appears to show a capacitor installed in this position

Thanks,

John, WD8JLV

4435. Capacitor polarity ambiguity

Yahoo group: pfr3_group
Date: 2014-08-22 15:07:08 UTC
From: John Reves
Topic: 4435 Message: 4435
Attachments: 3 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

4436. RE: [pfr3_group] Electrolytic capacitor polarities.

Yahoo group: pfr3_group
Date: 2014-08-22 15:14:51 UTC
From: jrev@...
Topic: 4431 Message: 4436

Dale,
Many thanks for your reply. I read the instructions which you are paraphrasing a number of times before posting my question, however, the instructions are not helpful in this case. It appears, in fact, that the instructions are wrong in this particular case. I have posted a new album titled "Capacitor polarity ambiguity" which shows three photographs of the capacitor in question. You will notice that one of the leads is folded over onto itself making both leads effectively the same length. This is how the capacitor was supplied in the kit. Even if one considers the folded lead to be the "longest" lead, the marking on the capacitor appears to indicate that this lead is the NEGATIVE lead, not the positive lead.

Don't want to install these caps until I know what is going on.

John

4437. RE: [pfr3_group] Electrolytic capacitor polarities.

Yahoo group: pfr3_group
Date: 2014-08-22 15:29:30 UTC
From: Dale Putnam
Topic: 4431 Message: 4437

Hi John, I can relate.. I've gotten caught with that a couple times... especially when working with a lack of attention. The caps are marked on their sides.. with a minus sign in an arrow, pointing to the negative lead. On the pc board, for the PFR-3 is a + sign, next to the positive lead of the cap... be real sure to put the arrow on the cap.. to the blank hole.
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Fri, 22 Aug 2014 08:14:51 -0700
Subject: RE: [pfr3_group] Electrolytic capacitor polarities.

Dale,
Many thanks for your reply. I read the instructions which you are paraphrasing a number of times before posting my question, however, the instructions are not helpful in this case. It appears, in fact, that the instructions are wrong in this particular case. I have posted a new album titled "Capacitor polarity ambiguity" which shows three photographs of the capacitor in question. You will notice that one of the leads is folded over onto itself making both leads effectively the same length. This is how the capacitor was supplied in the kit. Even if one considers the folded lead to be the "longest" lead, the marking on the capacitor appears to indicate that this lead is the NEGATIVE lead, not the positive lead. Don't want to install these caps until I know what is going on.
John

4438. Re: Electrolytic capacitor polarities.

Yahoo group: pfr3_group
Date: 2014-08-22 16:31:09 UTC
From: jrev@...
Topic: 4431 Message: 4438

Dale,
I actually posed this question to Steve, steve.kd1@gmail.com on Weds. as instructed by the QRP kits web site. I received an answer yesterday which, again, was not helpful because of the nature of the situation so I sent the photos to Steve yesterday and am waiting for a reply. I guess I'd better call their phone number and see if anyone can help.

John

4439. Re: Electrolytic capacitor polarities.

Yahoo group: pfr3_group
Date: 2014-08-22 17:20:54 UTC
From: jrev@...
Topic: 4431 Message: 4439

Dale,
What I'm seeing is a capacitor with a longer leg which appears to be marked NEGATIVE by a white stripe on the side of the cap.

4440. Re: Electrolytic capacitor polarities.

Yahoo group: pfr3_group
Date: 2014-08-22 17:34:01 UTC
From: jrev@...
Topic: 4431 Message: 4440

Just spoke with Steve and Doug. They advise that the long lead of this cap is in fact the Negative lead.

4441. RE: [pfr3_group] Re: Electrolytic capacitor polarities.

Yahoo group: pfr3_group
Date: 2014-08-22 17:43:26 UTC
From: Dale Putnam
Topic: 4431 Message: 4441

Yes... that is what I said too.. HOWEVER.. this is NOT the normal for caps found in almost ANY other location, even from QRPkits. So.. your caution is very founded.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Fri, 22 Aug 2014 10:34:01 -0700
Subject: [pfr3_group] Re: Electrolytic capacitor polarities.

Just spoke with Steve and Doug. They advise that the long lead of this cap is in fact the Negative lead.

4442. RE: [pfr3_group] Re: Electrolytic capacitor polarities.

Yahoo group: pfr3_group
Date: 2014-08-24 20:06:03 UTC
From: michaelg0hio@...
Topic: 4431 Message: 4442

I found that the short lead wouldn't reach the board to lay the capacitor down, so this was one of the parts I had to replace.

4443. Re: [pfr3_group] Capacitor polarity ambiguity [3 Attachments]

Yahoo group: pfr3_group
Date: 2014-08-29 08:14:09 UTC
From: Peter Jacobi
Topic: 4435 Message: 4443

Dear John,

In my kit I had the same issue.
I installed the Caps according to the markings on their housing.
The white bar marks minus. It works since one month, so I assume it's OK.
72 de Peter

[Attachment(s) <#147fe42359e0b18f_TopText> from John Reves included below]

4444. Re: [pfr3_group] Capacitor polarity ambiguity [3 Attachments]

Yahoo group: pfr3_group
Date: 2014-08-29 08:58:04 UTC
From: Peter Jacobi
Topic: 4435 Message: 4444

On the german Wikipedia you find this image:

http://de.m.wikipedia.org/wiki/Elektrolytkondensator#/image/Datei:Polarity-wet-Al-Elcaps.jpg

So following the signs on the housing is correct.

Peter
Am 22.08.2014 17:07 schrieb "John Reves jrev@... [pfr3_group]" <pfr3_group@yahoogroups.com>:

>
> [Attachment(s) <#147fe42359e0b18f_TopText> from John Reves included
> below]
>
>
>
>

4445. QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-10 01:21:52 UTC
From: Jed Petrovich
Topic: 4445 Message: 4445

Hello all:

Looks like there is/has been a problem with qrpkits.com. Perhaps someone has hijacked the site? Just wondering if anyone know any details.

73,

Jed
AD7KG

4446. Re: [pfr3_group] QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-10 01:34:13 UTC
From: Roberto Salazar
Topic: 4445 Message: 4446

Working for me with no problem at all.

R.
YS1RS

Sent from my iPad.
"Politicians are like disposable baby diapers: They must be replaced often and for the very same reasons."

> On Sep 10, 2014, at 5:21, "Jed Petrovich jwpetrov@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:
>
> Hello all:
>
> Looks like there is/has been a problem with qrpkits.com. Perhaps someone has hijacked the site? Just wondering if anyone know any details.
>
> 73,
>
> Jed
> AD7KG
>

4447. Re: [pfr3_group] QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-10 01:47:31 UTC
From: Jed Petrovich
Topic: 4445 Message: 4447

Roberto:

Perhaps I should have been more specific... at work and home, the
anti-virus software (two different AV programs) shows the site being
infected with some sort of malware.

Jed
AD7KG

On Tue, Sep 9, 2014 at 7:34 PM, Roberto Salazar ys1rs@...
[pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Working for me with no problem at all.
>
> R.
> YS1RS
>
> Sent from my iPad.
> "Politicians are like disposable baby diapers: They must be replaced often
> and for the very same reasons."
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> On Sep 10, 2014, at 5:21, "Jed Petrovich jwpetrov@... [pfr3_group]"
> <pfr3_group@yahoogroups.com> wrote:
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> Hello all:
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> Looks like there is/has been a problem with qrpkits.com. Perhaps someone
> has hijacked the site? Just wondering if anyone know any details.
>
> 73,
>
> Jed
> AD7KG
>
>
>

4448. Re: [pfr3_group] QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-10 02:38:07 UTC
From: Stephen Smith
Topic: 4445 Message: 4448

Based upon messages posted to QRP-L, this likely cropped up yesterday (09-08). Probably not hijacked however something in the code on the site gets most Windows browsers excited and they report it as an "attack page".

The company principal has been notified of the problem.

73.......Steve Smith WB6TNL

From: "Jed Petrovich jwpetrov@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] QRPKits.com
Date: Tue, 9 Sep 2014 19:21:52 -0600

Looks like there is/has been a problem with qrpkits.com. Perhaps someone has hijacked the site? Just wondering if anyone know any details.

4449. Re: [pfr3_group] QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-10 02:39:56 UTC
From: Harlan Rogers
Topic: 4445 Message: 4449

I had this same response with a PC using Windows OS and McAfee antivirus
software.
When I use a PC with Linux OS and no AV software, I don't have a
problem. I think the malware is targeted toward Windows OS.

--- Harlan ---

On 09/09/2014 06:47 PM, Jed Petrovich jwpetrov@... [pfr3_group]
wrote:
>
> Roberto:
>
> Perhaps I should have been more specific... at work and home, the
> anti-virus software (two different AV programs) shows the site being
> infected with some sort of malware.
>
> Jed
> AD7KG
>
> On Tue, Sep 9, 2014 at 7:34 PM, Roberto Salazar ys1rs@...
> <mailto:ys1rs@...> [pfr3_group] <pfr3_group@yahoogroups.com
> <mailto:pfr3_group@yahoogroups.com>> wrote:
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> Working for me with no problem at all.
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> replaced often and for the very same reasons."
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> On Sep 10, 2014, at 5:21, "Jed Petrovich jwpetrov@...
> <mailto:jwpetrov@...> [pfr3_group]"
> <pfr3_group@yahoogroups.com <mailto:pfr3_group@yahoogroups.com>>
> wrote:
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>>
>> Hello all:
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>> Looks like there is/has been a problem with qrpkits.com
>> <http://qrpkits.com>. Perhaps someone has hijacked the site? Just
>> wondering if anyone know any details.
>>

>> 73,
>>
>> Jed
>> AD7KG
>
>
>

4450. Re: [pfr3_group] QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-10 02:55:34 UTC
From: John Overbaugh
Topic: 4445 Message: 4450

Sigh... These kinds of issues are the bane of my existence (I work in security). This is likely the hosting company/commerce company's fault. Cheap hosting companies often run out-of-date servers with vulns that hackers take over and exploit to serve up malware.

Recommendation: anyone who has visited the site, grab a free download of Malware Bytes and scan your computer.

Next recommendation: make sure automatic updates are enabled.

Next, don't run XP. No more updates... If you won't buy a new computer, switch your old box to Linux Mint or another lightweight *nix OS

If you are on Windows, install the Microsoft EMET tools (they are also free).

If you have a web site, double check that the hosting company is applying updates. If not, go somewhere else. The switch is inconvenient, but not as bad as this kind of bad press.

John O.
K7JTO

On Tuesday, September 9, 2014, Harlan Rogers k6bs@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> I had this same response with a PC using Windows OS and McAfee antivirus
> software.
> When I use a PC with Linux OS and no AV software, I don't have a
> problem. I think the malware is targeted toward Windows OS.
>
> --- Harlan ---
>
> On 09/09/2014 06:47 PM, Jed Petrovich jwpetrov@...
> <javascript:_e(%7B%7D,'cvml','jwpetrov@...');> [pfr3_group] wrote:
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> Roberto:
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> Perhaps I should have been more specific... at work and home, the
> anti-virus software (two different AV programs) shows the site being
> infected with some sort of malware.
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> AD7KG

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> On Tue, Sep 9, 2014 at 7:34 PM, Roberto Salazar ys1rs@...
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>> 73,
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>> Jed
>> AD7KG
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--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4451. Re: [pfr3_group] QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-10 03:08:21 UTC
From: John Overbaugh
Topic: 4445 Message: 4451

Hmmm... I used to have Doug's email, but the address I have bounced just now. If he's on this DL or if someone knows a valid address, I would be glad to offer some help, free of charge. He's done plenty for the community and I would be glad to give back.

If anyone here has a working address, please forward him this email and have him get in touch. I'm happy to help out in forensics, clean up, or recommendations going forward. I'm a certified incident handler and run the security services organization for Caliber a security partners.

Thanks for the forward...

John O.

On Tuesday, September 9, 2014, John Overbaugh <john.overbaugh@...> wrote:

> Sigh... These kinds of issues are the bane of my existence (I work in
> security). This is likely the hosting company/commerce company's fault.
> Cheap hosting companies often run out-of-date servers with vulns that
> hackers take over and exploit to serve up malware.
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> Recommendation: anyone who has visited the site, grab a free download of
> Malware Bytes and scan your computer.
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> Next recommendation: make sure automatic updates are enabled.
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> Next, don't run XP. No more updates... If you won't buy a new computer,
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> If you are on Windows, install the Microsoft EMET tools (they are also
> free).
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> If you have a web site, double check that the hosting company is applying
> updates. If not, go somewhere else. The switch is inconvenient, but not as
> bad as this kind of bad press.
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> John O.
> K7JTO
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> On Tuesday, September 9, 2014, Harlan Rogers k6bs@...
> <javascript:_e(%7B%7D,'cvml','k6bs@...');> [pfr3_group] <
> pfr3_group@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','pfr3_group@yahoogroups.com');>> wrote:
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>> I had this same response with a PC using Windows OS and McAfee antivirus
>> software.
>> When I use a PC with Linux OS and no AV software, I don't have a
>> problem. I think the malware is targeted toward Windows OS.
>>
>> --- Harlan ---
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>> On 09/09/2014 06:47 PM, Jed Petrovich jwpetrov@... [pfr3_group]
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>> anti-virus software (two different AV programs) shows the site being
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>> On Tue, Sep 9, 2014 at 7:34 PM, Roberto Salazar ys1rs@...
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>>> On Sep 10, 2014, at 5:21, "Jed Petrovich jwpetrov@...
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> John Overbaugh, CISSP CHP GWAPT GSLC GCIH
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YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4452. Re: QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-10 05:18:09 UTC
From: povlholmstrom@...
Topic: 4445 Message: 4452

Hi all, I am running OS X and get the same message about malicious code being present.
73's
Povl
sm0gce

4453. Re: [pfr3_group] Digest Number 1108

Yahoo group: pfr3_group
Date: 2014-09-10 13:03:52 UTC
From: Stephen Havriliak
Topic: 4453 Message: 4453

Hi All,

Running Vista with Kaspersky antivirus software and have received the same message from QRPkits.com.

Steve, KC3ANQ

On Wednesday, September 10, 2014 3:50 AM, "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com> wrote:

There are 8 messages in this issue.

Topics in this digest:

1a. QRPKits.com
From: Jed Petrovich
1b. Re: QRPKits.com
From: Roberto Salazar
1c. Re: QRPKits.com
From: Jed Petrovich
1d. Re: QRPKits.com
From: Stephen Smith
1e. Re: QRPKits.com
From: Harlan Rogers
1f. Re: QRPKits.com
From: John Overbaugh
1g. Re: QRPKits.com
From: John Overbaugh
1h. Re: QRPKits.com
From: pholmstrom

Messages

1a. QRPKits.com
Posted by: "Jed Petrovich" jwpetrov@... jwpetrov
Date: Tue Sep 9, 2014 6:22 pm ((PDT))

Hello all:

Looks like there is/has been a problem with qrpkits.com. Perhaps someone has hijacked the site? Just wondering if anyone know any details.

73,

Jed
AD7KG

Messages in this topic (8)

1b. Re: QRPKits.com
Posted by: "Roberto Salazar" ys1rs@... ys1rs
Date: Tue Sep 9, 2014 6:34 pm ((PDT))

Working for me with no problem at all.

R.
YS1RS

Sent from my iPad.
"Politicians are like disposable baby diapers: They must be replaced often and for the very same reasons."

> On Sep 10, 2014, at 5:21, "Jed Petrovich jwpetrov@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:
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> Hello all:
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> Looks like there is/has been a problem with qrpkits.com. Perhaps someone has hijacked the site? Just wondering if anyone know any details.
>
> 73,
>
> Jed
> AD7KG
>

Messages in this topic (8)

1c. Re: QRPKits.com
Posted by: "Jed Petrovich" jwpetrov@... jwpetrov
Date: Tue Sep 9, 2014 6:47 pm ((PDT))

Roberto:

Perhaps I should have been more specific... at work and home, the anti-virus software (two different AV programs) shows the site being infected with some sort of malware.

Jed
AD7KG

On Tue, Sep 9, 2014 at 7:34 PM, Roberto Salazar ys1rs@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Working for me with no problem at all.
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> Sent from my iPad.
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> On Sep 10, 2014, at 5:21, "Jed Petrovich jwpetrov@... [pfr3_group]"
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> has hijacked the site? Just wondering if anyone know any details.
>
> 73,
>
> Jed
> AD7KG
>
>
>

Messages in this topic (8)

1d. Re: QRPKits.com
Posted by: "Stephen Smith" sigcom@... sigcom1
Date: Tue Sep 9, 2014 7:40 pm ((PDT))

Based upon messages posted to QRP-L, this likely cropped up yesterday (09-08). Probably not hijacked however something in the code on the site gets most Windows browsers excited and they report it as an "attack page".

The company principal has been notified of the problem.

73.......Steve Smith WB6TNL

From: "Jed Petrovich jwpetrov@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] QRPKits.com
Date: Tue, 9 Sep 2014 19:21:52 -0600

Looks like there is/has been a problem with qrpkits.com. Perhaps someone has hijacked the site? Just wondering if anyone know any details.

Messages in this topic (8)

1e. Re: QRPKits.com
Posted by: "Harlan Rogers" k6bs@... hr_4325
Date: Tue Sep 9, 2014 7:41 pm ((PDT))

I had this same response with a PC using Windows OS and McAfee antivirus
software.

When I use a PC with Linux OS and no AV software, I don't have a
problem. I think the malware is targeted toward Windows OS.

--- Harlan ---

On 09/09/2014 06:47 PM, Jed Petrovich jwpetrov@... [pfr3_group]
wrote:
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> Roberto:
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> On Tue, Sep 9, 2014 at 7:34 PM, Roberto Salazar ys1rs@...
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>> wondering if anyone know any details.
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>> 73,
>>
>> Jed
>> AD7KG
>
>
>

Messages in this topic (8)

1f. Re: QRPKits.com
Posted by: "John Overbaugh" john.overbaugh@... johnoverbaugh
Date: Tue Sep 9, 2014 7:55 pm ((PDT))

Sigh... These kinds of issues are the bane of my existence (I work in security). This is likely the hosting company/commerce company's fault. Cheap hosting companies often run out-of-date servers with vulns that hackers take over and exploit to serve up malware.

Recommendation: anyone who has visited the site, grab a free download of Malware Bytes and scan your computer.

Next recommendation: make sure automatic updates are enabled.

Next, don't run XP. No more updates... If you won't buy a new computer, switch your old box to Linux Mint or another lightweight *nix OS

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John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

Messages in this topic (8)

1g. Re: QRPKits.com
Posted by: "John Overbaugh" john.overbaugh@... johnoverbaugh
Date: Tue Sep 9, 2014 8:08 pm ((PDT))

Hmmm... I used to have Doug's email, but the address I have bounced just
now. If he's on this DL or if someone knows a valid address, I would be
glad to offer some help, free of charge. He's done plenty for the community

and I would be glad to give back.

If anyone here has a working address, please forward him this email and have him get in touch. I'm happy to help out in forensics, clean up, or recommendations going forward. I'm a certified incident handler and run the security services organization for Caliber a security partners.

Thanks for the forward...

John O.

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> On Tuesday, September 9, 2014, Harlan Rogers k6bs@...
> <javascript:_e(%7B%7D,'cvml','k6bs@...');> [pfr3_group] <
> pfr3_group@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','pfr3_group@yahoogroups.com');>> wrote:
>
>>
>>
>> I had this same response with a PC using Windows OS and McAfee antivirus
>> software.
>> When I use a PC with Linux OS and no AV software, I don't have a
>> problem. I think the malware is targeted toward Windows OS.
>>
>> --- Harlan ---
>>

>> On 09/09/2014 06:47 PM, Jed Petrovich jwpetrov@... [pfr3_group]
>> wrote:
>>
>>
>> Roberto:
>>
>> Perhaps I should have been more specific... at work and home, the
>> anti-virus software (two different AV programs) shows the site being
>> infected with some sort of malware.
>>
>> Jed
>> AD7KG
>>
>> On Tue, Sep 9, 2014 at 7:34 PM, Roberto Salazar ys1rs@...
>> [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
>>
>>>
>>> Working for me with no problem at all.
>>>
>>> R.
>>> YS1RS
>>>
>>> Sent from my iPad.
>>> "Politicians are like disposable baby diapers: They must be replaced
>>> often and for the very same reasons."
>>>
>>> On Sep 10, 2014, at 5:21, "Jed Petrovich jwpetrov@...
>>> [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:
>>>
>>>
>>> Hello all:
>>>
>>> Looks like there is/has been a problem with qrpkits.com. Perhaps
>>> someone has hijacked the site? Just wondering if anyone know any details.
>>>
>>> 73,
>>>
>>> Jed
>>> AD7KG
>>>
>>>
>>
>>
>
>
> --
> John Overbaugh, CISSP CHP GWAPT GSLC GCIH
> K7JTO
> blog: sleepytridad.blogspot.com k7jto.blogspot.com
> YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

Messages in this topic (8)

1h. Re: QRPKits.com
Posted by: povlholmstrom@... pholmstrom
Date: Tue Sep 9, 2014 10:18 pm ((PDT))

Hi all, I am running OS X and get the same message about malicious code being present.
73's
Povl
sm0gce

Messages in this topic (8)

Yahoo Groups Links

4455. Re: QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-10 16:09:53 UTC
From: a1aop@...
Topic: 4445 Message: 4455

Same here. I'm running Win8, Avast security and using Firefox. I guess I can use my Linux OS also on this laptop to access the site. Jerry N3HAM

4456. Re: [pfr3_group] Digest Number 1108

Yahoo group: pfr3_group
Date: 2014-09-10 16:12:47 UTC
From: Dean Davis
Topic: 4453 Message: 4456

The site does not have malware. Someone incorrectly reported it.

Dean Davis, N7XG

From: "a1aop@yahoo.com [pfr3_group]" <pfr3_group@yahoogroups.com>
Sent: Wednesday, September 10, 2014 9:11 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Digest Number 1108

Same with Windows8, Avast Internet security and Firefox browser. Luckily I have Linux on this laptop. Jerry N3HAM

4457. Re: [pfr3_group] Re: QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-10 16:14:31 UTC
From: Jed Petrovich
Topic: 4445 Message: 4457

Jerry:

I don't claim to be a security expert, but my IE (Win 7) lets me "into" QRPKits.com without a warning. I wouldn't assume it's safe just because you're running another OS or browser. Someone may have inserted code into the site to glean personal information regardless of the OS/browser.

Jed
AD7KG

On Wed, Sep 10, 2014 at 10:09 AM, a1aop@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Same here. I'm running Win8, Avast security and using Firefox. I guess I
> can use my Linux OS also on this laptop to access the site. Jerry N3HAM
>
>

4458. Re: [pfr3_group] Digest Number 1108

Yahoo group: pfr3_group
Date: 2014-09-10 16:18:00 UTC
From: Carey Magee
Topic: 4453 Message: 4458

Hi:

FWIW, the Google browser will show you the "Diagnostic Report" explaining why it puts up the message when you visit qrpkits.com. You still have the option of visiting the site anyway.

73,
Carey, K2RNY
Rochester New York
Grid: FN13ef

On Wed, Sep 10, 2014 at 12:12 PM, 'Dean Davis' dean@...
[pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> The site does not have malware. Someone incorrectly reported it.
>
>
> Dean Davis, N7XG
>
> ------------------------------
> *From*: "a1aop@... [pfr3_group]" <pfr3_group@yahoogroups.com>
> *Sent*: Wednesday, September 10, 2014 9:11 AM
> *To*: pfr3_group@yahoogroups.com
> *Subject*: Re: [pfr3_group] Digest Number 1108
>
> Same with Windows8, Avast Internet security and Firefox browser. Luckily I
> have Linux on this laptop. Jerry N3HAM
>
>
>

4459. Re: [pfr3_group] Digest Number 1108

Yahoo group: pfr3_group
Date: 2014-09-10 16:19:04 UTC
From: Roberto Salazar
Topic: 4453 Message: 4459

Exactly!!! That is all what is happening.

R.

"Politicians are like disposable baby diapers: They must be replaced often and for the very same reasons."
Sent from my Commodore VIC-20

> On 10/09/2014, at 20:12, "'Dean Davis' dean@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:
>
> The site does not have malware. Someone incorrectly reported it.
>
> Dean Davis, N7XG
>
>
> From: "a1aop@... [pfr3_group]" <pfr3_group@yahoogroups.com>
> Sent: Wednesday, September 10, 2014 9:11 AM
> To: pfr3_group@yahoogroups.com
> Subject: Re: [pfr3_group] Digest Number 1108
>
> Same with Windows8, Avast Internet security and Firefox browser. Luckily I have Linux on this laptop. Jerry N3HAM
>

4460. Re: [pfr3_group] Re: QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-10 16:19:53 UTC
From: John Overbaugh
Topic: 4445 Message: 4460

Here's the deal: if you're using Chrome, the browser has built-in reputation checks. QRPkits.com has been blacklisted due to the virus. So some users are seeing Google's anti-virus warning (those running Chrome with reputation checks enabled) and others are not.

I've been in contact with Doug and have been doing some research. The web master claims to have eradicated the malware and I haven't seen any yet in my work so I'll take that at face value. Doug and the webmaster will need to work with Google to get the reputation repaired.

John O.
K7JTO

On Wed, Sep 10, 2014 at 10:14 AM, Jed Petrovich jwpetrov@...
[pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Jerry:
>
> I don't claim to be a security expert, but my IE (Win 7) lets me "into"
> QRPKits.com without a warning. I wouldn't assume it's safe just because
> you're running another OS or browser. Someone may have inserted code into
> the site to glean personal information regardless of the OS/browser.
>
> Jed
> AD7KG
>
> On Wed, Sep 10, 2014 at 10:09 AM, a1aop@...m [pfr3_group] <
> pfr3_group@yahoogroups.com> wrote:
>
>>
>>
>> Same here. I'm running Win8, Avast security and using Firefox. I guess I
>> can use my Linux OS also on this laptop to access the site. Jerry N3HAM
>>
>
>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4461. Re: [pfr3_group] Re: QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-10 17:41:50 UTC
From: Dean Davis
Topic: 4445 Message: 4461

John,

actually qrpkits got black listed because one person reported it as malware. The script has been removed and we are waiting for Google to make another scan.

Someone also mentioned that this could be the result of a low cost ISP provider and this is not so. QRP Kits is hosted on BlueHost/HostMonster. I have also asked them to review the site which they did and they did not find any malware on it.

So assuming the Google will do the scan everything should be back to normal tomorrow.

Dean Davis, N7XG

From: "John Overbaugh john.overbaugh@... [pfr3_group]" <pfr3_group@yahoogroups.com>
Sent: Wednesday, September 10, 2014 9:27 AM
To: "pfr3_group" <pfr3_group@yahoogroups.com>
Subject: Re: [pfr3_group] Re: QRPKits.com

Here's the deal: if you're using Chrome, the browser has built-in reputation checks. QRPkits.com has been blacklisted due to the virus. So some users are seeing Google's anti-virus warning (those running Chrome with reputation checks enabled) and others are not.
I've been in contact with Doug and have been doing some research. The web master claims to have eradicated the malware and I haven't seen any yet in my work so I'll take that at face value. Doug and the webmaster will need to work with Google to get the reputation repaired.

John O.
K7JTO

On Wed, Sep 10, 2014 at 10:14 AM, Jed Petrovich jwpetrov@gmail.com [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

Jerry:
I don't claim to be a security expert, but my IE (Win 7) lets me "into" QRPKits.com without a warning. I wouldn't assume it's safe just because you're running another OS or browser. Someone may have inserted code into the site to glean personal information regardless of the OS/browser.

Jed
AD7KG

On Wed, Sep 10, 2014 at 10:09 AM, a1aop@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

Same here. I'm running Win8, Avast security and using Firefox. I guess I can use my Linux OS also on this laptop to access the site. Jerry N3HAM

-- John Overbaugh, CISSP CHP GWAPT GSLC GCIH K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com YouTube: KF7DVJ

4462. Re: [pfr3_group] Re: QRPKits.com

Yahoo group: pfr3_group
Date: 2014-09-11 00:46:22 UTC
From: Jed Petrovich
Topic: 4445 Message: 4462

Dean:

I'm pleased to report that QRPKits is coming up fine again in Chrome. Thank you for your explanation of the issue. All appears well this evening.

73,

Jed
AD7KG

On Wed, Sep 10, 2014 at 11:41 AM, 'Dean Davis' dean@alpinesoft.com [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> John,
>
> actually qrpkits got black listed because one person reported it as
> malware. The script has been removed and we are waiting for Google to make
> another scan.
>
> Someone also mentioned that this could be the result of a low cost ISP
> provider and this is not so. QRP Kits is hosted on BlueHost/HostMonster. I
> have also asked them to review the site which they did and they did not
> find any malware on it.
>
> So assuming the Google will do the scan everything should be back to
> normal tomorrow.
>
>
> Dean Davis, N7XG
>
> ------------------------------
> *From*: "John Overbaugh john.overbaugh@... [pfr3_group]" <
> pfr3_group@yahoogroups.com>
> *Sent*: Wednesday, September 10, 2014 9:27 AM
> *To*: "pfr3_group" <pfr3_group@yahoogroups.com>
> *Subject*: Re: [pfr3_group] Re: QRPKits.com
>
> Here's the deal: if you're using Chrome, the browser has built-in
> reputation checks. QRPkits.com has been blacklisted due to the virus. So
> some users are seeing Google's anti-virus warning (those running Chrome
> with reputation checks enabled) and others are not.
>
> I've been in contact with Doug and have been doing some research. The web
> master claims to have eradicated the malware and I haven't seen any yet in

> my work so I'll take that at face value. Doug and the webmaster will need
> to work with Google to get the reputation repaired.
>
> John O.
> K7JTO
>
> On Wed, Sep 10, 2014 at 10:14 AM, Jed Petrovich jwpetrov@...
> [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
>>
>>
>>
>>
>> Jerry:
>>
>> I don't claim to be a security expert, but my IE (Win 7) lets me "into"
>> QRPKits.com without a warning. I wouldn't assume it's safe just because
>> you're running another OS or browser. Someone may have inserted code into
>> the site to glean personal information regardless of the OS/browser.
>>
>> Jed
>> AD7KG
>>
>> On Wed, Sep 10, 2014 at 10:09 AM, a1aop@... [pfr3_group] <
>> pfr3_group@yahoogroups.com> wrote:
>>>
>>>
>>>
>>> Same here. I'm running Win8, Avast security and using Firefox. I guess I
>>> can use my Linux OS also on this laptop to access the site. Jerry N3HAM
>>>
>>>
>>
>>
>>
>
>
> --
> John Overbaugh, CISSP CHP GWAPT GSLC GCIH
> K7JTO
> blog: sleepytridad.blogspot.com k7jto.blogspot.com
> YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>
>
>
>

4463. Sun gave us a nice X flare CME

Yahoo group: pfr3_group
Date: 2014-09-11 06:45:07 UTC
From: beargyrils@...
Topic: 4463 Message: 4463

I lurk on most list and just work local CW to keep my speed up.
I was thinking it would be nice when the F layer rises up,i'd like to see
what antennas others are bagging DX with.
I'm going to use my 20 meter SST with the PAC-12 vertical that I built.
From indoors I use a UNUN that I made and just toss 35 feet of wire out the
window and it works better then I thought
72/73
BOB AF2Q

4464. SOTA Activation

Yahoo group: pfr3_group
Date: 2014-11-01 02:49:06 UTC
From: John Overbaugh
Topic: 4464 Message: 4464

If we aren't entirely blown off the peak with the forecasted winds, Saturday my son and I will be climbing little Frary Peak (http://www.sotawatch.org/summits.php?summit=W7U/NU-073), the highest point on Antelope Island, which is smack in the southeast corner of the Great Salk Lake in lovely Utah. I will be operating QRP with my 817 and my Buddistick, and I expect to be around the 20m QRP watering hole. Should be set up and calling CQ around 10, 11 MST.

Hope to hear from folks!

John O.
K7JTO

4465. FOX APPs accepted

Yahoo group: pfr3_group
Date: 2014-11-11 03:50:44 UTC
From: Dale Putnam
Topic: 4465 Message: 4465

Need a few hearty souls for 80m, Please? and you might as well apply for both....

The Winter QRP Fox Hunts on 40 and 80M begin this Tuesday, the 11th. It's a great opportunity to stretch out and expand your CW operating skills and just a whole lot of fun.

In each "hunt" there are two QRP Foxes, operating within 10KHz of the QRP frequency, and everybody else tries to find and work them, with a simple exchange. Sounds simple, but at there might be 50 or 60 stations calling each Fox, at the same time. The successful Hound is the one who is patient, and takes the time to figure out exactly how the Fox is operating. In other words, how to get through the pileup.

The successful Fox is the one who can figure out how to efficiently work his way through the pileup and has great ears to dig the odd Hound out of a hole in the noise floor..

It's a lot like DX, only at QRP power levels, and operating on a schedule.

Each QRP Foxhunt starts at 0200Z (0100Z during Daylight Saving Time) and lasts for 90 minutes Fox logs with over 100 QSO's are common given any sort of propagation.

At the end of the season (i.e. next April) there will be certificates for the Hound who has worked the most foxes (out of the 40 possible) and the Fox who has worked the most Hounds.

The "official rules" do a better job of explaining this and you can see them at www.qrpfoxhunt.org That's also where you will find a sign up for the QFOX list, which provides a discussion forum for Foxes and Hounds throughout the season. Schedule and progressive results are posted there too.

We're still working on the Fox roster for the coming season, so if you would like to try your hand at being a Fox, please complete the form you will find on the websiteL www.QRPFoxhunt.org. We'll see if we can find a Fox Hat to fit you.

We (QRPers) have been doing this since 1997, and it's still fun!

73
For the QRP Foxhunt Committe (sponsered
by the Colorado QRP Club)
Marshall "ET" Emm, N1FN

Have a great day,

--... ...--
Dale - WC7S in Wyhttp://www.qrpfoxhunt.org

4466. Frustrated

Yahoo group: pfr3_group
Date: 2014-11-17 14:06:48 UTC
From: slashrick@...
Topic: 4466 Message: 4466

sigh.
I am about to offer up my pfr-3 to the first bidder.

but before I begin my rant, let me state my desired outcome.

Desired: I want my PFR-3 to work well enough that it is at least as good as my SW-40+.

How to get there: I want someone to fix it for me, so that it works.

Problems: barely receives, barely transmits, frequency changes mid-qso, yahoo groups has either gotten stupid (i.e. unable to get any useful info out of it, because yahoo sucks), or I'm am way too 'old school' for what yahoo has become. (i.e. i cant even figure out how to search inside the group)..

so, what i want to do, is send my poor little badly working PFR-3, to someone (cant figure out who, because i cant search effectively inside this group), who can make it work.
i will give whoever this is money (real cash money) to accomplish this.

i have been fighting with this radio for 2 years now, with little joy.

please, someone, make this easy for me.

thanks
/rick
wb6jbm
slashrick@gmail.com
located in conyers, ga.

4467. Re: [pfr3_group] Frustrated

Yahoo group: pfr3_group
Date: 2014-11-17 14:23:38 UTC
From: Slash Rick
Topic: 4466 Message: 4467

deal.

there were no other posts.
i run by the 'standard' rule of 'don't post until you have searched the forum',,,,
i have failed in searching the forum.
i have failed in finding out why i'm failing in searching the forum.

any joy i had when building the radio has been overshadowed by the sorrow of actually trying to operate it.

i will get it in the mail this week.

i know there is an updated firmware. i cant even find info about THAT on the group.

i just want to be able to take this radio with me to 'wherever' (like, to the beach, or to a campsite, or even in my back yard) and make it work, and get joy from that experience.

Dale, please, as you go thru it, I would LOVE to know what you find wrong, and what needed to be fixed.

thank you thank you thank you.

/rick

On Mon, Nov 17, 2014 at 9:15 AM, Dale Putnam <daleputnam@...> wrote:

> Hey Rick,
> I apologize that I didn't see any of your posts.
> Please.. let me help. Send it to me.. I'll return it meeting or exceeding
> published specs.
> After you are satisfied that it meets or exceeds specs, you are
> responsible for the shipping
> (find that amount on the box it arrives in.. typically less than 10.) IF
> you want add something,
> that would be very appreciated. IF I have to use parts, I will include
> their cost on the spec sheet,
> that I email to you.
>
> No need to be unhappy with that radio.. not at all. now.
>
> Priority Mail.. in a small flat rate box works well.. Just remove the
> knobs and posts... put that into a
> baggy and include it with the radio.
> Send to:

>
> Dale - WC7S
> Quality Electronics.
> 5503 N. College Dr.
> Cheyenne, Wy. 82009
>
> IF you want to, ok?
>
> Have a great day,
>
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
> ----------
> To: pfr3_group@yahoogroups.com
> From: pfr3_group@yahoogroups.com
> Date: Mon, 17 Nov 2014 06:06:48 -0800
> Subject: [pfr3_group] Frustrated
>
>
>
> sigh.
> I am about to offer up my pfr-3 to the first bidder.
>
> but before I begin my rant, let me state my desired outcome.
>
> Desired: I want my PFR-3 to work well enough that it is at least as good
> as my SW-40+.
>
> How to get there: I want someone to fix it for me, so that it works.
>
> Problems: barely receives, barely transmits, frequency changes mid-qso,
> yahoo groups has either gotten stupid (i.e. unable to get any useful info
> out of it, because yahoo sucks), or I'm am way too 'old school' for what
> yahoo has become. (i.e. i cant even figure out how to search inside the
> group)..
>
> so, what i want to do, is send my poor little badly working PFR-3, to
> someone (cant figure out who, because i cant search effectively inside this
> group), who can make it work.
> i will give whoever this is money (real cash money) to accomplish this.
>
> i have been fighting with this radio for 2 years now, with little joy.
>
> please, someone, make this easy for me.
>
> thanks

> /rick
> wb6jbm
> slashrick@...
> located in conyers, ga.
>
>
>
>
>
>
>
>

4468. RE: [pfr3_group] Frustrated

Yahoo group: pfr3_group
Date: 2014-11-17 14:40:36 UTC
From: Dale Putnam
Topic: 4466 Message: 4468

HI Rick, I'll be happy to work through it with you via email, letting you know how.. and what I find.The posts that need to be removed, if you use the small USPS flat rate box, are the posts for the CAPS.. the knobs fit to.That way the radio fits much better in the box. I'll be watching for it,

Have a great day,

--... ...--
Dale - WC7S in Wy

To: daleputnam@...; pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Mon, 17 Nov 2014 09:23:38 -0500
Subject: Re: [pfr3_group] Frustrated

deal.

there were no other posts.
i run by the 'standard' rule of 'don't post until you have searched the forum',,,,
i have failed in searching the forum.
i have failed in finding out why i'm failing in searching the forum.

any joy i had when building the radio has been overshadowed by the sorrow of actually trying to operate it.

i will get it in the mail this week.

i know there is an updated firmware. i cant even find info about THAT on the group.

i just want to be able to take this radio with me to 'wherever' (like, to the beach, or to a campsite, or even in my back yard) and make it work, and get joy from that experience.

Dale, please, as you go thru it, I would LOVE to know what you find wrong, and what needed to be fixed.

thank you thank you thank you.

/rick

On Mon, Nov 17, 2014 at 9:15 AM, Dale Putnam <daleputnam@...> wrote:

Hey Rick, I apologize that I didn't see any of your posts. Please.. let me help. Send it to me.. I'll return it meeting or exceeding published specs.After you are satisfied that it meets or exceeds specs, you are responsible for the shipping (find that amount on the box it arrives in.. typically less than 10.) IF you want add something,that would be very appreciated. IF I have to use parts, I will include their cost on the spec sheet, that I email to you.
No need to be unhappy with that radio.. not at all. now.

Priority Mail.. in a small flat rate box works well.. Just remove the knobs and posts... put that into a baggy and include it with the radio. Send to:
Dale - WC7SQuality Electronics.5503 N. College Dr.Cheyenne, Wy. 82009
IF you want to, ok?
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Mon, 17 Nov 2014 06:06:48 -0800
Subject: [pfr3_group] Frustrated

sigh.
I am about to offer up my pfr-3 to the first bidder.

but before I begin my rant, let me state my desired outcome.

Desired: I want my PFR-3 to work well enough that it is at least as good as my SW-40+.

How to get there: I want someone to fix it for me, so that it works.

Problems: barely receives, barely transmits, frequency changes mid-qso, yahoo groups has either gotten stupid (i.e. unable to get any useful info out of it, because yahoo sucks), or I'm am way too 'old school' for what yahoo has become. (i.e. i cant even figure out how to search inside the group)..

so, what i want to do, is send my poor little badly working PFR-3, to someone (cant figure out who, because i cant search effectively inside this group), who can make it work.
i will give whoever this is money (real cash money) to accomplish this.

i have been fighting with this radio for 2 years now, with little joy.

please, someone, make this easy for me.

thanks
/rick
wb6jbm
slashrick@...
located in conyers, ga.

4469. Re: Error in Errata?

Yahoo group: pfr3_group
Date: 2014-11-27 22:16:08 UTC
From: whurleyjr@...
Topic: 4376 Message: 4469

Did you ever get answers to these questions? I have the same questions about the kit that was sent to me on November 20, 2014

4470. Re: [pfr3_group] Re: Error in Errata?

Yahoo group: pfr3_group
Date: 2014-11-27 23:05:05 UTC
From: Kevin Kleinfelter
Topic: 4376 Message: 4470

I almost couldn't find it, but I've pasted the thread below. Sadly, my PFR
has reached the 85% finished stage and been set aside. I have to do final
assembly and calibration, and I hate final assembly.
Good luck with your radio!
Kevin / K4KPK

Stephen Smith <sigcom@...>
May 14
to me
Hi Kevin,

You likely have an errata sheet for the PRF-3, not the PFR-3A, the current
kit version. You should be using the "updated 03/01/10" manual revision.
Follow that and nothing else.

An errata for a PFR-3 will only get you confused. Where did you get it?

73.......Steve Smith WB6TNL
"Snort Rosin"

Please note: message attached

From: "Kevin Kleinfelter kleinfelter.groups@... [pfr3_group]" <
pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Error in Errata?
Date: Wed, 14 May 2014 16:47:46 -0400
Kevin Kleinfelter <kleinfelter.groups@...>
May 14
to Stephen
Hmmm... http://www.qrpkits.com/pfr3.html is the page from which I ordered
my PFR-3a and downloaded my PFR-3a manual, but it sounds like it has erratafor
the PFR-3.

I'm relieved to hear that the 3/1/10 manual is all I need. I never did
like errata.

Thanks for the help
73 DE K4KPK

On Thu, Nov 27, 2014 at 5:16 PM, whurleyjr@... [pfr3_group] <
pfr3_group@yahoogroups.com> wrote:

>
>
> Did you ever get answers to these questions? I have the same questions
> about the kit that was sent to me on November 20, 2014

>
>

4471. Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-06 06:05:41 UTC
From: dbpiment@...
Topic: 4339 Message: 4471

Ned,

I know this is an old post, but I have to ask if your PFR-3A has been sold. Since I have never built a kit, I'm looking for one already built. I figure it doesn't hurt to ask.

David, AF5UO

4472. Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-08 17:52:05 UTC
From: wb8yyy@...
Topic: 4339 Message: 4472

David

never built a kit? well the recommended progression is to start with something easy, and also low cost.

the critical milestone is making a good solder joint. once you do this a few times successfully, there isn't a huge deal in later doing it for something more complex.

a simple kit could be an electronic keyer or something with just a few parts. idea is to build your confidence (pun intended).

beyond this, the challenge of a PFR-3 is to properly identify all the parts, and get them properly oriented (for things like diodes, transistors, ICs and polarized capacitors).

yes a local support person (another ham that has built and troubleshot stuff) is definitely recommended, or an extra dose of patience might also work.

when/if you land or birth one - enjoy tickling the ions with it

73 Curt

4473. Re: [pfr3_group] Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-08 18:15:14 UTC
From: John Overbaugh
Topic: 4339 Message: 4473

Curt's right. David, I hadn't soldered a thing prior to 2009 or so. Had a couple elmers help me out, then I built a series of increasingly-complex kits starting with a simple balun, installing a W4RT "One Big Punch" kit, building a Rockmite, then building an Elecraft T1 tuner. From there, I bought a PFR3 but didn't start onto it for a series of reasons (life got in the way). You can find my blog on building the kit at http://k7jto.blogspot.com

My kit worked and bench-tested at or above data sheet expectations (which surprised no one more than me). So my PFR is "living proof" that if you are careful, try to be neat, and follow directions you can build one successfully.

This can be done.

On Mon, Dec 8, 2014 at 10:52 AM, wb8yyy@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> David
>
> never built a kit? well the recommended progression is to start with
> something easy, and also low cost.
>
> the critical milestone is making a good solder joint. once you do this a
> few times successfully, there isn't a huge deal in later doing it for
> something more complex.
>
> a simple kit could be an electronic keyer or something with just a few
> parts. idea is to build your confidence (pun intended).
>
> beyond this, the challenge of a PFR-3 is to properly identify all the
> parts, and get them properly oriented (for things like diodes, transistors,
> ICs and polarized capacitors).
>
> yes a local support person (another ham that has built and troubleshot
> stuff) is definitely recommended, or an extra dose of patience might also
> work.
>
> when/if you land or birth one - enjoy tickling the ions with it
>
> 73 Curt
>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4474. Re: [pfr3_group] Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-08 19:20:42 UTC
From: beargyrils@...
Topic: 4339 Message: 4474

I can't see wasting my time building some tiny cheap kit.
My first real build was the OHR 100-A and I made one mistake and that was putting a chip socket the wrong way but I spotted that doing my second time going over my work.
My next build was a NC 40-A then I built another and made the 5 watt mod.
My biggest challenge was building the NC 20 RED HOT Radio
Then I built up the Red Hot Radio for 40 meters.
I just took my time,double checked every part at least 3 times.
A long time ago a ham told me to take my time,do it right and do it once.
I still have those Red Hot rigs today and they are spot on frequency
Just my 2 cents on the topic.
BOB AF2Q

In a message dated 12/8/2014 1:15:27 P.M. Eastern Standard Time, pfr3_group@yahoogroups.com writes:

Curt's right. David, I hadn't soldered a thing prior to 2009 or so. Had a couple elmers help me out, then I built a series of increasingly-complex kits starting with a simple balun, installing a W4RT "One Big Punch" kit, building a Rockmite, then building an Elecraft T1 tuner. From there, I bought a PFR3 but didn't start onto it for a series of reasons (life got in the way). You can find my blog on building the kit at _http://k7jto.blogspot.com_ (http://k7jto.blogspot.com/)

My kit worked and bench-tested at or above data sheet expectations (which surprised no one more than me). So my PFR is "living proof" that if you are careful, try to be neat, and follow directions you can build one successfully.

4475. Re: [pfr3_group] Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-08 19:38:06 UTC
From: lahagar1@...
Topic: 4339 Message: 4475

The PFR 3A kit, in a word, is SUPERB! At $260 plus shipping, it is a GREAT deal for a three band rig with all the HANDY features needed in a take-along radio: digital display/ATU/keyer/internal power supply!

As a first QRP transceiver kit there are many options. The PFR 3A would be OK. As I recall, the PLL circuit is nearly a no-brainer to align. I admit I did have some trouble obtaining all the parts needed. Hendricks eventually came thru, but someone just starting out might not have the patience for that. And I have noticed some folks can't seem to understand how to obtain the current building instructions from the web site. I wasn't too fussed about any of that, and I hope more people find out what a great little radio the PRR-3A is.

But if you are just starting out, in my opinion, a couple simple kits would be the way to begin. One very rewarding project was the direct conversion mono band receiver Ten-Tec sold. It would be ideal for use in learning how to identify parts, create good solder connections and tune a radio circuit by means of a threaded powdered iron core inductors inside shield cans with a plastic insulated tool. I don't know if Ten-Tec still sells it. If not, that is a shame.

If you don't already have a QRP power meter/SWR meter, I would build one as a project. I would also build or buy a 50 ohm dummy load. You will need both of those to build and test a QRP transceiver.

For a beginner QRP transceiver I highly recommend the 40m MFJ CUB. It has a low parts count, it is well designed and mine came without any missing parts. All the tiny Surface Mount Devices are factory installed. Assuming you have a ham transceiver with accurate digital display, that will be all you need to get the CUB aligned, transmitting and receiving with on the right frequency. This is done by adjusting threaded powdered iron core inductors with a non-metallic tool. And if you order it thru the ARRL (for $118 including shipping std rate that arrived within a week) you can get a package deal that includes a nice book with plenty of info on Low Power communications. Bonus: The bound book includes CLEAR and easily followed instructions for building the CUB.

The Ten Tec T1300 QRP transceiver would be, in my opinion, a little trickier to build because of the method of adjusting the toroid inductance in the local oscillator. It is an excellent performing QSK radio, that might just take a bit longer to perfect ($124 plus shipping). Some videos to show how all these little kits, PFR-3A, Ten-Tec DC receiver, CUB and Ten-Tec T1300s work are at www.YouTube.com/NG9D

73,
Lynn
NG9D

-----Original Message-----
From: John Overbaugh john.overbaugh@gmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Mon, Dec 8, 2014 12:15 pm
Subject: Re: [pfr3_group] Re: PRF-3A For Sale

Curt's right. David, I hadn't soldered a thing prior to 2009 or so. Had a couple elmers help me out, then I built a series of increasingly-complex kits starting with a simple balun, installing a W4RT "One Big Punch" kit, building a Rockmite, then building an Elecraft T1 tuner. From there, I bought a PFR3 but didn't start onto it for a series of reasons (life got in the way). You can find my blog on building the kit at http://k7jto.blogspot.com

My kit worked and bench-tested at or above data sheet expectations (which surprised no one more than me). So my PFR is "living proof" that if you are careful, try to be neat, and follow directions you can build one successfully.

This can be done.

On Mon, Dec 8, 2014 at 10:52 AM, wb8yyy@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

David

never built a kit? well the recommended progression is to start with something easy, and also low cost.

the critical milestone is making a good solder joint. once you do this a few times successfully, there isn't a huge deal in later doing it for something more complex.

a simple kit could be an electronic keyer or something with just a few parts. idea is to build your confidence (pun intended).

beyond this, the challenge of a PFR-3 is to properly identify all the parts, and get them properly oriented (for things like diodes, transistors, ICs and polarized capacitors).

yes a local support person (another ham that has built and troubleshot stuff) is definitely recommended, or an extra dose of patience might also work.

when/if you land or birth one - enjoy tickling the ions with it

73 Curt

--

John Overbaugh, CISSP CHP GWAPT GSLC GCIH

K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ

4476. Re: [pfr3_group] Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-08 22:10:34 UTC
From: dbpiment@...
Topic: 4339 Message: 4476

Hi John,

Thanks for your post and for your suggestions. I just checked out your blog on the PFR3 build. Good stuff. However, I won't being needing to build the PFR3 any longer as a member of the group had one for sale and I made a deal to buy his. However, I do plan to start building small kits to get the experience to build more complex kits. I appreciate your encouragement that it can be done.

73

David
AF5UO

4477. Re: [pfr3_group] Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-08 23:24:20 UTC
From: John Overbaugh
Topic: 4339 Message: 4477

Good to hear, congrats and welcome to the PFR group!

On Mon, Dec 8, 2014 at 3:10 PM, dbpiment@... [pfr3_group] <
pfr3_group@yahoogroups.com> wrote:

>
>
> Hi John,
>
>
> Thanks for your post and for your suggestions. I just checked out your
> blog on the PFR3 build. Good stuff. However, I won't being needing to
> build the PFR3 any longer as a member of the group had one for sale and I
> made a deal to buy his. However, I do plan to start building small kits to
> get the experience to build more complex kits. I appreciate your
> encouragement that it can be done.
>
>
> 73
>
>
> David
>
> AF5UO
>
>
>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4478. Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-09 10:19:48 UTC
From: rkavampsev@...
Topic: 4339 Message: 4478

Hi all,
This is GM4VKI over in SOGGY Scotland .I've just sent in an article to the GQRP Sprat magazine with 5 Mods in it, for the PFR3 if anybody is interested.
Mod:-
1 variable xtal filter
2 variable bfo
3 small 5.1v reg supply for above
4 variable audio bandpass filter
5 RX RF amplifier.
have fun
cheers
Roy
GM4VKI

4479. Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-09 12:10:54 UTC
From: Michael
Topic: 4339 Message: 4479

Hi Roy,
Quite happy with my PFR-3 but will be looking forward to your article on PFR-3 mods with interest...
Regards Mike,
g0bpu.

4480. RE: [pfr3_group] Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-09 12:59:27 UTC
From: Dale Putnam
Topic: 4339 Message: 4480

Hi Roy,
I've built quite a few of the PFR-3s... and have been building them for others too.
I'm very interested in the mods, will go hunt for the Sprat..
Thank you,

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Tue, 9 Dec 2014 05:19:48 -0500
Subject: [pfr3_group] Re: PRF-3A For Sale

Hi all,

This is GM4VKI over in SOGGY Scotland .I've just sent in an article to the GQRP Sprat magazine with 5 Mods in it, for the PFR3 if anybody is interested.

Mod:-

1 variable xtal filter

2 variable bfo

3 small 5.1v reg supply for above

4 variable audio bandpass filter

5 RX RF amplifier.

have fun

cheers

Roy

GM4VKI

4481. Re: [pfr3_group] Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-09 13:37:09 UTC
From: Austin McCaskill
Topic: 4339 Message: 4481

What is the difference between the PFR-3 and 3A? I have a PFR-3 which has
been a great radio for several years.

72 de ZA/NE50 austin

austin

Austin McCaskill

USA (Dec 17, 2014-Feb 4, 2015)
5411 B Street Apt A
Little Rock, AR 72205
501-313-9604

Albania:
KP 119, AEP Box 75
Tirana, Albania
Albanian Mobile: +355692091023
1-501-588-1934 Everywhere number
Skype: austinmc - this will also ring my cell phone

On Tue, Dec 9, 2014 at 12:10 PM, 'Michael' m.r.johnson4715@...
[pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Hi Roy,
> Quite happy with my PFR-3 but will be looking forward to your article
> on PFR-3 mods with interest...
> Regards Mike,
> g0bpu.
>
>
>

4482. Re: [pfr3_group] Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-09 15:38:04 UTC
From: Austin McCaskill
Topic: 4339 Message: 4482

Is there any way the rest of us can get access to the mods?

ZA/NE5O austin

4483. Re: [pfr3_group] Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-09 23:40:09 UTC
From: ray@...
Topic: 4339 Message: 4483

Don't know of any mods, I built mine about 4 or 5 yrs ago.
Tri-band, qrp, Kit, support. I don't know of anything else to do. I did use scope, beacon, and freq. counter to align. I have had a blast with mine and have used it till paint has wear spots. It is tossed in a backpack and carried around like a gud guitar tossed in da back seat and taken to the beach often. I did spread and collapse windings on toroid's for each band to get best results, I also inquired through the group advise on hot gluing torrid's, was told it was UN-necessary. I believe that to be true. all else was str8 fwd.
gl hv fun
73 Ray Smith KG0V

4484. Re: PRF-3A For Sale

Yahoo group: pfr3_group
Date: 2014-12-10 14:33:47 UTC
From: rkavampsev@...
Topic: 4339 Message: 4484

Hi all.
Once Sprat magazine is published with the article then i'll post the original on the PFR file section.
cheers
Roy

4485. PFR-3 For Sale

Yahoo group: pfr3_group
Date: 2014-12-10 16:30:55 UTC
From: fghester@...
Topic: 938 Message: 4485

PFR-3 excess to my needs. This is the original, not the "A". Works well on all bands. Appearance is very good, never exposed to smoking, and works well. I've even made stateside contacts with it from Oahu! AF output is known to be a little low on these rigs but using good earbuds, with the volume up, solves the problem. I built half of this rig then, due to 60 hour work weeks, sent it to WC7S who completed build, testing and alignment. It was completed in early 2010. Probably has about 100 QSOs on it. $275 shipped / insured anywhere in CONUS. Thanks! / WD9F fghester@yahoo.com (please respond off list). 72!

4487. FS: PFR-3 Price Reduced

Yahoo group: pfr3_group
Date: 2014-12-13 00:20:30 UTC
From: fghester@...
Topic: 4487 Message: 4487

Price of PFR-3 previously listed reduced to $235 shipped. Please respond off list to fghester@yahoo.com Thanks! / Woody / WD9F

4488. The big Mystery

Yahoo group: pfr3_group
Date: 2014-12-23 19:16:16 UTC
From: k6mgo@...
Topic: 4488 Message: 4488

I am really stumped by this one, maybe someone out there will know the answer.

I have used Reverse Beacon Net for several years now to tell me how my antennas work and how propagation is doing and think it's the best since sliced bread. For those of you who don't know about Reversed Beacon Net, it's a group of hams all over the world who use their rigs to monitor the CW portion of HF for anyone calling CQ and send back a signal report with time, date, freq. code speed and SNR. All you have to do is go to Reversebeacon.net and click on DX Spots and Spot Search and enter your call.
Anyway, had been working on my PFR3A and wanted to make sure it was working alright so the other day I setup my indoor doublet and connected it to the PFR3 and sent out a CQ using the built-in memory keyer first on 20m then on 30m and finally on 40m without getting one report back, which is very unusual. At first I thought that propagation was bad as it was about 2PM PST. So waited till the evening when 30 and 40 meters picks up. And tried again. Again no reports back. Checked the power out of the rig with a dummy load and RF detector and DVM and got full 5 watts out to 4.5 watts on all bands, both out of the coax connector and the binding posts. Happened to have my FT-857D sitting here along side of the PFR3 and so I connected the same antenna to the 857 set at 5 watts out, and sent CQ with the memory keyer and on the first CQ I got a 25dB report from a RBN station over 500 miles away, Tried the other band, (30M) and same thing. Hooked up the PFR3 to the antenna again and sent out CQ's over and over with the memory keyer and no RBN "hits". So I now am thinking somehow the rig isn't putting out any RF. But just went on 40m and putout a CQ and a guy 925 miles away answers me, and we carry on a nice 10-15 minute QSO and after I signed with him, a guy in Phoenix AZ comes back to me and again we have a nice QSO. This is on the PFR3.

So, the mystery is why does the PFR3 work on a QSO just fine, but won't get returns from RBN where the 857 does?

The only thing that I can think of is that for some reason the RBN stations are getting the call letters from the PFR3 and do get them from the 857, but I am not sending by hand, I'm using the memory keyer, so the code coming out of the PFR3 should be good enough code for RBN to decode it. I'm completely stumped, anyone have any ideas?

73 & Happy Holidays to all,

Bill, k6mgo

4489. RE: [pfr3_group] The big Mystery

Yahoo group: pfr3_group
Date: 2014-12-23 20:15:19 UTC
From: Dale Putnam
Topic: 4488 Message: 4489

Welcome to the world of CME and Solar Storms... Where a signal can be 20 - 30 over 9... one minute and absolutely nothing the next.
Check the toggle switch on the back of the PFR-3, make sure, it is in the correct position.Check the slice switches.. to insure they are in the correct positions. BLT - Coax, Tune - Operate, Low - High
If all that works... just get on the air and call... maybe the infrastructure for RBN wasn't working... for a few minutes....

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Tue, 23 Dec 2014 11:16:16 -0800
Subject: [pfr3_group] The big Mystery

I am really stumped by this one, maybe someone out there will know the answer.

I have used Reverse Beacon Net for several years now to tell me how my antennas work and how propagation is doing and think it's the best since sliced bread. For those of you who don't know about Reversed Beacon Net, it's a group of hams all over the world who use their rigs to monitor the CW portion of HF for anyone calling CQ and send back a signal report with time, date, freq. code speed and SNR. All you have to do is go to Reversebeacon.net and click on DX Spots and Spot Search and enter your call.
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using the memory keyer, so the code coming out of the PFR3 should be good enough code for RBN to decode it. I'm completely stumped, anyone have any ideas?

73 & Happy Holidays to all,

Bill, k6mgo

4490. Battery Status Indicator for the PFR3A

Yahoo group: pfr3_group
Date: 2015-01-23 21:20:55 UTC
From: k6mgo@...
Topic: 4490 Message: 4490

Need some help here with a Battery Status Indicator that I built for my PFR3. I'm pretty sure that it was working when I built it, but due to not going out in the field and using the rechargeable batteries, I just recharged the batteries, and left them in the case, using a external AC PS to power the PFR3. Every time I would push the button, the LED would glow "green" so I thought that the batteries were just holding their charge. Came to find out that they were depleting but I didn't know it till I measured the power out with my meter. Doing the calibration and set-up for the BSI I discovered that I can set the red led to light on one end of the pot, and have the green led light at one end of the pot, but they don't change, or go on and off with voltage change the way they are supposed to.
I looked in the manual and find that on page 19 where the schematic is supposed to be, it is blank. And there is no voltage charts or any troubleshooting help what so ever in the manual. I am very limited with test equipment, just having a DVM.
I tried sending an email to Dan Tayloe and asked for help but got no answer, and I see that Doug is out for an operation, so was wondering if anyone has any info that I could use like a schematic and or troubleshooting help. It sure would be appreciated.

73, Bill, k6mgo

4491. RE: [pfr3_group] Battery Status Indicator for the PFR3A

Yahoo group: pfr3_group
Date: 2015-01-24 00:40:52 UTC
From: Dale Putnam
Topic: 4490 Message: 4491
Attachments: 1 described; binary payloads are missing from this source WARC

HI Bill..
The dvm is all you need to set it up...
attached is the manual..
that should help out a lot.
Sounds like the setup of the red and green may have gotten out of calibration....??

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Fri, 23 Jan 2015 13:20:55 -0800
Subject: [pfr3_group] Battery Status Indicator for the PFR3A

Need some help here with a Battery Status Indicator that I built for my PFR3. I'm pretty sure that it was working when I built it, but due to not going out in the field and using the rechargeable batteries, I just recharged the batteries, and left them in the case, using a external AC PS to power the PFR3. Every time I would push the button, the LED would glow "green" so I thought that the batteries were just holding their charge. Came to find out that they were depleting but I didn't know it till I measured the power out with my meter. Doing the calibration and set-up for the BSI I discovered that I can set the red led to light on one end of the pot, and have the green led light at one end of the pot, but they don't change, or go on and off with voltage change the way they are supposed to.
I looked in the manual and find that on page 19 where the schematic is supposed to be, it is blank. And there is no voltage charts or any troubleshooting help what so ever in the manual. I am very limited with test equipment, just having a DVM.
I tried sending an email to Dan Tayloe and asked for help but got no answer, and I see that Doug is out for an operation, so was wondering if anyone has any info that I could use like a schematic and or troubleshooting help. It sure would be appreciated.

73, Bill, k6mgo

4492. Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-10 19:46:30 UTC
From: fghester@...
Topic: 4492 Message: 4492

Anyone know where to order knurled thumb screws for the PFR-3 Case? And What size to order? Thanks! / Woody / WD9F

4493. Re: [pfr3_group] Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-10 20:11:39 UTC
From: ckwishmeier@...
Topic: 4492 Message: 4493

Woody,

I was able to obtain extra thumb screws from QRPkits.com, the distributor for my PFR-3A.

Keith
WA9S

-----Original Message-----
From: fghester@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Feb 10, 2015 2:46 pm
Subject: [pfr3_group] Knurled Thumb Screws for Case

Anyone know where to order knurled thumb screws for the PFR-3 Case? And What size to order?
Thanks! / Woody / WD9F

4494. Re: [pfr3_group] Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-10 21:22:51 UTC
From: Stephen Smith
Topic: 4492 Message: 4494
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

4495. Re: [pfr3_group] Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-10 21:43:45 UTC
From: Carey Magee
Topic: 4492 Message: 4495

Hi:

I took a quick look at Home Depot. I don't have my PFR3-A in front of me, but they have #4/40 knurled 1/2" screws available. Not cheap, but they have them.

Again, don't have the rig with me while I write this, so I am not sure of the length or size.

Good luck.

73,
Carey, K2RNY
Rochester New York
Grid: FN13ef

On Tue, Feb 10, 2015 at 4:22 PM, 'Stephen Smith' sigcom@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> They are supposed to available from qrpkits.com . About a year ago, I
> asked Doug to tell me the price and how to order but I've never received a
> reply. I don't know where he gets them so I'm stuck.
>
> Sorry I'm not very helpful.
>
> 73.......Steve Smith WB6TNL
>
> From: "fghester@... [pfr3_group]" <pfr3_group@yahoogroups.com>
> To: <pfr3_group@yahoogroups.com>
> Subject: [pfr3_group] Knurled Thumb Screws for Case
> Date: 10 Feb 2015 11:46:30 -0800
>
> Anyone know where to order knurled thumb screws for the PFR-3 Case? And
> What size to order? Thanks! / Woody / WD9F
>
>
>
>
>
> ---------- Forwarded message ----------
> From: "fghester@... [pfr3_group]" <pfr3_group@yahoogroups.com>
> To: <pfr3_group@yahoogroups.com>
> Cc:
> Date: 10 Feb 2015 11:46:30 -0800
> Subject: [pfr3_group] Knurled Thumb Screws for Case

>
> Anyone know where to order knurled thumb screws for the PFR-3 Case? And
> What size to order? Thanks! / Woody / WD9F
>
>

4496. RE: [pfr3_group] Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-10 22:58:30 UTC
From: Dale Putnam
Topic: 4492 Message: 4496

I had the in stock, red, black, yellow.. I need to reorder to build more.
will do asap.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Tue, 10 Feb 2015 16:43:45 -0500
Subject: Re: [pfr3_group] Knurled Thumb Screws for Case

Hi:
I took a quick look at Home Depot. I don't have my PFR3-A in front of me, but they have #4/40 knurled 1/2" screws available. Not cheap, but they have them.
Again, don't have the rig with me while I write this, so I am not sure of the length or size.
Good luck.73,
Carey, K2RNY
Rochester New York
Grid: FN13ef

On Tue, Feb 10, 2015 at 4:22 PM, 'Stephen Smith' sigcom@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

They are supposed to available from qrpkits.com . About a year ago, I asked Doug to tell me the price and how to order but I've never received a reply. I don't know where he gets them so I'm stuck.

Sorry I'm not very helpful.

73.......Steve Smith WB6TNL

From: "fghester@... [pfr3_group]" <pfr3_group@yahoogroups.com>

To: <pfr3_group@yahoogroups.com>

Subject: [pfr3_group] Knurled Thumb Screws for Case

Date: 10 Feb 2015 11:46:30 -0800

Anyone know where to order knurled thumb screws for the PFR-3 Case? And What size to order? Thanks! / Woody / WD9F

---------- Forwarded message ----------
From: "fghester@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: <pfr3_group@yahoogroups.com>

Cc:
Date: 10 Feb 2015 11:46:30 -0800
Subject: [pfr3_group] Knurled Thumb Screws for Case

Anyone know where to order knurled thumb screws for the PFR-3 Case? And What size to order?
Thanks! / Woody / WD9F

4497. Re: Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-11 01:05:42 UTC
From: wb8yyy@...
Topic: 4492 Message: 4497

Are these now stock with the kit? I bought an early kit without them, but Doug later offered them for cost of postage. Maybe mailing a couple dollars and requesting four of these screws might work, if they arent stocked at local hardware store. They are handy to users of internal batteries.

One other item is I found a small padded lunch cooler to be the perfect carrying case, but don't ask me where to get them as mine was a work freebee. It has just enough room for the pfr3 and some headphones.

73 curt

4498. Re: [pfr3_group] Re: Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-11 01:16:15 UTC
From: beargyrils@...
Topic: 4492 Message: 4498

Hey guys,
I did a search and found many places selling the 4/40 crews.
I picked up a box of a 100 count from ACE hardware
Problem is their buried in one of 3 boxes loaded with parts
Check out Amazion.com.

BOB AF2Q
_http://www.amazon.com/s/ref=sr_pg_2?rh=i%3Aaps%2Ck%3Asmall+4%2F40+knurled+s
crews&page=2&keywords=small+4%2F40+knurled+screws&ie=UTF8&qid=1423617199_
(http://www.amazon.com/s/ref=sr_pg_2?rh=i:aps,k:small+4/40+knurled+screws&page
=2&keywords=small+4/40+knurled+screws&ie=UTF8&qid=1423617199)
In a message dated 2/10/2015 5:05:45 P.M. Pacific Standard Time,
pfr3_group@yahoogroups.com writes:

Are these now stock with the kit? I bought an early kit without them, but
Doug later offered them for cost of postage. Maybe mailing a couple
dollars and requesting four of these screws might work, if they arent stocked
at local hardware store. They are handy to users of internal batteries.

4499. Re: [pfr3_group] Re: Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-11 02:18:39 UTC
From: Stephen Smith
Topic: 4492 Message: 4499

Curt,

To the best of my knowledge, they are now 'standard equipment' on the PFR-3A.

73.......Steve Smith WB6TNL

Please note: message attached

From: "wb8yyy@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Re: Knurled Thumb Screws for Case
Date: 10 Feb 2015 17:05:42 -0800

Are these now stock with the kit?

4501. RE: [pfr3_group] Re: Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-12 16:31:17 UTC
From: Dale Putnam
Topic: 4492 Message: 4501

I have the knurled Thumb screws for the PFR3, in black or red....
4-40 x 5/16
I'll ship them first class for .75 each.
please indicate color when ordering,
paypal, check, mo, or discuss it.

Have a great day,

--... ...--
Dale - WC7S in Wy

4502. Re: [pfr3_group] Re: Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-12 19:21:17 UTC
From: bill MacKay
Topic: 4492 Message: 4502

Put me down for a set in black Dale. Bill N8fox

On Thursday, February 12, 2015 11:31 AM, "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:

I have the knurled Thumb screws for the PFR3, in black or red....
4-40 x 5/16
I'll ship them first class for .75 each.
please indicate color when ordering,
paypal, check, mo, or discuss it.

Have a great day,

--... ...--
Dale - WC7S in Wy

4503. RE: [pfr3_group] Re: Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-12 20:33:29 UTC
From: Dale Putnam
Topic: 4492 Message: 4503

How many is in your set, Bill... with or without the paddle?
and what's your address?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Thu, 12 Feb 2015 11:21:17 -0800
Subject: Re: [pfr3_group] Re: Knurled Thumb Screws for Case

Put me down for a set in black Dale. Bill N8fox

On Thursday, February 12, 2015 11:31 AM, "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:

I have the knurled Thumb screws for the PFR3, in black or red.... 4-40 x 5/16 I'll ship them first class for .75 each. please indicate color when ordering,paypal, check, mo, or discuss it.Have a great day, --... ...--
Dale - WC7S in Wy

4504. Re: [pfr3_group] Re: Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-13 16:18:25 UTC
From: bill MacKay
Topic: 4492 Message: 4504

Dale I will take six of them please. If you have the original paddle I will take one of them also Hi Hi Bill ADR Good QRZ etc but here it is William T. MacKay 1368 Bent Tree Court, Hudsonville, Mi 49426 and thank you

On Thursday, February 12, 2015 3:33 PM, "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:

How many is in your set, Bill... with or without the paddle?
and what's your address?

Have a great day,

--... ...--
Dale - WC7S in Wy

_____
To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Thu, 12 Feb 2015 11:21:17 -0800
Subject: Re: [pfr3_group] Re: Knurled Thumb Screws for Case

Put me down for a set in black Dale. Bill N8fox

On Thursday, February 12, 2015 11:31 AM, "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:

I have the knurled Thumb screws for the PFR3, in black or red....
4-40 x 5/16
I'll ship them first class for .75 each.
please indicate color when ordering,
paypal, check, mo, or discuss it.

Have a great day,

--... ...--
Dale - WC7S in Wy

4505. RE: [pfr3_group] Re: Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-13 16:23:28 UTC
From: Dale Putnam
Topic: 4492 Message: 4505

Hi Bill,
What color? Red or Black? I don't have a paddle spare, but I sure will watch..
Have seen the "mount on the PFR3 style of bulldog paddle" too.
but they are about $20...

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Fri, 13 Feb 2015 08:18:25 -0800
Subject: Re: [pfr3_group] Re: Knurled Thumb Screws for Case

Dale I will take six of them please. If you have the original paddle I will take one of them also Hi Hi Bill ADR Good QRZ etc but here it is William T. MacKay 1368 Bent Tree Court, Hudsonville, Mi 49426 and thank you

On Thursday, February 12, 2015 3:33 PM, "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:

How many is in your set, Bill... with or without the paddle?and what's your address?Have a great day, --... ...--
Dale - WC7S in Wy To: pfr3_group@yahoogroups.comFrom: pfr3_group@yahoogroups.comDate: Thu, 12 Feb 2015 11:21:17 -0800Subject: Re: [pfr3_group] Re: Knurled Thumb Screws for Case

Put me down for a set in black Dale. Bill N8fox On Thursday, February 12, 2015 11:31 AM, "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:

I have the knurled Thumb screws for the PFR3, in black or red.... 4-40 x 5/16 I'll ship them first class for .75 each. please indicate color when ordering,paypal, check, mo, or discuss it.Have a great day, --... ...--
Dale - WC7S in Wy

4506. Re: [pfr3_group] Re: Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-13 16:43:27 UTC
From: bill MacKay
Topic: 4492 Message: 4506

Color Black please Bill

On Friday, February 13, 2015 11:18 AM, bill MacKay <n8fox@...> wrote:

Dale I will take six of them please. If you have the original paddle I will take one of them also Hi Hi Bill ADR Good QRZ etc but here it is William T. MacKay 1368 Bent Tree Court, Hudsonville, Mi 49426 and thank you

On Thursday, February 12, 2015 3:33 PM, "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:

How many is in your set, Bill... with or without the paddle?
and what's your address?

Have a great day,

--... ...--
Dale - WC7S in Wy

_____
To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Thu, 12 Feb 2015 11:21:17 -0800
Subject: Re: [pfr3_group] Re: Knurled Thumb Screws for Case

Put me down for a set in black Dale. Bill N8fox

On Thursday, February 12, 2015 11:31 AM, "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com> wrote:

I have the knurled Thumb screws for the PFR3, in black or red....
4-40 x 5/16
I'll ship them first class for .75 each.
please indicate color when ordering,
paypal, check, mo, or discuss it.

Have a great day,

--... ...--
Dale - WC7S in Wy

4507. RE: [pfr3_group] Knurled Thumb Screws for Case

Yahoo group: pfr3_group
Date: 2015-02-25 01:43:47 UTC
From: Dale Putnam
Topic: 4492 Message: 4507

I have the 4-40 knurled thumb screws now with yellow, red, or black hats.
75 cent each. shipped first class. IF you want 8 or more, I'll pay shipping.

PayPal is great, check or mo.... please advise color desired.

Thank you.!
Have a great day,

--... ...--
Dale - WC7S in Wy

4508. FS: PFR-3A

Yahoo group: pfr3_group
Date: 2015-03-06 05:15:26 UTC
From: Trung Nguyen
Topic: 4508 Message: 4508

Hi all:
I have a PFR-3A for sale. It's in an excellent condition. It was built by
Dale WC7S few years ago.
If you are interested please respond offline. Thank you for the bandwidth.
Trung - W6TN
Sent from my OnePlus One

4509. [pfr3_group] FS: PFR-3A

Yahoo group: pfr3_group
Date: 2015-03-06 05:20:47 UTC
From: beargyrils@...
Topic: 4508 Message: 4509

How Much for the Rig? Bob AF2Q
Wilderness Elite Search & Rescue,Severe Weather,Swift Water Pet Rescue

4510. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-03-22 21:20:46 UTC
From: pfr3_group@yahoogroups.com
Topic: 123 Message: 4510

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /pfr3a_a.asm
Uploaded by : hr_4325 <k6bs@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/pfr3_group/files/pfr3a_a.asm

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

hr_4325 <k6bs@...>

4511. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-03-22 21:22:19 UTC
From: pfr3_group@yahoogroups.com
Topic: 123 Message: 4511

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /PFR firmware files/pfr3a_a.asm
Uploaded by : hr_4325 <k6bs@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/pfr3_group/files/PFR%20firmware%20files/pfr3a_a.asm

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

hr_4325 <k6bs@...>

4512. Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2015-03-22 21:31:10 UTC
From: k6bs@...
Topic: 4512 Message: 4512

Many of you have experienced sudden band hopping while tuning your PFR3A.
This was the only bug that was interfering with my pleasure of operating such a nice rig.
I was able to track down the cause in the firmware and was able to fix it by adding only two
new instructions. I just posted the updated source code (pfr3a_a.asm) and the hex file for loading into
a programmer (pfr3a_a.hex) in the firmware folder.

I hope you can try this and give me any feedback that you would like.

best regards..... Harlan, K6BS

4513. Coax switch explanation file

Yahoo group: pfr3_group
Date: 2015-03-28 15:59:33 UTC
From: Dwayne Geary
Topic: 4513 Message: 4513

Sent from Yahoo Mail for iPad (https://overview.mail.yahoo.com?.src=iOS)

The other day I found a file with a explanation of this switch . It was done in 4 parts know I can't find it can anyone help me
Thanks

--... ...-- dwayne kc2vrw now kx2mlk

4514. Re: [pfr3_group] Coax switch explanation file

Yahoo group: pfr3_group
Date: 2015-03-29 10:36:57 UTC
From: André COSNEFROY
Topic: 4513 Message: 4514
Attachments: 1 described; binary payloads are missing from this source WARC

Le 28/03/2015 16:59, Dwayne Geary kc2vrw@... [pfr3_group] a ?crit :

To find it, go to :

https://groups.yahoo.com/neo/groups/pfr3_group/files

Antenna switch.pdf by SQ1RES

Best 73 de Andre, F5TBL

Sent from Yahoo Mail for iPad <https://overview.mail.yahoo.com?.src=iOS>

The other day I found a file with a explanation of this switch . It was
done in 4 parts know I can't find it can anyone help me
Thanks

--... ...-- dwayne kc2vrw now kx2mlk
>
>
>
>
> Aucun virus trouv? dans ce message.
> Analyse effectu?e par AVG - www.avg.fr <http://www.avg.fr>
> Version: 2015.0.5751 / Base de donn?es virale: 4315/9407 - Date:
> 29/03/2015
>

4515. Re: [pfr3_group] Coax switch explanation file [1 Attachment]

Yahoo group: pfr3_group
Date: 2015-03-29 12:37:45 UTC
From: Dwayne Geary
Topic: 4513 Message: 4515

Thanks I have

--... ...-- kc2vrw / now k2mlk new york

Sent from Yahoo Mail for iPad (https://overview.mail.yahoo.com?.src=iOS)

At Mar 29, 2015, 6:37:19 AM, André COSNEFROY cosnefroy.andre@... [pfr3_group]<'pfr3_group@yahoogroups.com'> wrote:

[Attachment(s) from =?windows-1252?Q?Andr=E9_COSNEFROY?= included below]

Le 28/03/2015 16:59, Dwayne Geary kc2vrw@... [pfr3_group] a écrit :

To find it, go to :

https://groups.yahoo.com/neo/groups/pfr3_group/files

Antenna switch.pdf by SQ1RES

Best 73 de Andre, F5TBL

Sent from Yahoo Mail for iPad (https://overview.mail.yahoo.com?.src=iOS)

The other day I found a file with a explanation of this switch . It was done in 4 parts know I can't find it can anyone help me

Thanks

--... ...-- dwayne kc2vrw now kx2mlk

Aucun virus trouvé dans ce message.
Analyse effectuée par AVG - www.avg.fr (http://www.avg.fr)
Version: 2015.0.5751 / Base de données virale: 4315/9407 - Date: 29/03/2015

4516. Re: [pfr3_group] Coax switch explanation file

Yahoo group: pfr3_group
Date: 2015-03-29 14:02:17 UTC
From: John Overbaugh
Topic: 4513 Message: 4516

If I may, a quick follow up. The other day I had my budipole up, albeit not well dialed in for any particular frequency. Hooked it up to my PFR and scanned each band--nothing at all. While on my 817 I could here one or two faint signals, the budipole was basically silent. I'm thinking that is because I didn't have the switches set up right...

Would the budipole be considered a resonant, or non-resonant, antenna? Would that change if it had been dialed in correctly?

On Sunday, March 29, 2015, Dwayne Geary kc2vrw@yahoo.com [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Thanks I have
>
> --... ...-- kc2vrw / now k2mlk new york
>
>
>
>
>
>
> Sent from Yahoo Mail for iPad <https://overview.mail.yahoo.com?.src=iOS>
>
> At Mar 29, 2015, 6:37:19 AM, André COSNEFROY cosnefroy.andre@...
> <javascript:_e(%7B%7D,'cvml','cosnefroy.andre@...');> [pfr3_group]
> pfr3_group@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','pfr3_group@yahoogroups.com');>'> wrote:
> [Attachment(s) <#14c658c84af8be88_TopText> from
> =?windows-1252?Q?Andr=E9_COSNEFROY?= included below]
>
> Le 28/03/2015 16:59, Dwayne Geary kc2vrw@... [pfr3_group] a écrit :
>
> To find it, go to :
>
> https://groups.yahoo.com/neo/groups/pfr3_group/files
>
> Antenna switch.pdf by SQ1RES
>
> Best 73 de Andre, F5TBL
>
>
> Sent from Yahoo Mail for iPad <https://overview.mail.yahoo.com?.src=iOS>
>
> The other day I found a file with a explanation of this switch . It was
> done in 4 parts know I can't find it can anyone help me

> Thanks
>
> --... ...-- dwayne kc2vrw now kx2mlk
>
>
> Aucun virus trouvé dans ce message.
> Analyse effectuée par AVG - www.avg.fr
> Version: 2015.0.5751 / Base de données virale: 4315/9407 - Date: 29/03/2015
>
>
>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4517. PFR3 intput to PA

Yahoo group: pfr3_group
Date: 2015-04-11 12:55:38 UTC
From: Stephen Havriliak
Topic: 4517 Message: 4517

Hello Group,
Has anyone used the PFR3 as an input to a rf power amplifier? In particular I was wondering about the 50 Watt PA described in the link below. I would be interested in hearing about your thoughts and experiences.

Steve, KC3ANQ

Simple Cheap 50W PA - A homebrew IRF510 RF Amplifier

| |
| | | | | | | |
| Simple Cheap 50W PA - A homebrew IRF510 RF AmplifierI am a hobby electronics engineer and scientist. I built circuits and research ideas for the sheer joy of it. I hope others will be inspired too. |
| |
| View on www.g0kla.com | Preview by Yahoo |
| |
| |

4518. Re: PFR3 intput to PA

Yahoo group: pfr3_group
Date: 2015-04-15 17:03:51 UTC
From: wb8yyy@...
Topic: 4517 Message: 4518

Well sounds like no one has admitting they have made their PFR3 more QRO. I confess that seeing I have higher power rigs in the shack, the compulsion to build a small amp for a QRP rig is a bit less. The main aspects of a useful amplifier are to work with the PFR-3's available transmit drive to make more watts, and provide a path around the amplifier on receive (that might require a control signal from the PFR-3 to operate the external amplfier, or a power sensor within the amplifier to engage TR).

How high to go in power requires a little risk management. 50 watts may result in those loud gunshot-like sounds in destroying a few devices (??) while a bit less power should be easier. NM0S has a nice article in QST on a modest power amplifier. In the past I had seen some kitted amplifiers, so you might research this to see what currently may be available - or decide to go the homebrew route. Sometimes these higher power amplifiers use high voltage power supplies to reduce the complexity of the PA output network -- this might be worth exploring as well. Note that a 25 watt amplifier would be just one S-unit lower than the modern 100w typical rigs, so it is a worthwhile consideration.

73 Curt

4519. PFR3 MODIFICATIONS

Yahoo group: pfr3_group
Date: 2015-04-16 10:34:31 UTC
From: rkavampsev@...
Topic: 4519 Message: 4519

Hi all Im uploading some modifications that i have mede to my PFR3, the original article is in the GQRP magazine SPRAT current edition .
Below is the text for the ccirciut mods but the whole lot will be put in the file sections.
cheers all and enjoy .
Roy
GM4VKI

HENDRICK PFR3 RECEIVER MODS

I seem to have a attraction to PFR'3s don't ask me why, but having built and then sold on two already when another came up for sale on our Favorite Auction site in an unfinished, un-working state, I just couldn't miss it. It was bought at a ridiculously cheap price and duly arrived in the post. I was delighted to see that unfinished was in fact "it didn't have the case on" however the board was populated complete but not working. The board itself is well designed and the hard to fit SMD devices are already pre-soldered onto the board so I was pretty confident that they were all ok. Quite a lot of dry joints later and an SL612 replaced brought the RX to life, the TX once again a few dry joints and bad soldering made this part function. So now having a working PFR3 how could I break it !!!.
Well first of all my favourite band was 40 and I do like to listen to SSB as well when portable. But the I.F. and Audio bandwidth is tailored for a 300HZ bandwidth specifically for CW reception. One "Field Friendly Radio" I have always fancied is the KX1 and so as the two ccts are very similar I decided to modify the PFR3 RX. In line with the KX1.
The first mod was to copy the idea of a variable Xtal Filter and so having purchased a selection of varicaps from GQRP Sales MV109 and MV209, I set to to butcher the PFR3.
First of all build a small 5.1 volt regulated supply using a 1k resistor and a 5.1 volt zener across the i/c 12 v supply to give a stable supply voltage to pull the varicaps with. Call this supply A+
See fig1

XTAL FILTER MOD.
Remove or don't install C8,C9,C10. then build up piggy back type construction on the underside of the board by doubling up 2 x 100pf capacitors and wiring in series with a MV109 to replace C8, C9, C10. feed each MV109 through a 100k resistor and then feed all three 100k resistors from a 100k pot from a 5.1 v zenered supply with a 0.01uf across the pot output. As per the circuit diagram and photo. Fig2
BFO MOD
Like the xtal filter mod, C16 is removed or not fitted and a MV209 is placed across C16 fed by a 100k resistor from the centre of a 100K pot
See fig3

AUDIO MOD
This mod widens the audio bandpass so SSB signal can be heard. Remove or do not fit C21 fit one lead of, or unsolder one lead or C21 from the output side of V3A Pin 1 and between the output and the free end of C22 fit a 10k pot . see fig 4.
RF AMP MOD.to increase the gain on RX I tried to fit a FET (2N3819) between the top of L1 and C4. this did infact increase the gain so much that instability crept in so further work

is required here. See fig 5
The three pots were mounted on a small shelf made out of PCB board with a ribbon cable slotted through the PFR3 main board.
Was it worth it. Well I personally think I have a more flexible radio and easier to tune and listen to.
Have fun
Cheers
Roy
GM4VKI

4520. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-04-16 10:36:01 UTC
From: pfr3_group@yahoogroups.com
Topic: 123 Message: 4520

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /HENDRICK PFR3 RECEIVER MODS.doc
Uploaded by : merlinrail <rkavampsev@...>
Description : description text file

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/pfr3_group/files/HENDRICK%20PFR3%20RECEIVER%20MODS.doc

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

merlinrail <rkavampsev@...>

4521. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-04-16 10:36:46 UTC
From: pfr3_group@yahoogroups.com
Topic: 123 Message: 4521

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /hendricks PFR3 cct figures 1-5 pdf.pdf
Uploaded by : merlinrail <rkavampsev@...>
Description : cct diagrams

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/pfr3_group/files/hendricks%20PFR3%20cct%20figures%201-5%20pdf.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

merlinrail <rkavampsev@...>

4522. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-05-17 21:12:00 UTC
From: pfr3_group@yahoogroups.com
Topic: 123 Message: 4522

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /PFR firmware files/pfr3a_b.asm
Uploaded by : radio_k6bs <k6bs@...>
Description : Correction to pfr3a_a to fix frequency hopping problem

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/pfr3_group/files/PFR%20firmware%20files/pfr3a_b.asm

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

radio_k6bs <k6bs@...>

4523. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-05-17 21:12:29 UTC
From: pfr3_group@yahoogroups.com
Topic: 123 Message: 4523

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /PFR firmware files/pfr3a_b.hex
Uploaded by : radio_k6bs <k6bs@...>
Description : Correction to pfr3a_a to fix frequency hopping problem

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/pfr3_group/files/PFR%20firmware%20files/pfr3a_b.hex

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

radio_k6bs <k6bs@...>

4524. Re: Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2015-05-17 23:06:52 UTC
From: k6bs@...
Topic: 4512 Message: 4524

All: I just uploaded a new version of the pfr3a firmware. I realized yesterday that the pfr3a_a version, which was to fix the frequency hopping problem, was not the final one, so it had bugs that disabled the reading of the EEPROM. The new version was uploaded today to the final version -- pfr3a_b.
I appologize to anyone who programmed the pfr3a_a version and had difficulties. Please report any problems ASAP. Best regards,
--- Harlan, K6BS --

4525. Re: Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2015-05-18 03:59:41 UTC
From: jg3mvg@...
Topic: 4512 Message: 4525

Harlan;

Thanks nice program for freq. hopping issue. I would like to use this firmware. Unfortunately. I have no tools. Could you teach me recommended tools (H/W and S/W) ? My PC is Windows XP pro and USB communication port.

Regards.

Kumekazu Inoue JG3MVG

4526. Re: Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2015-05-19 04:40:35 UTC
From: k6bs@...
Topic: 4512 Message: 4526

Hello, Inoue-san:
I will be glad to help you with the programming information, but please give me a few days. I usually use a Linux computer with a serial RS-232 port for programming, so I will have to research all of the steps required for the Windows PC.

I am just now trying out a USB interface using a Windows 8.1 laptop, however, I also have a Windows xP desktop which should match your configuration. Once I have the details worked out, I will write them up and send them to you.

Basically you will need an Arduino Uno board (basic, R2, or R3 will work). You will have to download the Arduino software from www.arduino.cc http://www.arduino.cc (This is free). You will also have to build up a small programmer board to plug the microcontroller into, because the PFR3A does not have the connector necessary to program the microcontroller on board. The programmer board is very simple and needs only a few parts. I will give you the details for this. The purpose of the Arduino Uno is to interface between the USB port on the PC and the programmer board. The software application for this interface is provided in the Arduino software package.

best regards... Harlan, K6BS

---In pfr3_group@yahoogroups.com, <jg3mvg@...> wrote :

Harlan;

Thanks nice program for freq. hopping issue. I would like to use this firmware. Unfortunately. I have no tools. Could you teach me recommended tools (H/W and S/W) ? My PC is Windows XP pro and USB communication port.

Regards.

Kumekazu Inoue JG3MVG

4527. Re: Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2015-05-19 17:09:55 UTC
From: K2QPN@...
Topic: 4512 Message: 4527

Is this firmware fix applicable to the original PFR3?

Keep the group update de about what is needed to flash the microprocessor. I tried to flash my ATS4 without success. Any idea of if the Arduino flasher would work?

73, Bob K2QPN

4528. Re: [pfr3_group] Re: Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2015-05-19 19:48:39 UTC
From: Harlan Rogers
Topic: 4512 Message: 4528

Hello, Bob
I don't have a PFR3, but if you are having a similar problem with the frequency suddenly hopping when you are tuning, then it probably is from the same cause.
I could look at the code and make the same fix to the *PFR3.asm *source code and put out a *pfr3_beta.hex* file for you or someone else to try out.

Because of the interest level I am seeing, I think I will post my programmer info on the pfr3_group site for all to use; however, It will take a little while for me to gather the info and write it in a clear way.

regards...Harlan, K6BS

On 05/19/2015 10:09 AM, K2QPN@... [pfr3_group] wrote:
>
>
> Is this firmware fix applicable to the original PFR3?
>
>
> Keep the group update de about what is needed to flash the
> microprocessor. I tried to flash my ATS4 without success. Any idea of
> if the Arduino flasher would work?
>
> 73, Bob K2QPN
>

4529. Re: Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2015-05-19 23:07:29 UTC
From: jg3mvg@...
Topic: 4512 Message: 4529

Hi Harlan-san;

Thanks, yes please advice to how to write it. I will order Arduino UNO R3 and get software. Also I try to assemble I/F when you teach me.

Regards.

Kumekazu Inoue JG3MVG

4530. Re: [pfr3_group] Re: Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2015-05-20 16:52:13 UTC
From: k6bs@...
Topic: 4512 Message: 4530

Hello, Bob, I looked over the code for the PFR3. It is quite different than the PFR3A, but it looks like it should not have the frequency hopping issue. It could have a bug in a different spot, however. Please confirm that your rig has this problem.

Regarding the ATS4 -- I am not familiar with this rig at all. I am not a member of the Yahoo group for this one, so I don't have access to the documentation. If you could tell me the part number of the microcontroller, I could give you an answer.

regards.... Harlan

4531. Looking for a Builder for my PFR3A kit

Yahoo group: pfr3_group
Date: 2015-05-20 20:06:33 UTC
From: ki6isq@...
Topic: 4531 Message: 4531

Hi,

I realized that if I want to use my PFR3A I am going to have to pay someone to build it. Can anyone suggest some one that I can discuss this with?

73,

Jim
ki6isq

4532. Re: Looking for a Builder for my PFR3A kit

Yahoo group: pfr3_group
Date: 2015-05-21 01:14:50 UTC
From: wb8yyy@...
Topic: 4531 Message: 4532

Jim

a few thoughts that come to mind --

(1) identifying what made you change your mind about building it? if you had not built stuff before, then building a simpler warm-up kit would give you experience and confidence.

(2) you are not far from the Norcal QRP gang - maybe someone lives close by? either to locate a builder, or bail you out if you need help.

(3) there are a few QRP builders around, and maybe one lurking here.

I don't remember anything unusual in electrical assembly. The mechanical assembly is a little involved. yes good idea to understand what you are getting into - and its a fun rig to operate at home or away someplace.

73 Curt

4533. Re: [pfr3_group] Looking for a Builder for my PFR3A kit

Yahoo group: pfr3_group
Date: 2015-05-22 13:57:43 UTC
From: ray@...
Topic: 4531 Message: 4533

Jim,
Do not deny yourself the enjoyment of the build. Build a pixie
first, then maybe another direct conversion that requires toroid
winding, do the inventory on the pfr-3 identify and understand. Do the
smoke tests, It was one of my funnest builds, a great pfr-3 group, and
the lil bugger works real well using my outbacker i am back pack
portable. the hardest part for me was decals but then again at 56 yrs
old i still git glue on the windows of model cars HI HI
73 es gl
Ray KG0V

Quoting "ki6isq@... [pfr3_group]" <pfr3_group@yahoogroups.com>:

> Hi,
>
>
> I realized that if I want to use my PFR3A I am going to have to pay
> someone to build it. Can anyone suggest some one that I can discuss
> this with?
>
>
> 73,
>
>
> Jim
> ki6isq
>

4534. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-05-22 20:26:07 UTC
From: pfr3_group@yahoogroups.com
Topic: 123 Message: 4534

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /Arduino_ISP.pdf
Uploaded by : radio_k6bs <k6bs@...>
Description : White paper that describes how to setup and use an Arduino Uno to burn a
binary firmware file into the PFR3 series of microcontrollers

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/pfr3_group/files/Arduino_ISP.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

radio_k6bs <k6bs@...>

4535. Re: New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-05-24 17:54:46 UTC
From: cosnefroy.andre@...
Topic: 123 Message: 4535

Very fine job Harlan !
- work well with arduino nano v3
- in the command line avrdude, param -c is better with avrisp than arduino.

Thanks again for the job.

73 de F5TBL, Andre

4536. Re: [pfr3_group] Re: New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-05-25 22:05:20 UTC
From: Harlan Rogers
Topic: 123 Message: 4536

Hello, Andre:
Thanks for the feedback.
Yes, avrisp or arduino can be used after the -c optiion. ? I did not see any difference in performance.
73, ?Harlan

-----Original Message-----
From: "cosnefroy.andre@... [pfr3_group]"
Sent: May 24, 2015 10:54 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: New file uploaded to pfr3_group

?

Very fine job Harlan !
- work well with arduino nano v3
- in the command line avrdude, param -c is better with avrisp than arduino.

Thanks again for the job.

73 de F5TBL, Andre

4537. Re: [pfr3_group] Re: New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-05-26 19:31:40 UTC
From: cosnefroy.andre@...
Topic: 123 Message: 4537

Hello Harlan, my conf is Windows Vista and Arduino 1.6.4. The command line with " -c arduino " don't work.
I have erased only the flash memory and reprogram it. The fuses wasn't erased and they was : hfuse :0x01 efuse : 0xDC and lfuse 0x02. i have leave them in their original state and PFR3a work well. (see your white paper for values of fuses). For the programing method, a good paper :http://rogerclark.net/updating-firmware-on-usbap-bouyght-from-ebay/
thanks again.
73, André

4538. Re: [pfr3_group] Re: Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2015-05-26 19:39:38 UTC
From: Steven Weber
Topic: 4512 Message: 4538

Is this firmware fix applicable to the original PFR3?

Yes and no. The fix is applicable, but the complete firmware for the "A" is not. In the original PFR the mute is active low while in the A it is active high. Also the wiring of the LED display is different so all the display look up tables have to be changed. I think some port functions got moved around too.

The ATS4 uses a different processor then the PFR rigs so it needs a different programmer.

Steve KD1JV

Keep the group update de about what is needed to flash the microprocessor. I tried to flash my ATS4 without success. Any idea of if the Arduino flasher would work?

73, Bob K2QPN

4539. Re: [pfr3_group] Re: New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-05-26 20:07:25 UTC
From: Stephen Smith
Topic: 123 Message: 4539

The correct URL is:
<http://www.rogerclark.net/updating-firmware-on-usbasp-bought-from-ebay/>

From: "cosnefroy.andre@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: <pfr3_group@yahoogroups.com>
Subject: Re: [pfr3_group] Re: New file uploaded to pfr3_group
Date: 26 May 2015 12:31:40 -0700

"For the programing method, a good paper
:http://rogerclark.net/updating-firmware-on-usbap-bouyght-from-ebay/"

_____
The #1 Worst Carb Ever?
Click to Learn #1 Carb that Kills Your Blood Sugar (Don't Eat This!)
http://thirdpartyoffers.juno.com/TGL3141/5564d2a9ad9ba52a96422st04vuc

4540. Re: [pfr3_group] Re: New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-05-26 22:15:26 UTC
From: Harlan Rogers
Topic: 123 Message: 4540

Thanks, Steve and Andre

That is a good reference.

One thing I failed to mention in my writeup is that the avrdude.conf (configuration) file must be available to avrdude.exe. If avrdude cannot find the conf file you will get an error "can't open config file". I have the conf file in the same directory as the exe file, so I don't need the -C option to be specified.

--- Harlan ---

On 05/26/2015 01:07 PM, 'Stephen Smith' sigcom@... [pfr3_group] wrote:
> The correct URL is:
<http://www.rogerclark.net/updating-firmware-on-usbasp-bought-from-ebay/>
>
>
> From: "cosnefroy.andre@... [pfr3_group]" <pfr3_group@yahoogroups.com>
> To: <pfr3_group@yahoogroups.com>
> Subject: Re: [pfr3_group] Re: New file uploaded to pfr3_group
> Date: 26 May 2015 12:31:40 -0700
>
> "For the programing method, a good paper
:http://rogerclark.net/updating-firmware-on-usbap-bouyght-from-ebay/"
> _____
> The #1 Worst Carb Ever?
> Click to Learn #1 Carb that Kills Your Blood Sugar (Don't Eat This!)
> http://thirdpartyoffers.juno.com/TGL3141/5564d2a9ad9ba52a96422st04vuc
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> Yahoo Groups Links
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4541. Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2015-05-28 15:30:51 UTC
From: cpa2000@...
Topic: 3981 Message: 4541

I'd like to buy one of these.

QRP Kits shows them as not available so I'll ask here if anyone has one for sale.

Terry
W8EJO

4542. Re: Anyone have a PFR-3 for sale?

Yahoo group: pfr3_group
Date: 2015-05-28 17:23:36 UTC
From: n8fox@...
Topic: 3981 Message: 4542

I would consider parting with mine Bill N8fox pse call 616 667 3205 only tnx

4543. Re: [pfr3_group] Re: New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-05-29 10:49:18 UTC
From: jg3mvg@...
Topic: 123 Message: 4543

Hi Harlan-san and all;

Today, My PFR-3 got a new firmware (pfr3a_b.hex) by Harlan’s advice.
I had freq. hopping problem in tune and RIT.

I use RIT when it’s hopping and lost signal. Now new firmware fixed this issue.

Thank you very much for your all help !!

Kumekazu Inoue JAPAN
JG3MVG

4544. Re: [pfr3_group] Re: New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2015-05-29 20:59:32 UTC
From: Harlan Rogers
Topic: 123 Message: 4544

You are welcome, Inoue-san.

-----Original Message-----
From: "jg3mvg@... [pfr3_group]"
Sent: May 29, 2015 3:49 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: New file uploaded to pfr3_group

?

Hi Harlan-san and all;

Today, My PFR-3 got a new firmware (pfr3a_b.hex) by Harlan’s advice.

I had freq. hopping problem in tune and RIT.

?I use RIT when it’s hopping and lost signal. Now new firmware fixed this issue.

Thank you very much for your all help !!

Kumekazu Inoue JAPAN

JG3MVG

4545. Not receiving any group up dates

Yahoo group: pfr3_group
Date: 2015-06-16 23:55:13 UTC
From: kc2vrw@...
Topic: 4545 Message: 4545

is there a problem I have not received any group updates since 5/29

4546. Re: [pfr3_group] Not receiving any group up dates

Yahoo group: pfr3_group
Date: 2015-06-17 01:00:02 UTC
From: Paul Davis
Topic: 4545 Message: 4546

No problem, just quiet.

On Jun 16, 2015, at 7:55 PM, kc2vrw@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

is there a problem I have not received any group updates since 5/29

4547. Group messages not received in yahoo email

Yahoo group: pfr3_group
Date: 2015-06-17 01:56:44 UTC
From: kc2vrw@...
Topic: 4547 Message: 4547

Since 5/29 no group messages have Ben found in my yahoo email.
Today I found one in spam
Help
Dwayne k2mlk

4548. SOTA Activation Tuesday

Yahoo group: pfr3_group
Date: 2015-06-19 14:48:59 UTC
From: John Overbaugh
Topic: 4548 Message: 4548

Good morning! I will be summiting Deseret Peak Tuesday late morning MST, and operating QRP portable while activating the summit. I expect to be on 20m SSB somewhere around the QRP watering hole.

Deseret Peak has Utah's fourth highest prominence, is the tallest Peak in the Stansbury range, and has been a goal of mine for years. Later this summer, I will be activating Kings Peak, the highest peak in Utah both in terms of elevation as well as prominence.

Hope to meet you on the bands!

John O.
K7JTO

4549. RE: [pfr3_group] SOTA Activation Tuesday

Yahoo group: pfr3_group
Date: 2015-06-19 17:54:59 UTC
From: lahagar1
Topic: 4548 Message: 4549

Geesh... I don't even know where the SSB QRP watering hole is? I need to plug in a mic!
Have fun 73 Lynn NG9D . . Sent from my Verizon Wireless 4G LTE smartphone
-------- Original message --------
From: "John Overbaugh john.overbaugh@gmail.com [pfr3_group]"
Date:06/19/2015 9:48 AM (GMT-06:00)
To: "FT817@yahoogroups.com" , gorc@yahoogroups.com, pfr3_group
Subject: [pfr3_group] SOTA Activation Tuesday

Good morning! I will be summiting Deseret Peak Tuesday late morning MST, and operating QRP portable while activating the summit. I expect to be on 20m SSB somewhere around the QRP watering hole. Deseret Peak has Utah's fourth highest prominence, is the tallest Peak in the Stansbury range, and has been a goal of mine for years. Later this summer, I will be activating Kings Peak, the highest peak in Utah both in terms of elevation as well as prominence. Hope to meet you on the bands! John O. K7JTO

4550. Re: [pfr3_group] SOTA Activation Tuesday

Yahoo group: pfr3_group
Date: 2015-06-19 18:38:20 UTC
From: ckwishmeier@...
Topic: 4548 Message: 4550

Yea. Where do I plug in a mike on my PFR-3A???

Keith
WA9S

-----Original Message-----
From: lahagar1 lahagar1@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: John Overbaugh john.overbaugh@... [pfr3_group] <pfr3_group@yahoogroups.com>; FT817@yahoogroups.com <ft817@yahoogroups.com>; gorc <gorc@yahoogroups.com>
Sent: Fri, Jun 19, 2015 1:55 pm
Subject: RE: [pfr3_group] SOTA Activation Tuesday

Geesh... I don't even know where the SSB QRP watering hole is? I need to plug in a mic!
Have fun 73 Lynn NG9D . .

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------

From: "John Overbaugh john.overbaugh@... [pfr3_group]"

Date:06/19/2015 9:48 AM (GMT-06:00)

To: "FT817@yahoogroups.com" , gorc@yahoogroups.com, pfr3_group

Subject: [pfr3_group] SOTA Activation Tuesday

Good morning! I will be summiting Deseret Peak Tuesday late morning MST, and operating QRP portable while activating the summit. I expect to be on 20m SSB somewhere around the QRP watering hole.

Deseret Peak has Utah's fourth highest prominence, is the tallest Peak in the Stansbury range, and has been a goal of mine for years. Later this summer, I will be activating Kings Peak, the highest peak in Utah both in terms of elevation as well as prominence.

Hope to meet you on the bands!

John O.
K7JTO

4551. Re: [pfr3_group] SOTA Activation Tuesday

Yahoo group: pfr3_group
Date: 2015-06-19 19:56:28 UTC
From: John Overbaugh
Topic: 4548 Message: 4551

Oh snap, I'm sorry! I was thinking QRP groups not CW, guys.

Still working on learning the code, not there yet. It was my intent to pick it up this year but family, work and church have me busy.

Sorry for the noise!

4552. Re: [pfr3_group] SOTA Activation Tuesday

Yahoo group: pfr3_group
Date: 2015-06-19 20:41:37 UTC
From: Roberto Salazar
Topic: 4548 Message: 4552

Do Not worry!
Same has happened to me with CW and in the very same order!!!

72 de Roberto
YS1RS
On mission in Guinea, West Africa.

Sent from my iPad.
"Politicians are like disposable baby diapers: They must be replaced often and for the very same reasons."

> On Jun 19, 2015, at 19:56, John Overbaugh john.overbaugh@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
>
> Oh snap, I'm sorry! I was thinking QRP groups not CW, guys.
>
> Still working on learning the code, not there yet. It was my intent to pick it up this year but family, work and church have me busy.
>
> Sorry for the noise!
>
>

4553. Re: [pfr3_group] SOTA Activation Tuesday

Yahoo group: pfr3_group
Date: 2015-06-19 22:44:31 UTC
From: Michael Miller
Topic: 4548 Message: 4553

Hi John,
Listen for W4DOW and W4MVM. We are both in SW Virginia. Gud on QRZ
Good Luck !

73 de Mike. W4MVM was (dew9mvmqrp@...)
On Jun 19, 2015 11:17 AM, "John Overbaugh john.overbaugh@...
[pfr3_group]" <pfr3_group@yahoogroups.com> wrote:

>
>
> Good morning! I will be summiting Deseret Peak Tuesday late morning MST,
> and operating QRP portable while activating the summit. I expect to be on
> 20m SSB somewhere around the QRP watering hole.
>
> Deseret Peak has Utah's fourth highest prominence, is the tallest Peak in
> the Stansbury range, and has been a goal of mine for years. Later this
> summer, I will be activating Kings Peak, the highest peak in Utah both in
> terms of elevation as well as prominence.
>
> Hope to meet you on the bands!
>
> John O.
> K7JTO
>
>

4554. FOXHUNT Summer Season Opener

Yahoo group: pfr3_group
Date: 2015-07-01 00:31:32 UTC
From: Dale Putnam
Topic: 4554 Message: 4554

The Game Warden, has done due diligence... and finally buckled to extreme pressure,
has agreed to allowing the FOXHUNT to proceed this Thursday, in the 20 acre wood.
The commencement celebration will kick off at 0100z Friday morning (GMT) or 7pm MT Thursday evening,
somewhere between the two trees - 14.050 and 14.070... with two outstanding FOX to be pursued,
caught, and de-pelted. De Pelts consist of exchanging RST SPC (state, providence, or country) op name and power
all this is to be accomplished with 5watts or less. Sometimes much less... but if an insurance or LOW PWR pelt is
requested, please be use courtesy, and avoid taking FOX time when other Hounds haven't tree'd him yet.

If you want to check up the official rules.. click on -
http://www.qrpfoxhunt.org/summer_rules.htm
and when you get a chance, say thanks to the Colorado Qrp Club for all their support!!

May the Prop Princess smile upon us all!!

Have a great hunt,

--... ...--
Dale - WC7S in Wy

4555. PFR-3B now available from Qrpkits Dot Com

Yahoo group: pfr3_group
Date: 2015-07-31 19:27:18 UTC
From: Pacific Antenna
Topic: 4555 Message: 4555

We are happy to announce that starting today, July 31 we will have the new version of our portable field radio available through qrpkits.com.

Thanks to Steve Weber, the kit has been redesigned and now includes rotary encoder tuning.

The PFR-3B regular price will be $285 but through this weekend, it will be available at the special price of $275.

Thanks

James
KA5DVS
Pacific Antenna and Qrpkits Dot Com

4556. Re: [pfr3_group] PFR-3B now available from Qrpkits Dot Com

Yahoo group: pfr3_group
Date: 2015-07-31 19:58:51 UTC
From: John Mendenhall
Topic: 4555 Message: 4556

Not on current site. How does one order ? 73 John

Sent from my iPad

> On Jul 31, 2015, at 12:27, Pacific Antenna qrpkits.com@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
>
>
> We are happy to announce that starting today, July 31 we will have the new version of our portable field radio available through qrpkits.com.
>
> Thanks to Steve Weber, the kit has been redesigned and now includes rotary encoder tuning.
>
> The PFR-3B regular price will be $285 but through this weekend, it will be available at the special price of $275.
>
> Thanks
>
> James
> KA5DVS
> Pacific Antenna and Qrpkits Dot Com
>
>
>

4557. RE: [pfr3_group] PFR-3B now available from Qrpkits Dot Com

Yahoo group: pfr3_group
Date: 2015-07-31 20:01:29 UTC
From: Dale Putnam
Topic: 4555 Message: 4557

http://qrpkits.com/pfr3.html

They are certainly available, I believe.
If not please get back with me.
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Fri, 31 Jul 2015 12:58:51 -0700
Subject: Re: [pfr3_group] PFR-3B now available from Qrpkits Dot Com

Not on current site. How does one order ? 73 John

Sent from my iPad
On Jul 31, 2015, at 12:27, Pacific Antenna qrpkits.com@... [pfr3_group]
<pfr3_group@yahoogroups.com> wrote:

We are happy to announce that starting today, July 31 we will have the new version of our portable field radio available through qrpkits.com.

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Thanks

James
KA5DVS
Pacific Antenna and Qrpkits Dot Com

4558. RE: [pfr3_group] PFR-3B now available from Qrpkits Dot Com

Yahoo group: pfr3_group
Date: 2015-07-31 20:52:21 UTC
From: Dale Putnam
Topic: 4555 Message: 4558

The updated PFR-3B now contains a rotary encoder and other minor changes
to improve the performance.

Specifications:

Bands : 40 meters, 30 meters and 20 meters

Tuning range: Full band coverage

DDS VFO with 50 Hz slow tuning rate and 200 Hz fast tuning rate

Mode: CW only

Receiver MSD: 0.2 uV typical

Selectivity : 300 Hz

Four crystal IF filter and 600 Hz center frequency audio band pass filter

Receive current, no signal typical:

Active, 47 ma

Idle, 34 ma

Transmitter:

5 watts at 12 volts, all bands +/- 10%

Transmitter current: 650 ma (40M) to 740 ma (20M) typical at 5 watts

Spurs: - 50 dBc maximum, all bands

5 to 40 wpm internal B mode iambic keyer

Two (2) 63 character keyer memories.

Coax or balanced line output

Built in SWR indicator and BLT (balanced line tuner)

Size: 7.2" long, 4.2" wide, 1.5" high (less knob height)

Power supply voltage: 8 volts minimum, 12.5 volts maximum. 12 to 9 volts recommended

External power or internal battery pack

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@...m
Date: Fri, 31 Jul 2015 14:01:29 -0600
Subject: RE: [pfr3_group] PFR-3B now available from Qrpkits Dot Com

http://qrpkits.com/pfr3.html

They are certainly available, I believe.
If not please get back with me.
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Fri, 31 Jul 2015 12:58:51 -0700
Subject: Re: [pfr3_group] PFR-3B now available from Qrpkits Dot Com

Not on current site. How does one order ? 73 John

Sent from my iPad
On Jul 31, 2015, at 12:27, Pacific Antenna qrpkits.com@... [pfr3_group]
<pfr3_group@yahoogroups.com> wrote:

We are happy to announce that starting today, July 31 we will have the new version of our portable field radio available through qrpkits.com.

Thanks to Steve Weber, the kit has been redesigned and now includes rotary encoder tuning.

The PFR-3B regular price will be $285 but through this weekend, it will be available at the special price of $275.

Thanks

James
KA5DVS
Pacific Antenna and Qrpkits Dot Com

4559. Re: [pfr3_group] PFR-3B now available from Qrpkits Dot Com

Yahoo group: pfr3_group
Date: 2015-07-31 21:28:56 UTC
From: John Mendenhall
Topic: 4555 Message: 4559

Now it is shown. 73 John

Sent from my iPad

> On Jul 31, 2015, at 13:01, Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
>
>
> http://qrpkits.com/pfr3.html
>
> They are certainly available, I believe.
> If not please get back with me.
> Have a great day,
>
>
> --... ...-- Dale - WC7S in Wy
>
>
>
>
> To: pfr3_group@yahoogroups.com
> From: pfr3_group@yahoogroups.com
> Date: Fri, 31 Jul 2015 12:58:51 -0700
> Subject: Re: [pfr3_group] PFR-3B now available from Qrpkits Dot Com
>
>
>
> Not on current site. How does one order ? 73 John
>
> Sent from my iPad
>
> On Jul 31, 2015, at 12:27, Pacific Antenna qrpkits.com@gmail.com [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
>
>
>
>
>
> We are happy to announce that starting today, July 31 we will have the new version of our portable field radio available through qrpkits.com.
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> Thanks to Steve Weber, the kit has been redesigned and now includes rotary encoder tuning.
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> The PFR-3B regular price will be $285 but through this weekend, it will be available at the special price of $275.

>
> Thanks
>
> James
> KA5DVS
> Pacific Antenna and Qrpkits Dot Com
>
>
>
>
>

4560. Got a pfr-3b in the mail today...

Yahoo group: pfr3_group
Date: 2015-08-08 21:47:37 UTC
From: kg5cgn@...
Topic: 4560 Message: 4560

I got my pfr-3b in the mail today and I was delighted to see that the labeling has been done. I really wasn't looking forward to dealing with the decal labeling. It was packaged nicely and everything seems to be there. Now I can't wait to start building it after I get a good soldering iron, an oscope, etc... I'm gonna do it up right for my first real build. I've built baluns, ununs, antennas, and whatnot but never a tx/rx.

4561. Re: [pfr3_group] Got a pfr-3b in the mail today...

Yahoo group: pfr3_group
Date: 2015-08-08 23:21:47 UTC
From: Stephen Smith
Topic: 4560 Message: 4561

Sounds good. Congratulations on choosing the PFR-3B.

Yes, get a good, temperature-controlled soldering station and quality solder.

The PFR-3 (any revision) is a relatively complex kit. You can successfully assemble it if you avoid rushing the assembly and follow the written instructions -exactly-. In order to become familiar with the parts you'll be installing and the proceedures, read (and re-read) the innstructions before you start soldering things.

Don't work on it when you're not rested. If you feel fatigued during assembly push back from the bench and take a break. If there is something in the instructions you don't understand, don't guess the answer. Instead seek help here. You'll be glad you did.

Frankly, I don't think you'll absolutely need a 'scope for this particular kit but if you think you'll be doing a lot of troubleshooting or building gear from scratch then by all means, get one.

This advice is from someone who has previously made most of the mistakes that one can make when building (and repairing) radio things ;-).

Please keep us posted on your progress and best of luck w/ the 3B.

73.......Steve Smith WB6TNL

---------- Original Message ----------
From: "kg5cgn@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: <pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Got a pfr-3b in the mail today...
Date: 08 Aug 2015 14:47:37 -0700

I got my pfr-3b in the mail today and I was delighted to see that the labeling has been done. I really wasn't looking forward to dealing with the decal labeling. It was packaged nicely and everything seems to be there. Now I can't wait to start building it after I get a good soldering iron, an oscope, etc... I'm gonna do it up right for my first real build. I've built baluns, ununs, antennas, and whatnot but never a tx/rx.

Posted by: kg5cgn@...

Yahoo Groups Links

Old School Yearbook Pics
View Class Yearbooks Online Free. Search by School & Year. Look Now!
http://thirdpartyoffers.juno.com/TGL3141/55c68f2f22e68f2e0c24st02vuc

4562. Paddle for pfr

Yahoo group: pfr3_group
Date: 2015-09-15 03:05:56 UTC
From: ptptim@...
Topic: 4562 Message: 4562

Just bought a pfr3 and am excited to put it together.
Was wondering if the paddle option is still available.
I didn't see it on the web site. Also if not available
are there any alternatives available except for the obvious like bull dog ect..

Tim
WD8TD

4563. Re: [pfr3_group] Paddle for pfr

Yahoo group: pfr3_group
Date: 2015-09-15 14:31:24 UTC
From: Steven Weber
Topic: 4562 Message: 4563

The paddle is no longer available and has not been for quite a long time. It was too expensive and didn't work all that well so it was quickly discontinued.

Any paddle will work, but there are none to my knowlage which will attach directly to the case of the rig.

Steve KD1JV
Just bought a pfr3 and am excited to put it together.

Was wondering if the paddle option is still available.

I didn't see it on the web site. Also if not available

are there any alternatives available except for the obvious like bull dog ect..

Tim

WD8TD

4564. Re: [pfr3_group] Paddle for pfr

Yahoo group: pfr3_group
Date: 2015-09-15 15:10:09 UTC
From: ckwishmeier@...
Topic: 4562 Message: 4564
Attachments: 1 described; binary payloads are missing from this source WARC

Tim,

Go to the website of WB9LPU. He is the designer and builder of extremely good quality custom keys. He has a model for the PFR-3. His keys are not inexpensive, but they are worth every penny. I will try to attach photo of my PFR-3A with the paddle. have fun with your PFR-3. I built mine several years ago and it is my favorite radio.

Keith WA9S

-----Original Message-----
From: 'Steven Weber' steve.kd1jv@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Sep 15, 2015 10:31 am
Subject: Re: [pfr3_group] Paddle for pfr

☐

The paddle is no longer available and has not been for quite a long time. It was too expensive and didn't work all that well so it was quickly discontinued.

Any paddle will work, but there are none to my knowlage which will attach directly to the case of the rig.

Steve KD1JV

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Was wondering if the paddle option is still available.

I didn't see it on the web site. Also if not available

are there any alternatives available except for the obvious like bull dog ect..

Tim

WD8TD

4565. RE: [pfr3_group] Paddle for pfr [1 Attachment]

Yahoo group: pfr3_group
Date: 2015-09-15 16:14:12 UTC
From: Dale Putnam
Topic: 4562 Message: 4565

I have an original paddle for the PFR-3..
also a bulldog style...

It'll cost about 6 to ship.. what would one be worth?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Tue, 15 Sep 2015 11:10:09 -0400
Subject: Re: [pfr3_group] Paddle for pfr [1 Attachment]

[Attachment(s) from ckwishmeier@cs.com included below]

Tim,

Go to the website of WB9LPU. He is the designer and builder of extremely good quality custom keys. He has a model for the PFR-3. His keys are not inexpensive, but they are worth every penny. I will try to attach photo of my PFR-3A with the paddle. have fun with your PFR-3. I built mine several years ago and it is my favorite radio.

Keith WA9S

-----Original Message-----

From: 'Steven Weber' steve.kd1jv@gmail.com [pfr3_group] <pfr3_group@yahoogroups.com>

To: pfr3_group <pfr3_group@yahoogroups.com>

Sent: Tue, Sep 15, 2015 10:31 am

Subject: Re: [pfr3_group] Paddle for pfr

☐

The paddle is no longer available and has not been for quite a long time. It was too expensive and didn't work all that well so it was quickly discontinued.

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Tim

WD8TD

4566. Re: Paddle for pfr

Yahoo group: pfr3_group
Date: 2015-09-15 17:15:35 UTC
From: wb8yyy@...
Topic: 4562 Message: 4566

Tim

As others have shared there may not be a low cost paddle currently sold to fit onto the PFR3. How you use your PFR3 will influence whether you really 'need' such a paddle. The only read advantage to mounting a paddle on the rig is to provide 'ballast' to hold it in place -- if the paddle itself is heavy enough this need goes away. I do have a nice attachable paddle that was formerly kitted by W5JH. In your case, you might be happy with your usual paddle.

The KX1 being a bit smaller is an example of a hand-held capable CW rig. But short of a few hikers in the Pacific northwest I don't know how many of us really operate CW this way.

Enjoy your build and operating the rig.

73 Curt

4567. RE: [pfr3_group] Paddle for pfr

Yahoo group: pfr3_group
Date: 2015-09-15 19:39:56 UTC
From: bill MacKay
Topic: 4562 Message: 4567

Dale i am intrested in it. Bill N8fox----------
On Tue, 9/15/15, Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

Subject: RE: [pfr3_group] Paddle for pfr
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Date: Tuesday, September 15, 2015, 12:14 PM

I have an original paddle for the PFR-3..

also a bulldog style...

It'll cost about 6 to
ship.. what would one be worth?

Have a great day,

--... ...--
Dale - WC7S in Wy

To:
pfr3_group@yahoogroups.com
From:
pfr3_group@yahoogroups.com
Date: Tue, 15 Sep
2015 11:10:09 -0400
Subject: Re:
[pfr3_group] Paddle for pfr [1 Attachment]

[Attachment(s) from ckwishmeier@...
included below]

Tim,

Go to the website of WB9LPU. He is the designer
and builder of extremely good quality custom keys. He has a
model for the PFR-3. His keys are not inexpensive, but they
are worth every penny. I will try to attach photo of my
PFR-3A with the paddle. have fun with your PFR-3. I built
mine several years ago and it is my favorite radio.

Keith WA9S

-----Original
Message-----

From: 'Steven Weber' steve.kd1jv@...
[pfr3_group] <pfr3_group@yahoogroups.com>

To: pfr3_group <pfr3_group@yahoogroups.com>

Sent: Tue, Sep 15, 2015 10:31 am

Subject: Re: [pfr3_group] Paddle for pfr

□

The paddle is no longer
available and has not been for quite a long time. It was too
expensive and didn't work all that well so it was
quickly discontinued.

Any paddle will work, but
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the case of the rig.

Steve KD1JV

Just bought a pfr3 and am excited to put it
together.

Was wondering if the paddle option
is still available.

I didn't see it on the web site. Also if
not available

are there any alternatives available except for
the obvious like bull dog ect..

Tim

WD8TD

4568. PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-09-22 14:58:34 UTC
From: asevenson@...
Topic: 4568 Message: 4568

Received my PFR-3B kit order placed on 9/11/15 on 9/18/15 and built over the weekend.

There are a few typos in the manual but the kit went together very well. (I don't have my notes on me so can document those minor issues later)

One of the 150pf film caps (C62) leads broke away from the cap before soldered it in to the board - I replaced with a disk 150pf cap (non-npo) - This is in the 20m bandpass filter so hoping will be ok. Otherwise, I will replace with NPO / film.

Last night I started initial testing with my 12 Volt wal-wart power supply and the bnc jack temporarily wired to the coax / gnd pads on the board. Here's my initial findings:

1) TX power at 12.1 volts seems down about 1W all bands - my QRPometer showing about 3.3-3.5 Watts out and should be 4.5-5.0 W. Checked toroids and turns all seem evenly spread - Will check turn count again but I always recount about 10 times / before soldering to board, and I _always_ check continuity.

2) Side tone and RX muting using paddle all seem fine. In straight key mode though, it seems the receiver is not getting muted and the side-tone is not great - more like a chirpy buzz? Not sure what's going on here?

3) RX seems weak on all bands with RX peaking varicon seeming to have little effect on background noise. Barely could hear W1AW on 20 when my QRO rig on same antenna heard just fine. Suspecting RX inductors L13, L14 - 40 turns just barely fit on those - I checked them several times while building but maybe I missed something.

Will be going through all my work / connections and double check everything and repost what I find.

Any suggestions / advice appreciated.

Can't wait to get it finished and try it out!

Allen
AE7TG

4569. RE: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-09-22 15:19:05 UTC
From: Dale Putnam
Topic: 4568 Message: 4569

Hi Allen,
That will be a great radio, full of a lot of fun.
The issues you describe may all be related to the same fix.. poor rx, not good sidetone, low power out.. all point to tuning,
both the peak on rx.. and the power out..
Maybe the trimmers on the peaking cap... maybe the rx input coils... selected to the correct antenna port...
may get attention in the proper direction...
I have found that a turn or two more or less will bring the tx to over 6 watts out, IF all the rest is in order.. however, even then, miss-peaking or selecting the wrong antenna with the switch on the back... will bring it right down to half power and poor sidetone.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Tue, 22 Sep 2015 07:58:34 -0700
Subject: [pfr3_group] PFR-3B Build

Received my PFR-3B kit order placed on 9/11/15 on 9/18/15 and built over the weekend.

There are a few typos in the manual but the kit went together very well. (I don't have my notes on me so can document those minor issues later)

One of the 150pf film caps (C62) leads broke away from the cap before soldered it in to the board - I replaced with a disk 150pf cap (non-npo) - This is in the 20m bandpass filter so hoping will be ok. Otherwise, I will replace with NPO / film.

Last night I started initial testing with my 12 Volt wal-wart power supply and the bnc jack temporarily wired to the coax / gnd pads on the board. Here's my initial findings:

1) TX power at 12.1 volts seems down about 1W all bands - my QRPometer showing about 3.3-3.5 Watts out and should be 4.5-5.0 W. Checked toroids and turns all seem evenly spread - Will check turn count again but I always recount about 10 times / before soldering to board, and I _always_ check continuity.

2) Side tone and RX muting using paddle all seem fine. In straight key mode though, it seems the receiver is not getting muted and the side-tone is not great - more like a chirpy buzz? Not sure what's going on here?

3) RX seems weak on all bands with RX peaking varicon seeming to have little effect on background noise. Barely could hear W1AW on 20 when my QRO rig on same antenna heard just fine. Suspecting RX inductors L13, L14 - 40 turns just barely fit on those - I checked them several times while building but maybe I missed something.

Will be going through all my work / connections and double check everything and repost what I find.

Any suggestions / advice appreciated.

Can't wait to get it finished and try it out!

Allen
AE7TG

4570. RE: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-09-22 16:21:45 UTC
From: wb8yyy@...
Topic: 4568 Message: 4570

A few more thoughts --

That wal wart power supply may be the cause of poor sidetone and the low transmit power. Likely when you transmit its voltage may droop a bunch, and your sidetone is what your transmit tone sounds like with this droop. Best to use a real regulated power supply (or if your wal wart is brawny enough -- then filter and regulate it).

If your receive is a lot weak, I would look for a bad solder connection somewhere in the receive chain. For example, in this project or another one -- I had a poor solder joint on one xtal. Take time to inspect carefully. Even if all looks okay, I would gently reflow the solder joints in the receiver section.

One other thing to check first! The ATU is anything but intuitive. If you are using a known 50 ohm antenna for one of the bands -- try it into the coax jack -- and try the various switch positions -- especially the toggle switch. Check the toggle switch to see which position grounds the outside of the coax connector -- this is the one you want with a coax fed antenna that is matched. This ATU by the way works fantastic on reasonable antennas -- I myself use an off-center, twin lead fed dipole for portable operating (based upon a tip posted here - somewhere around 46 feet more or less fed about 1/3rd from center should match and radiate well on all 3 bands).

You are almost there -- a good power supply and finding the source of low receive - and you should have a rig. Ask any other questions as they come to the gang here.

73 CUL Curt

4571. RE: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-09-22 16:41:33 UTC
From: asevenson@...
Topic: 4568 Message: 4571

Hi Dale,

Thanks for the reply and advice. Note that the RX muting and side-tone seemed fine using standard 'paddle' mode. But in straight key mode (by holding DAH paddle when applying power) it seemed terrible - no other changes (that I know of) - will have to repeat the experiment again.

The rear antenna switch is not wired up yet - I'm just bench testing per the instructions at this point. The BNC connector is wired directly to the board (at the Coax and GND pads). The BFO trimmer cap is set to about mid-capacitance (1/4 turn from factory) per the notes.

I'll be rechecking everything over the next few days and hopefully find all my mistakes.

Thanks again Dale,

Allen
AE7TG

---In pfr3_group@yahoogroups.com, <daleputnam@...> wrote :

Hi Allen,
That will be a great radio, full of a lot of fun.
The issues you describe may all be related to the same fix.. poor rx, not good sidetone, low power out.. all point to tuning,
both the peak on rx.. and the power out..
Maybe the trimmers on the peaking cap... maybe the rx input coils... selected to the correct antenna port...
may get attention in the proper direction...
I have found that a turn or two more or less will bring the tx to over 6 watts out, IF all the rest is in order.. however, even then, miss-peaking or selecting the wrong antenna with the switch on the back... will bring it right down to half power and poor sidetone.

Have a great day,

--... ...-- Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Tue, 22 Sep 2015 07:58:34 -0700
Subject: [pfr3_group] PFR-3B Build

Received my PFR-3B kit order placed on 9/11/15 on 9/18/15 and built over the weekend.

There are a few typos in the manual but the kit went together very well. (I don't have my notes on me so can document those minor issues later)

One of the 150pf film caps (C62) leads broke away from the cap before soldered it in to the board - I replaced with a disk 150pf cap (non-npo) - This is in the 20m bandpass filter so

hoping will be ok. Otherwise, I will replace with NPO / film.

Last night I started initial testing with my 12 Volt wal-wart power supply and the bnc jack temporarily wired to the coax / gnd pads on the board. Here's my initial findings:

1) TX power at 12.1 volts seems down about 1W all bands - my QRPometer showing about 3.3-3.5 Watts out and should be 4.5-5.0 W. Checked toroids and turns all seem evenly spread - Will check turn count again but I always recount about 10 times / before soldering to board, and I _always_ check continuity.

2) Side tone and RX muting using paddle all seem fine. In straight key mode though, it seems the receiver is not getting muted and the side-tone is not great - more like a chirpy buzz? Not sure what's going on here?

3) RX seems weak on all bands with RX peaking varicon seeming to have little effect on background noise. Barely could hear W1AW on 20 when my QRO rig on same antenna heard just fine. Suspecting RX inductors L13, L14 - 40 turns just barely fit on those - I checked them several times while building but maybe I missed something.

Will be going through all my work / connections and double check everything and repost what I find.

Any suggestions / advice appreciated.

Can't wait to get it finished and try it out!

Allen
AE7TG

4572. RE: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-09-22 17:14:51 UTC
From: Dale Putnam
Topic: 4568 Message: 4572

Happy to help Allen,
with the peaking cap midway, the antenna switch not wired in, the slide switchs become very important to
insure they don't interfere. What you have accomplished is checking that all is "in the ball park"..
It might be better to complete the radio, but with leads long enough to work it out side of mounting it.
That will allow you to "work in it" without having to
remove/reinstall/check/diangose/remove/ cycle ..
that.. is frustrating to me. So.. a bit longer leads.. and all is well.
Good Luck, feel encouraged to ask,

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Tue, 22 Sep 2015 09:41:33 -0700
Subject: RE: [pfr3_group] PFR-3B Build

Hi Dale,

Thanks for the reply and advice. Note that the RX muting and side-tone seemed fine using standard 'paddle' mode. But in straight key mode (by holding DAH paddle when applying power) it seemed terrible - no other changes (that I know of) - will have to repeat the experiment again.
The rear antenna switch is not wired up yet - I'm just bench testing per the instructions at this point. The BNC connector is wired directly to the board (at the Coax and GND pads).
The BFO trimmer cap is set to about mid-capacitance (1/4 turn from factory) per the notes.
I'll be rechecking everything over the next few days and hopefully find all my mistakes.

Thanks again Dale,
AllenAE7TG

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Any suggestions / advice appreciated.

Can't wait to get it finished and try it out!

Allen
AE7TG

4573. RE: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-09-29 16:13:49 UTC
From: jahornby@...
Topic: 4568 Message: 4573

I'm also having an issue with the RX peaking on 20M. Cap works to peak on 30 and 40, but RX just barely starts to peak for 20M when I run out of range on the capacitor. Seems I have a lot of extra capacitor movement on the 40 end (peaks way before turning limit reached) and not enough on the 20M side. How could I shift the range of the capacitor so that I can have more peaking on 20M and less wasted space after it peaks on 40 at the other end of the capacitor range? I have confirmed that there are 40 turns on both inductors. Thanks for the help!!

4574. FW: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-09-29 17:02:08 UTC
From: Dale Putnam
Topic: 4568 Message: 4574

On the back of the tuning or peaking cap.. are two screwdriver adjustments that turn the trimmer caps, inside the cover.
They are preset to half way.. open or closed.. it may very well be better to close the trimmer.. to make the visible rotor plates cover the stator or fixed plates.. thereby making the trimmers appear to be "half moon" shape.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Tue, 29 Sep 2015 09:13:49 -0700
Subject: RE: [pfr3_group] PFR-3B Build

I'm also having an issue with the RX peaking on 20M. Cap works to peak on 30 and 40, but RX just barely starts to peak for 20M when I run out of range on the capacitor. Seems I have a lot of extra capacitor movement on the 40 end (peaks way before turning limit reached) and not enough on the 20M side. How could I shift the range of the capacitor so that I can have more peaking on 20M and less wasted space after it peaks on 40 at the other end of the capacitor range? I have confirmed that there are 40 turns on both inductors. Thanks for the help!!

4575. RE: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-09-29 17:54:45 UTC
From: wb8yyy@...
Topic: 4568 Message: 4575

JA

mine (original PFR3) behaves pretty much the same way, and I don't think its a problem.

to make the design simpler, the designer uses a simple LC filter for this function, and the preselect control allows the receiver to work well on 3 bands. I suggest that once your 20m setting reaches the edge of the control - the receiver is working just fine (meaning you can hear down to band noise). I am thinking on my PFR-3 the 40m setting might similarly be on the other edge, I honestly cannot remember.

Note that you can use this control ALSO as an RF gain control. if the receiver is ever swamped by big signal effects, you can adjust this control off the peak.

in short, I don't perceive you are losing any receive capability by this control reaching its limit. note the only way to change things is to adjust the inductance (less in this case) - but then you might miss this inductance on 40m.

enjoy your radiations.

Curt

4576. RE: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-09-29 18:19:08 UTC
From: jahornby@...
Topic: 4568 Message: 4576

Curt,
Thanks for the reply, ok I'll run it as it is for now and see how it works. It makes me feel better to know that yours runs the same. I still have to iron out some power out issues (4w 20M, 9w 30M, 4w 40M at 10.7V) but I figure that the turns need to be modified on the 30M torroids, add some turns I guess. After about 15hrs into this build I'm excited to get out and use it!! It was a good 15hrs though and I had a blast building it.

--Justin (KI4WFJ)

4577. Re: FW: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-09-29 18:27:49 UTC
From: jahornby@...
Topic: 4568 Message: 4577

Thanks Dale, I'll check on the trimmer caps. I didn't realize that there were trimmers on the varicaps.

--Justin (KI4WFJ)

4578. RE: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-09-29 20:30:01 UTC
From: wb8yyy@...
Topic: 4568 Message: 4578

Justin

4 watts at 10.7 volts sounds just fine to me. (There is actually a formula that conveys that power is proportional to the bias voltage squared). I am concerned at you getting something like 9 watts on 30m with this same voltage. more power isn't good if it leads to smoked devices.

honestly I cannot readily identify how to get this excess power -- except for a fault in the 30m matching network -- aka low pass filter. I would re-measure the power, and if its still this high -- then check the unique components to the 30m circuit that are after the PA on the schematic -- something may have a short or not be properly connected. if this power is real, you are somehow presenting a lower impedance to the final transistors -- which isn't good for their longevity.

73 Curt

4579. RE: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-09-30 12:45:04 UTC
From: jahornby@...
Topic: 4568 Message: 4579

Yeah, I figured the 4 watts was pretty much on the money and seeing the 9 watts on 30 surprised me. I dove into it last night expecting to redo the torroids for the 30m matching network (L8 & L9 in the manual). I checked the SWR/watt meter with another radio keeping the output power the same and changed between 40 and 30 meters to see if the meter was sensitive to 30m for some reason. The meter tested out okay so I tried removing 2 turns off of L8 to see what result it would yield. This happened to put the output on 30m right at 4 watts just like I was seeing on the other bands. So I ended up with 11 turns on L8 instead of the 13 listed in the manual. I also checked through the other components which I thought were part of the 30M matching network and it looked like I had everything in it's place. Tweaking the trimmers on the RX peak capacitor helped a little with the peak on 20M so I think I have all my bugs worked out with the build!! Now to get it on the air! Thanks everyone for their help!!

--Justin (KI4WFJ)

4580. RE: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-10-01 19:49:15 UTC
From: wb8yyy@...
Topic: 4568 Message: 4580

Justin

it does sound like your rig is ready for some QSOs.

I confess I am surprised by the large change in output power when reducing from 13 turns to 11. Having the same power on all 3 bands is a good sign.

be patient learning how to use the internal antenna tuner. it works nice once you get the hang of it. I don't need it on 30 or 20m, but on 40m the ability to direct enter frequency with the paddle is quite useful.

73 Curt

4581. Re: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-10-02 15:41:26 UTC
From: Steven Weber
Topic: 4568 Message: 4581

Remove 2 or 3 turns from the Rx input coils and it should peak better on 20. Looks like I need to have that changed in the build instructions.

Steve KD1JV

I'm also having an issue with the RX peaking on 20M. Cap works to peak on 30 and 40, but RX just barely starts to peak for 20M when I run out of range on the capacitor.

4582. Re: [pfr3_group] PFR-3B Build

Yahoo group: pfr3_group
Date: 2015-10-06 17:27:37 UTC
From: jahornby@...
Topic: 4568 Message: 4582

Thanks for all the replies. I've made a contact on 40, 30, and 20 so everything seems to be working. Antenna was a 60ft end fed wire with a 20 ft counterpoise. I'm getting the hang of the tuner. The best advice in the manual is the part about if it won't tune, try moving the load knob slightly off the dimmest position and then try the tune knob again. That has worked like a charm for me. I'm loving the battery life of the rig, after a few hours of use I'm still reading nearly full voltage on the internal AAs! I'll keep it on my list to remove a few turns from the RX input torroids the next time I'm in there, but it seems to be okay for the time being. Catch ya'll on the air.

--Justin (KI4WFJ)

4583. FOX: Winter Season

Yahoo group: pfr3_group
Date: 2015-10-07 19:26:51 UTC
From: Dale Putnam
Topic: 4583 Message: 4583

Alrighty !!! Be the FIRST one on the block to bring the news to your locals!! The Game Warden has smiled on us once again!!! This winter's season, announced by the committee:
Week 1 will be 40M on Tuesday
11/3 and 80M on Thursday 11/5. There will be no hunts the weeks of Thanksgiving, Christmas, and New Years, and we are shortening the season to 18 weeks instead of 20. I think that makes the last hunt will be March 24th.
Please Please gather your team lists, When you send that team list to N9AW, please also copy me. Thank you!!
Wy-Lee Fox

It isn't on the FOX Page yet.. but it will be there shortly.

Have a great day,

--... ...--
Dale - WC7S in Wy

4584. FOX: FUN, FOX apps, TEAMS

Yahoo group: pfr3_group
Date: 2015-10-08 13:23:24 UTC
From: Dale Putnam
Topic: 4584 Message: 4584

It is time.. time to consider.. the trees turning colors... the air is crisp... temps dropping..
Soon,.. we will be looking at a white field of fluffy snow.. with little tracks across it.. soft breezes gently caressing....
the icicles.
and the FOX will be hunted!

We are less than a month away from the start.. (Nov 3. on 40m, Nov. 5 on 80m) it is time to put your apps in for FOX.. and gather up a team to have a blast while hunting.
Don't wait until the last minute.. or disappointment may prevail. The last minute flies past
quickly in the sugar rush from Halloween candy.
(and your scorekeeper gets grumpy.. and NO ONE likes a grump)
Prevention is a great thing.. especially when you can have a lotta fun doing it too!!
Check out the web page.. www.qrpfoxhunt.org
check out the QFOX QRP Foxhunts on Facebook,
and don't miss the comments on the qfox reflector mail at qfox@yahoogroups.com
Y'all come
Y'hear?

Have a great day,

--... ...--
Dale - WC7S in Wy

4585. PFR-3B Straight key mode problem

Yahoo group: pfr3_group
Date: 2015-10-12 16:36:10 UTC
From: jahornby@...
Topic: 4585 Message: 4585

Hello everyone,
I was using my PFR-3B this weekend and noticed a problem when using a straight key. After transmitting with the straight key, I cannot change the frequency until I either cycle the power or cycle the band mode switch. I can move the rotary encoder and the numbers change on the display but the radio doesn't QSY. Has anyone else seen this happen?

--Justin (KI4WFJ)

4586. PFR-3B BUILD HELP

Yahoo group: pfr3_group
Date: 2015-10-17 03:48:25 UTC
From: kg5cgn@...
Topic: 4586 Message: 4586

I purchased my PFR-3B a couple months ago with the hopes of building it myself, but I shake hellaciouslly from an injury during my military career. I've built a few small rigs hoping I could tame my trembles, but those builds didnt work out so well. It sucks because I love doing things like that. I guess thems the breaks though. I'm too scared to mess up this wonderful rig. I would willingly pay someone trustworthy and experienced to build mine for me. I can't wait to get it into the field.

4587. RE: [pfr3_group] PFR-3B BUILD HELP

Yahoo group: pfr3_group
Date: 2015-10-17 15:12:50 UTC
From: Dale Putnam
Topic: 4586 Message: 4587

I would be happy to help you. I've built a number of the PFR3s. And have a couple on the bench now. They really don't take very long. If you are interested, ship it to me, I'll build it, calibrate, optimize, and spec it,With a warranty that it will perform at least as good as published specs. (many arebetter) And the warranty is good, unless you have tire tracks across it.Let me know,
Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Fri, 16 Oct 2015 20:48:25 -0700
Subject: [pfr3_group] PFR-3B BUILD HELP

I purchased my PFR-3B a couple months ago with the hopes of building it myself, but I shake hellaciouslly from an injury during my military career. I've built a few small rigs hoping I could tame my trembles, but those builds didnt work out so well. It sucks because I love doing things like that. I guess thems the breaks though. I'm too scared to mess up this wonderful rig. I would willingly pay someone trustworthy and experienced to build mine for me. I can't wait to get it into the field.

4588. Re: PFR-3B BUILD HELP

Yahoo group: pfr3_group
Date: 2015-10-17 16:00:00 UTC
From: kg5cgn@...
Topic: 4586 Message: 4588

That sounds perfect OM... If you send your info to "my call at arrl dot net" I will get it out to you next week. By the way, you have a great reputation in this community. Please send payment details as well and I'll address that upon shipment.
Thank You Very Much For Your Help!!!! I can't wait....

4589. Re: PFR-3B Straight key mode problem

Yahoo group: pfr3_group
Date: 2015-10-27 15:36:16 UTC
From: jahornby@...
Topic: 4585 Message: 4589

Just as documentation, I got a reply from James at qrpkits.com that this is a known bug in the firmware. People who are affected will be shipped a new chip programmed with the new firmware. No mention of expected date though, but I expect they are waiting on parts.

--Justin (KI4WFJ)

4590. FOX: Season Opener

Yahoo group: pfr3_group
Date: 2015-10-29 15:00:10 UTC
From: Dale Putnam
Topic: 4216 Message: 4590

The FOXHUNT SEASON opener.. will occur, with or without the cooperation of the Prop Princess, on the 3rd of Nov, local date... at 0200z or 7pm MT (after daylight savings (?) time runs out (finally)Are you ready?
Have you put in your FOX app yet? Really? Why wait.. ? Do it TODAY!click here: http://qrpfoxhunt.org/
scroll down just a bit.. then fill out both!!! Put a lotta fun into your life.. and be a FOX.
A REAL FOX.... during the fastest 90 minutes in radio ever.Doubt me? Put your app in, then check with me afterwards....

Have a great day,

--... ...--
Dale - WC7S in Wy

4592. Re: [pfr3_group] PFR-3 (difference with the PFR-3 A)

Yahoo group: pfr3_group
Date: 2015-11-06 13:30:47 UTC
From: bobzolecki@...
Topic: 4591 Message: 4592

Hi. Dani I have a PFR 3 but don't know how to tell the models or what the difference is. I think there is a new model with a tuning knob Sorry can't help more. 73 Bob KR9Z Sent from AOL Mobile Mail -----Original Message----- From: dani.ea5fv@... [pfr3_group] To: pfr3_group Sent: Fri, Nov 6, 2015 04:38 AM Subject: [pfr3_group] PFR-3 (difference with the PFR-3 A)

Hello everyone,
I'm new in this forum.
I have a PFR-3.
What is the difference with the PFR-3 A
Thank you.

73 de Dani EA5FV
www.ea5fv.es (http://www.ea5fv.es)

4593. Re: [pfr3_group] PFR-3 (difference with the PFR-3 A)

Yahoo group: pfr3_group
Date: 2015-11-06 17:14:40 UTC
From: Steven Weber
Topic: 4591 Message: 4593

There is very little difference between the PFR-3 and PFR-3A. It was mostly a change to the circuit board layout and mostly to make the BLT toroid fit better on the board.

The most significant difference between the new PFR-3B and the old PFR-3A (which is probably what Dani is actually asking about) is the "B" version has knob tuning instead of push button. There a couple of minor circuit changes - a new audio AGC circuit and a new RX input circuit which eliminated a input coupling winding which many builders had problems understanding how to wind and properly instal onto the board. Lastly, the DDS components were moved off the main board onto a "daughter board" so that it could be more easily pre-built, tested and used in other products.

And before anyone asks, no you can not modify your old -3A for rotary tuning. Adding the encoder required making a number of changes to the wiring of the processor to free up two ports for the encoder to use.

Steve KD1JV
I have a PFR-3.

What is the difference with the PFR-3 A

Thank you.

73 de Dani EA5FV

4595. Failed Final test: Help

Yahoo group: pfr3_group
Date: 2015-11-07 14:12:35 UTC
From: jon.powell.uk@...
Topic: 4595 Message: 4595

Hi,

I've hit a problem building my PFR-3 that I hope one of this group can shed some light upon:

The build has gone fine right up to final testing of TX output (page 15 of manual)

The board powers up fine, display operates correctly, band switching tuning and RIT functions all changing the display as they should. The receiver is working on all 3 bands.

The problem occurs when I hit the key (coax connected to watt meter and dummy load). There is no RF output, display shuts down and I'm getting smoke off U7. If I turn off power and then fire the board up again display returns and all appears fine, until I key the transmitter....

I've looked over all soldered joints and all appears OK.

Can anyone offer any suggestions?

73 de Jon
OK8GB / G6UDE

4596. Re: [pfr3_group] Failed Final test: Help

Yahoo group: pfr3_group
Date: 2015-11-07 16:01:44 UTC
From: Steven Weber
Topic: 4595 Message: 4596

If smoke is coming out of U7, you have a short to ground on one of the outputs or on the gates of the BS170's. Use an ohm meter. You may need to replace the 74AC02 now too.

Steve KD1JV

The problem occurs when I hit the key (coax connected to watt meter and dummy load). There is no RF output, display shuts down and I'm getting smoke off U7. If I turn off power and then fire the board up again display returns and all appears fine, until I key the transmitter....

4597. Re: [pfr3_group] Failed Final test: Help

Yahoo group: pfr3_group
Date: 2015-11-07 18:12:47 UTC
From: jon.powell.uk@...
Topic: 4595 Message: 4597

Thanks Steve,

I'll have a crawl over the board tomorrow.

Jon

OK8GB/G6UDE

4598. Re: [pfr3_group] Failed Final test: Help

Yahoo group: pfr3_group
Date: 2015-11-08 16:05:50 UTC
From: jon.powell.uk@...
Topic: 4595 Message: 4598

Steve, thanks for pointing me in what I think is the right direction.

Somehow I managed to install all 3 of the BS170s back to front.... quire a feat as the board has clearly screened outlines of the components

Replacements for all likely casualties about to go on order.

I'll be travelling for the next three weeks so repairs will have to await my return. I'll update on the how the build is going around the end of the month.

Thanks again

73 de

Jon OK8GB/G6UDE

4599. Pair Folding Rear Legs for PFR3?

Yahoo group: pfr3_group
Date: 2015-11-11 20:37:23 UTC
From: rugelj2002@...
Topic: 4599 Message: 4599

Recently I saw a photo of a PFR3 with a pair of nice folding legs which allow the unit to lie flat (folded against case) or stand up at the rear (opened up).
Any idea where these might be purchased? Thanks! Al W6JHO

4600. Re: [pfr3_group] Pair Folding Rear Legs for PFR3?

Yahoo group: pfr3_group
Date: 2015-11-12 00:42:48 UTC
From: Steven Weber
Topic: 4599 Message: 4600

Those are commonly used on desktop keyboards. They are available, but I forget the exact name to use for a search.

KD1JV
Recently I saw a photo of a PFR3 with a pair of nice folding legs which allow the unit to lie flat (folded against case) or stand up at the rear (opened up).

Any idea where these might be purchased? Thanks! Al W6JHO

4601. Re: [pfr3_group] Pair Folding Rear Legs for PFR3?

Yahoo group: pfr3_group
Date: 2015-11-12 08:13:42 UTC
From: jon.powell.uk@...
Topic: 4599 Message: 4601

Is this what you are looking for?

Palm Radio Germany http://www.palm-radio.de/english/epegleg.html

Palm Radio Germany http://www.palm-radio.de/english/epegleg.html Palm Radio produces the finest in Ham-Radio Accessories

View on www.palm-radio.de http://www.palm-radio.de/english/epegleg.html
Preview by Yahoo

4602. Re: Pair Folding Rear Legs for PFR3?

Yahoo group: pfr3_group
Date: 2015-11-13 15:24:56 UTC
From: dani.ea5fv@...
Topic: 4599 Message: 4602
Attachments: 3 described; binary payloads are missing from this source WARC

I solved it in this way as you can see in the attached photos.
materials:
- A piece of flexible plastic (blister).
- Belcro adesivo.
- Tape adesiva on both sides.
I hope this idea will help

73 de Dani EA5FV
http://www.ea5fv.es http://www.ea5fv.es

4603. Re: [pfr3_group] Failed Final test: Help

Yahoo group: pfr3_group
Date: 2015-12-15 08:03:27 UTC
From: jon.powell.uk@...
Topic: 4595 Message: 4603

At last I got round to replacing the BS170s last night.... what a pig to get the old ones off the board!

For good measure the 74AC02 got replaced at the same time.

I now have RF output and no smoke:-)

That's the good news. Less good is that the RF output is minimal, less than 500mw. I'll be checking the LPF inductor windings in the next day or so.

I'll update after investigating.

I would REALLY like to have this radio operational for the Christmas holidays.

TTFN & 72s

J

4604. RE: [pfr3_group] Failed Final test: Help

Yahoo group: pfr3_group
Date: 2015-12-15 13:06:06 UTC
From: Dale Putnam
Topic: 4595 Message: 4604

HI J,
It may be rewarding to check the antenna switch wiring too.
And measuring the resistance of the windings of the large toroid may help too, to prove the connections to the wire from the board.
Good Luck with it.

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Tue, 15 Dec 2015 00:03:27 -0800
Subject: Re: [pfr3_group] Failed Final test: Help

At last I got round to replacing the BS170s last night.... what a pig to get the old ones off the board!

For good measure the 74AC02 got replaced at the same time.
I now have RF output and no smoke:-)
That's the good news. Less good is that the RF output is minimal, less than 500mw. I'll be checking the LPF inductor windings in the next day or so.
I'll update after investigating.
I would REALLY like to have this radio operational for the Christmas holidays.
TTFN & 72s
J

4605. RE: [pfr3_group] Failed Final test: Help

Yahoo group: pfr3_group
Date: 2015-12-15 15:54:16 UTC
From: jon.powell.uk@...
Topic: 4595 Message: 4605

Thanks for the pointer Dale,

I'll have a poke around the board this evening to see if I can see what's amiss.

72 de J

4606. Re: Failed Final test: Help

Yahoo group: pfr3_group
Date: 2015-12-15 19:08:50 UTC
From: jon.powell.uk@...
Topic: 4595 Message: 4606

Dale: At this stage I have my output connection is only to the BNC connector, no other connectors or switch are wired in. Board switces all in correct position.ie. set to Operate, Coax and band swithes are being set to same band in their correct pairs if you see what I mean.

Here's where I'm at using a low cost DVM, and its not looking good :-(

1. Checked voltage on mini accumulator 12.63v

2. Checked L8/10/12 and confirmed 17T/13T/14T respectively. Re spaced windings. No affect on RF output on key-down.

3. Receive current 50ma Key-down current 780ma

4. Re ran Group 1 smoke test: All 100% OK

5. Re Ran Group 3 tests (but with L7 installed)

U8 Pins 1 and 13 0v Key-up, 2.48v Key-Down

L7 pad adjacent to C57 12.01v Key-down (supply 12.63v)

Noticed Error on L7 which has 9T not the specified 8T winding.

6. Then things started going wrong... For no apparent reason display shut down.

Audio out remained active

No RF output on key-down

DDS RF output detectable.

U8 test now shows 0.01v Key up on pins 1 and 13.

Next moves:

Remove one turn from L7
Start checking all other components and windings 100%

Hopes of Christmas operation with this rig are starting to fade I fear:-(

J

4607. Re: [pfr3_group] Re: Failed Final test: Help

Yahoo group: pfr3_group
Date: 2015-12-15 21:06:43 UTC
From: Steven Weber
Topic: 4595 Message: 4607

#2 - How the turns are wound is important. You must get the turns to sit as snug as possible to the sides of the core and evenly spaced. A very loosely wound core or if all the turns are crunched close together will result in low power output.

#6 The display will blank if you haven't used any of the control switches in 10 minutes or so. Nothing else should be affected and will come back on if you push one of the switches.

The number of turns on L7 is not important, so long as there are enough of them. 9 instead of 8 isn't going to make any difference there. It's just a collector choke, not part of a frequency dependant circuit.

780 ma at 12.6V is 9.45 watts. All that power has to be going somewhere if it's not coming out the antenna jack. The most common reason for low power output is poor winding of the filter toroids or having the wrong number of turns.

Less likely possiblities are the 2N7000 QSK switch is shorted or not being turned off during transmit and power is going into the receiver front end.

If this is a PFR-3B it may not be transmitting on the right frequency if you don't have an updated processor. This was only a problem with the first small batch of kits which were shipped and everyone who needed an updated processor should have gotten one already. But it's worth checking just in case.

Then there is always the possibility it is working properly and your just not measuring the power correctly or accurately.

And of course, while your doing all this fiddling with the board, you must be very careful not to short something out and create more trouble then you had when you started.

73, Steve KD1JV

> 2. Checked L8/10/12 and confirmed 17T/13T/14T respectively. Re spaced
> windings. No affect on RF output on key-down.
>
> 6. Then things started going wrong... For no apparent reason display shut
> down.
>
> Remove one turn from L7
> Start checking all other components and windings 100%
>

4608. Re: [pfr3_group] Re: Failed Final test: Help

Yahoo group: pfr3_group
Date: 2015-12-16 21:12:14 UTC
From: jon.powell.uk@...
Topic: 4595 Message: 4608

Thanks for the fast response Steve.

Its a 3a model

LPF toroids are wound quite tightly so not much slack in them.

Thanks for the reassurance about L7, I'll leave that alone for the time being.

Yes 9+ W is going somewhere and that's worrying.

Display is no timed out. Its completely dead. No tell tale dot remains on... nothing at all. Tripping control switches makes no difference.

DDS chip is not giving off any RF now, whereas it a=was easily detectable when I ran through the checks just before the display went down.

Hoefully nothing got shorted while testing. I had the board sat atop a thick PVC cutting board so not much likelihood of any inadvertent shorting.

Checking to resume tomorrow as this evening life getting in the way of radio!

72 de

Jon

4609. Re: [pfr3_group] Re: Failed Final test: Help

Yahoo group: pfr3_group
Date: 2015-12-17 02:11:50 UTC
From: Steven Weber
Topic: 4595 Message: 4609

That sounds like you lost the 5V regulator at the very least. See if it's getting wicked hot and check for shorts on the bus.

Assuming you get the board to power up again you really need a scope to figure out where the power is or isn't going. If you don't have one, hopefully you can find someone local with one to help.

Steve KD1JV

Display is no timed out. Its completely dead. No tell tale dot remains on... nothing at all. Tripping control switches makes no difference.

DDS chip is not giving off any RF now, whereas it a=was easily detectable when I ran through the checks just before the display went down.

4611. PFR3A Paddle Key for Sale Brand New

Yahoo group: pfr3_group
Date: 2016-01-22 23:38:39 UTC
From: rugelj2002@...
Topic: 4611 Message: 4611

I have a brand new Paddle Key for the PFR3A, never used. Original key from Hendricks QrpKits and assembled by Dale Putnam. I am returning to my much loved 1940's Luftwaffe hand key! $55.00 Postpaid 48 States. Photo available. Please respond to.....rugelj2002@yahoo.com.....73 W6JHO

4612. RE: [pfr3_group] pfr-3b

Yahoo group: pfr3_group
Date: 2016-01-23 02:09:54 UTC
From: Dale Putnam
Topic: 4610 Message: 4612

Yep.. sure have.. Are you curious, or having an issue?

Have a great day,

--... ...--
Dale - WC7S in Wy

To: pfr3_group@yahoogroups.com
From: pfr3_group@yahoogroups.com
Date: Fri, 22 Jan 2016 03:06:44 -0800
Subject: [pfr3_group] pfr-3b

anyone had any luck with the newest version of the pfr?

4613. PN and vendor for replacement polyvaricap and TACT switches

Yahoo group: pfr3_group
Date: 2016-01-24 03:23:21 UTC
From: ktalbott@...
Topic: 4613 Message: 4613

Can anyone point me the part numbers and vendor for the tactile switches and polyvaricap used on early PFR-3? I need to replace these to bring a recent purchase back up to 100%.
Thanks!
Ken - ke4rg

4614. Re: [pfr3_group] PN and vendor for replacement polyvaricap and TACT switches

Yahoo group: pfr3_group
Date: 2016-01-24 04:36:46 UTC
From: Roberto Salazar
Topic: 4613 Message: 4614

First option is QRPKITS.COM themselves. No need for part numbers with them, just the model. I've done this so is my own experience.

Roberto - YS1RS

Sent from my iPad.

> On Jan 23, 2016, at 21:23, ktalbott@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
>
> Can anyone point me the part numbers and vendor for the tactile switches and polyvaricap used on early PFR-3? I need to replace these to bring a recent purchase back up to 100%. Thanks!
>
> Ken - ke4rg
>
>

4615. RE: [pfr3_group] PN and vendor for replacement polyvaricap and TACT switches

Yahoo group: pfr3_group
Date: 2016-01-24 05:24:38 UTC
From: Ken Talbott
Topic: 4613 Message: 4615

Aargh! Actually, that thought never entered my mind, I am so accustomed to MSRP X 10 from other manufacturers. I will give them a try. Thanks.

Ken – ke4rg

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]
Sent: Saturday, January 23, 2016 11:37 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PN and vendor for replacement polyvaricap and TACT switches

First option is QRPKITS.COM <http://qrpkits.com> themselves. No need for part numbers with them, just the model.

I've done this so is my own experience.

Roberto - YS1RS

Sent from my iPad.

On Jan 23, 2016, at 21:23, ktalbott@... <mailto:ktalbott@...> [pfr3_group] <pfr3_group@yahoogroups.com <mailto:pfr3_group@yahoogroups.com> > wrote:

Can anyone point me the part numbers and vendor for the tactile switches and polyvaricap used on early PFR-3? I need to replace these to bring a recent purchase back up to 100%. Thanks!

Ken - ke4rg

4616. Customer service issues?

Yahoo group: pfr3_group
Date: 2016-02-23 21:07:36 UTC
From: Bill Cally
Topic: 4616 Message: 4616

I've wanted one of the PFR3's for quite some time, and now that the PFR3B has come out, I'm even more interested. But the only thing that stops me are the comments and reviews concerning ignored emails to Hendrick's Customer Support, as well as missing, wrong, or damaged parts, and long delivery times.
Since I'm use to the impeccable kits and CS from Heath, K5OOR, and Elecraft, these things bother me -- a lot.
Have things improved?
73 es CUL,
-Cotter

4617. Re: [pfr3_group] Customer service issues?

Yahoo group: pfr3_group
Date: 2016-02-23 21:54:05 UTC
From: bobzolecki@...
Topic: 4616 Message: 4617

Bill haven't heard anything about that in a long time so cant say one way or the other....Good Luck....The one I have is a good radio tho....73 Bob

-----Original Message-----
From: Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@...m>
Sent: Tue, Feb 23, 2016 3:09 pm
Subject: [pfr3_group] Customer service issues?

I've wanted one of the PFR3's for quite some time, and now that the PFR3B has come out, I'm even more interested. But the only thing that stops me are the comments and reviews concerning ignored emails to Hendrick's Customer Support, as well as missing, wrong, or damaged parts, and long delivery times.

Since I'm use to the impeccable kits and CS from Heath, K5OOR, and Elecraft, these things bother me -- a lot.

Have things improved?

73 es CUL,

-Cotter

4618. Pfr3

Yahoo group: pfr3_group
Date: 2016-02-23 23:24:03 UTC
From: Ray Smith
Topic: 4618 Message: 4618

Bill,
  If you are not a builder consider having it built, the rig can be tricky and i read that in the info b4 purchase. I too was a bit leary only because of my skills. I did recieve a part that wasnt listed but there was a spot on the board for it. Dave, and the pfr3 group held my hand while i went for it. I was assured that if the part ruined the kit all would help with ideas to fix, fix is da key word no one wanted me to bail, if i couldnt get it going i was offered to send in for repair. Da one thing i admired most, i was gonna get THIS rig going. Wellllll turns out the part was a new one not cross refrenced, an UPGRADE hi hi the lil buggar works steller all three bands on recomended long wire es counterpoise from internet. Sum DX colorado to alaska bunch of local, take in back pack run thru outbacker gud stuff. I must say it was a great experience and i will keep 4 evr. Sorry to b so lengthy but Hendricks is top dog. Thats all i got to say bout that
73
Ray "KG0V"

Sent from Samsung tablet.

4619. Re: [pfr3_group] Pfr3

Yahoo group: pfr3_group
Date: 2016-02-23 23:53:34 UTC
From: Dale Putnam
Topic: 4618 Message: 4619

Hi Bill,

I have not had any trouble at all getting in touch with QRPkits.com.. and if you have any trouble at all.. please get in touch with me..

I love their kits.. the Tribander, and all of them are great. If you are having an issue with getting a kit built.. just touch base with me..

I do that to. Or.. I will support your efforts!

Good Luck,

Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Ray Smith ray@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Tuesday, February 23, 2016 4:24 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Pfr3

Bill,
If you are not a builder consider having it built, the rig can be tricky and i read that in the info b4 purchase. I too was a bit leary only because of my skills. I did recieve a part that wasnt listed but there was a spot on the board for it. Dave, and the pfr3 group held my hand while i went for it. I was assured that if the part ruined the kit all would help with ideas to fix, fix is da key word no one wanted me to bail, if i couldnt get it going i was offered to send in for repair. Da one thing i admired most, i was gonna get THIS rig going. Wellllll turns out the part was a new one not cross refrenced, an UPGRADE hi hi the lil buggar works steller all three bands on recomended long wire es counterpoise from internet. Sum DX colorado to alaska bunch of local, take in back pack run thru outbacker gud stuff. I must say it was a great experience and i will keep 4 evr. Sorry to b so lengthy but Hendricks is top dog. Thats all i got to say bout that
73
Ray "KG0V"

Sent from Samsung tablet.

4620. Re: [pfr3_group] Customer service issues?

Yahoo group: pfr3_group
Date: 2016-02-24 00:18:43 UTC
From: Roberto Salazar
Topic: 4616 Message: 4620

I have always had very good experience with Hendricks kits.
One pot in one of my two PFR-3A kits I have purchased was faulty but received replacement as it should, fast and no questions asked.
No parts missing too in several kits purchased from them.
I have heard of customers that had problems but has not been my personal experience. For me has been very good till now. My last kit was the Scout Regen Receiver.
Fantastic kit!
73
Rob
YS1RS

Sent from my iPad.

> On Feb 23, 2016, at 15:07, Bill Cally billcalley@...m [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
>
> I've wanted one of the PFR3's for quite some time, and now that the PFR3B has come out, I'm even more interested. But the only thing that stops me are the comments and reviews concerning ignored emails to Hendrick's Customer Support, as well as missing, wrong, or damaged parts, and long delivery times.
>
> Since I'm use to the impeccable kits and CS from Heath, K5OOR, and Elecraft, these things bother me -- a lot.
>
> Have things improved?
>
> 73 es CUL,
>
> -Cotter
>

4621. Re: [pfr3_group] Customer service issues? [

Yahoo group: pfr3_group
Date: 2016-02-24 00:51:00 UTC
From: lahagar1@...
Topic: 4616 Message: 4621

Agree with all said, and if anyone has experience putting together Heathkit or Elecraft ham kit, then the PFR3 will be a piece of cake.
The radio is VERY handy considering all the built-in features:
https://www.youtube.com/playlist?list=PLF595C1135AC3D3A4
73 Lynn - NG9D

-----Original Message-----
From: Roberto Salazar ys1rs@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Feb 23, 2016 6:18 pm
Subject: Re: [pfr3_group] Customer service issues?

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I have heard of customers that had problems but has not been my personal experience. For me has been very good till now. My last kit was the Scout Regen Receiver.
Fantastic kit!
73
Rob
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Sent from my iPad.

On Feb 23, 2016, at 15:07, Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

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Since I'm use to the impeccable kits and CS from Heath, K5OOR, and Elecraft, these things bother me -- a lot.

Have things improved?

73 es CUL,

-Cotter

4622. Re: [pfr3_group] Pfr3

Yahoo group: pfr3_group
Date: 2016-02-24 06:47:39 UTC
From: Bill Cally
Topic: 4618 Message: 4622

Thanks Ray. Do you know of anyone who builds these kits, and at what cost? I have designed and built RF electronics all of my professional life, and I'm kind of over it. Sounds like a great radio though!

From: "Ray Smith ray@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, February 23, 2016 5:24 PM
Subject: [pfr3_group] Pfr3

Bill, If you are not a builder consider having it built, the rig can be tricky and i read that in the info b4 purchase. I too was a bit leary only because of my skills. I did receive a part that wasn't listed but there was a spot on the board for it. Dave, and the pfr3 group held my hand while i went for it. I was assured that if the part ruined the kit all would help with ideas to fix, fix is da key word no one wanted me to bail, if i couldn't get it going i was offered to send in for repair. Da one thing i admired most, i was gonna get THIS rig going. Wellllll turns out the part was a new one not cross referenced, an UPGRADE hi hi the lil buggar works steller all three bands on recommended long wire es counterpoise from internet. Sum DX Colorado to Alaska bunch of local, take in back pack run thru outbacker gud stuff. I must say it was a great experience and i will keep 4 evr. Sorry to b so lengthy but Hendricks is top dog. That's all i got to say bout that73Ray "KG0V"

Sent from Samsung tablet.

4623. Re: [pfr3_group] Pfr3

Yahoo group: pfr3_group
Date: 2016-02-24 06:50:49 UTC
From: Bill Cally
Topic: 4618 Message: 4623

Thanks Dale -- it's much more reassuring to have a knowledgeable person on your side when building such a kit!

From: "Dale Putnam daleputnam@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Tuesday, February 23, 2016 5:53 PM
Subject: Re: [pfr3_group] Pfr3

Hi Bill, I have not had any trouble at all getting in touch with QRPkits.com.. and if you have any trouble at all.. please get in touch with me..I love their kits.. the Tribander, and all of them are great. If you are having an issue with getting a kit built.. just touch base with me.. I do that to. Or.. I will support your efforts! Good Luck,Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Ray Smith ray@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Tuesday, February 23, 2016 4:24 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Pfr3

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Sent from Samsung tablet.

4624. Re: [pfr3_group] Customer service issues?

Yahoo group: pfr3_group
Date: 2016-02-24 06:51:54 UTC
From: Bill Cally
Topic: 4616 Message: 4624

Thanks Rob!

From: "Roberto Salazar ys1rs@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, February 23, 2016 6:18 PM
Subject: Re: [pfr3_group] Customer service issues?

I have always had very good experience with Hendricks kits.One pot in one of my two PFR-3A kits I have purchased was faulty but received replacement as it should, fast and no questions asked.No parts missing too in several kits purchased from them.I have heard of customers that had problems but has not been my personal experience. For me has been very good till now. My last kit was the Scout Regen Receiver. Fantastic kit!73RobYS1RS

Sent from my iPad.

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Since I'm use to the impeccable kits and CS from Heath, K5OOR, and Elecraft, these things bother me -- a lot.
Have things improved?
73 es CUL,
-Cotter

4625. Re: [pfr3_group] Customer service issues? [

Yahoo group: pfr3_group
Date: 2016-02-24 06:53:14 UTC
From: Bill Cally
Topic: 4616 Message: 4625

Thanks Lynn!!

From: "lahagar1@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Tuesday, February 23, 2016 6:51 PM
Subject: Re: [pfr3_group] Customer service issues? [

Agree with all said, and if anyone has experience putting together Heathkit or Elecraft ham kit, then the PFR3 will be a piece of cake. The radio is VERY handy considering all the built-in features: https://www.youtube.com/playlist?list=PLF595C1135AC3D3A4 73 Lynn - NG9D
-----Original Message-----
From: Roberto Salazar ys1rs@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Tue, Feb 23, 2016 6:18 pm
Subject: Re: [pfr3_group] Customer service issues?

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Sent from my iPad.

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Have things improved?
73 es CUL,
-Cotter

4626. Re: Customer service issues? [

Yahoo group: pfr3_group
Date: 2016-02-24 11:36:31 UTC
From: Sent From Samsung Infuse
Topic: 4616 Message: 4626

I had excellent service from Hendricks and my PFR 3A works great.

Sent from my Samsung smartphone on AT&T

4627. Pfr3

Yahoo group: pfr3_group
Date: 2016-02-24 15:13:36 UTC
From: Ray Smith
Topic: 4618 Message: 4627

Bill,
  I did not persue build assistance, it was years ago that i did the build but if you put it out to the group you may get your ans. Seems like there were buiders out there with the offer. The tune up on torriods only thing i sweated but did exactly as instructions said a bit of winding spreading es collapsing (tunning) and swr can be made null, full 5 watts perfect.
Gl es 73
Ray kg0v

Sent from Samsung tablet.

4628. Re: [pfr3_group] Pfr3

Yahoo group: pfr3_group
Date: 2016-02-24 18:05:11 UTC
From: Bill Cally
Topic: 4618 Message: 4628

Thanks for the info, Bill!

From: "Ray Smith ray@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Wednesday, February 24, 2016 9:13 AM
Subject: [pfr3_group] Pfr3

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Sent from Samsung tablet.

4629. Re: [pfr3_group] Pfr3

Yahoo group: pfr3_group
Date: 2016-02-24 18:11:25 UTC
From: Bill Cally
Topic: 4618 Message: 4629

Sorry about calling you "Bill", Ray.

From: "Ray Smith ray@frontier.net [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Wednesday, February 24, 2016 9:13 AM
Subject: [pfr3_group] Pfr3

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Sent from Samsung tablet.

4630. Re: [pfr3_group] Pfr3

Yahoo group: pfr3_group
Date: 2016-02-24 20:28:01 UTC
From: John Overbaugh
Topic: 4618 Message: 4630

Bill,

I had nominal build experience (a balun, an Elecraft T1 tuner, and a Rockmite 40) when I tackled the project. I have a good friend who's got a background in electronics and soldering, but he did nothing (well, he hollered at me when I was about to make a mistake). I started the build the year I got my PFR3 (2010?) and finished it in 2014--set it aside for quite some time, obviously! I asked several questions of the group, but basically I took my time and went step by step. When I was done, I shipped mine to Dale to have it bench tested, and it was right on the mark.

If you know how to do a good solder, and you are patient, you can build this rig.

On Wed, Feb 24, 2016 at 11:11 AM, Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
>
> Sorry about calling you "Bill", Ray.
>
>
> ------------------------------
> *From:* "Ray Smith ray@... [pfr3_group]" <
> pfr3_group@yahoogroups.com>
> *To:* pfr3_group@yahoogroups.com
> *Sent:* Wednesday, February 24, 2016 9:13 AM
> *Subject:* [pfr3_group] Pfr3
>
>
> Bill,
> I did not persue build assistance, it was years ago that i did the build
> but if you put it out to the group you may get your ans. Seems like there
> were buiders out there with the offer. The tune up on torriods only thing i
> sweated but did exactly as instructions said a bit of winding spreading es
> collapsing (tunning) and swr can be made null, full 5 watts perfect.
> Gl es 73
> Ray kg0v
>
>
>
>
> Sent from Samsung tablet.
>
>

>
>

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4631. Re: [pfr3_group] Pfr3

Yahoo group: pfr3_group
Date: 2016-02-24 21:20:20 UTC
From: Bill Cally
Topic: 4618 Message: 4631

Hi John,
   Thanks for the info John, but I much more trust Dale to do this work than me!

From: "John Overbaugh john.overbaugh@gmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 2:28 PM
Subject: Re: [pfr3_group] Pfr3

  Bill,

I had nominal build experience (a balun, an Elecraft T1 tuner, and a Rockmite 40) when I tackled the project. I have a good friend who's got a background in electronics and soldering, but he did nothing (well, he hollered at me when I was about to make a mistake). I started the build the year I got my PFR3 (2010?) and finished it in 2014--set it aside for quite some time, obviously! I asked several questions of the group, but basically I took my time and went step by step. When I was done, I shipped mine to Dale to have it bench tested, and it was right on the mark.

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Sorry about calling you "Bill", Ray.

From: "Ray Smith ray@frontier.net [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Wednesday, February 24, 2016 9:13 AM
Subject: [pfr3_group] Pfr3

  Bill, I did not persue build assistance, it was years ago that i did the build but if you put it out to the group you may get your ans. Seems like there were buiders out there with the offer. The tune up on torriods only thing i sweated but did exactly as instructions said a bit of winding spreading es collapsing (tunning) and swr can be made null, full 5 watts perfect. Gl es 73Ray kg0v

Sent from Samsung tablet.

--
John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com YouTube: KF7DVJ

4632. Re: [pfr3_group] Pfr3

Yahoo group: pfr3_group
Date: 2016-02-24 21:34:21 UTC
From: ckwishmeier@...
Topic: 4618 Message: 4632

Bill,

You are missing 3/4 of the fun with this radio. The only difficulty is winding the toroids correctly. I built mine three years ago and after many hundreds of Q's, mostly using a Buddipole from various challenging locations, I can say I just LOVE it. There is nothing like making contacts using a radio that you built yourself. Fear not. If you have any issues Dale can get you through them very quickly. If necessary just have Dale wind the toroids for you!

Keith
WA9S

-----Original Message-----
From: Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Feb 24, 2016 4:20 pm
Subject: Re: [pfr3_group] Pfr3

Hi John,

Thanks for the info John, but I much more trust Dale to do this work than me!

From: "John Overbaugh john.overbaugh@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 2:28 PM
Subject: Re: [pfr3_group] Pfr3

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Subject: [pfr3_group] Pfr3

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Gl es 73
Ray kg0v

Sent from Samsung tablet.

--

John Overbaugh, CISSP CHP GWAPT GSLC GCIH

K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ

4633. Re: [pfr3_group] Pfr3

Yahoo group: pfr3_group
Date: 2016-02-25 00:36:04 UTC
From: Bill Cally
Topic: 4618 Message: 4633

Hi Keith,
   As a senior RF engineer, I have designed and troubleshot (microwave) radios all of my professional life; not to mention as a hobby I built an HW-8 transceiver, Heath test gear, an Elecraft K1, a 35W HF Packer linear, and other assorted ham electronic goodies. So I think I've had just about all the building fun there is to be had. But I can also guarantee you that Dale is a much better solderer and kit builder than I am (considering I'm mediocre, but everyone raves about Dale's work!).
-Bill

From: "ckwishmeier@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Wednesday, February 24, 2016 3:34 PM
Subject: Re: [pfr3_group] Pfr3

  Bill,
You are missing 3/4 of the fun with this radio. The only difficulty is winding the toroids correctly. I built mine three years ago and after many hundreds of Q's, mostly using a Buddipole from various challenging locations, I can say I just LOVE it. There is nothing like making contacts using a radio that you built yourself. Fear not. If you have any issues Dale can get you through them very quickly. If necessary just have Dale wind the toroids for you!
KeithWA9S

-----Original Message-----
From: Bill Cally billcalley@...m [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Feb 24, 2016 4:20 pm
Subject: Re: [pfr3_group] Pfr3

Hi John,
   Thanks for the info John, but I much more trust Dale to do this work than me!

From: "John Overbaugh john.overbaugh@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 2:28 PM
Subject: Re: [pfr3_group] Pfr3

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Subject: [pfr3_group] Pfr3

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Sent from Samsung tablet.

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John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com YouTube: KF7DVJ

4634. Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 01:17:48 UTC
From: billcalley@...
Topic: 4634 Message: 4634

My Google-Foo may be waning, because I did do a search in this forum and couldn't find any recommendations on the best portable antenna to take on the road with the PFR3. The antenna needs to be small and lightweight enough to fit in a briefcase with the PFR3. Any ideas? (I'm thinking a matching box end-fed antenna? Any good, low-cost antenna brands?)

Thanks,

-Bill

4635. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 01:22:36 UTC
From: Dale Putnam
Topic: 4634 Message: 4635

Hi Bill,

I've used a balanced antenna, fed with a balanced line.. to use the BLT built into the PRF3. And edz or Dipole.. an 88ft center fed dipole

Also have used verticals, and marconi verticals.. The one that worked well without a lot of fooling with

was a windom with 300 ohm feeder line. I prefer the balanced antenna and line.. because I don't usually have time

to put in an adequate rf ground system. Unless there is one available already there.. like a broadcast station.. radial field.

Then our verticals work great!!

Good luck!

Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@...
[pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 6:17 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Best QRP antenna for portable PFR3 use?

My Google-Foo may be waning, because I did do a search in this forum and couldn't find any recommendations on the best portable antenna to take on the road with the PFR3. The antenna needs to be small and lightweight enough to fit in a briefcase with the PFR3. Any ideas? (I'm thinking a matching box end-fed antenna? Any good, low-cost antenna brands?)

Thanks,

-Bill

4636. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 02:12:42 UTC
From: Bill Cally
Topic: 4634 Message: 4636

Hi Dale,
Sounds logical to me! (Currently at my QTH I have a full length fan dipole, which works fine. Before that I had a 33ft vertical with 33 radials, which also worked fine. I'm now going to try and work on a light-weight, portable version of the fan dipole and see what happens...)
Thanks!
-Bill

From: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 7:22 PM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

  Hi Bill, I've used a balanced antenna, fed with a balanced line.. to use the BLT built into the PRF3. And edz or Dipole.. an 88ft center fed dipole Also have used verticals, and marconi verticals.. The one that worked well without a lot of fooling withwas a windom with 300 ohm feeder line. I prefer the balanced antenna and line.. because I don't usually have timeto put in an adequate rf ground system. Unless there is one available already there.. like a broadcast station.. radial field.Then our verticals work great!!
Good luck!Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 6:17 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Best QRP antenna for portable PFR3 use? My Google-Foo may be waning, because I did do a search in this forum and couldn't find any recommendations on the best portable antenna to take on the road with the PFR3. The antenna needs to be small and lightweight enough to fit in a briefcase with the PFR3. Any ideas? (I'm thinking a matching box end-fed antenna? Any good, low-cost antenna brands?)
Thanks,
-Bill

4637. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 04:16:56 UTC
From: Dale Putnam
Topic: 4634 Message: 4637

That'll be interesting.. bet it works fine with the tuner in the PFR3, it'll always be matched to the tx.

72,

Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 7:12 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Hi Dale,

Sounds logical to me! (Currently at my QTH I have a full length fan dipole, which works fine. Before that I had a 33ft vertical with 33 radials, which also worked fine. I'm now going to try and work on a light-weight, portable version of the fan dipole and see what happens...)

Thanks!

-Bill

From: "Dale Putnam daleputnam@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 7:22 PM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

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Then our verticals work great!!

Good luck!
Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@yahoo.com [pfr3_group] <pfr3_group@yahoogroups.com>

Sent: Wednesday, February 24, 2016 6:17 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Best QRP antenna for portable PFR3 use?

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Thanks,

-Bill

4638. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 13:22:41 UTC
From: ckwishmeier@...
Topic: 4634 Message: 4638

Bill,

With both my PFR-3A and my Mountain Topper (both Steve Webber designs) I prefer my Buddipole. Obviously the Buddipole will not fit in a briefcase. When I pack light I use the mini endfz from LNR Precision. That has given me 20M and 40M quite successfully. The mini endfz winds up into a package 6" x 2" x 2". Can't get much smaller than that. The 25 feet of coax is what takes up space. I plan to try tiny RG174 coax in the future. Of course I get the best performance using my home antennas; two dipoles and a tribander up 45 fet!

Keith
WA9S

-----Original Message-----
From: Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Feb 24, 2016 11:17 pm
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

That'll be interesting.. bet it works fine with the tuner in the PFR3, it'll always be matched to the tx.
72,
Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 7:12 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Hi Dale,

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Thanks!

-Bill

From: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 7:22 PM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

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From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 6:17 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Best QRP antenna for portable PFR3 use?

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Thanks,

-Bill

4639. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 13:45:41 UTC
From: John Overbaugh
Topic: 4634 Message: 4639

Buddistick works great, although if you read up on the QRP alias, you'll find a ton of people abandoning their Buddistick for a mag loop antenna (apparently easier to tune, lighter, etc.).

On Thu, Feb 25, 2016 at 6:22 AM, ckwishmeier@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

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> Bill,
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> With both my PFR-3A and my Mountain Topper (both Steve Webber designs) I
> prefer my Buddipole. Obviously the Buddipole will not fit in a briefcase.
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> 6" x 2" x 2". Can't get much smaller than that. The 25 feet of coax is what
> takes up space. I plan to try tiny RG174 coax in the future. Of course I
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> tribander up 45 fet!
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> Keith
> WA9S
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> -----Original Message-----
> From: Dale Putnam daleputnam@... [pfr3_group] <
> pfr3_group@yahoogroups.com>
> To: pfr3_group <pfr3_group@yahoogroups.com>
> Sent: Wed, Feb 24, 2016 11:17 pm
> Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?
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> *From:* pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf
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> *Sent:* Wednesday, February 24, 2016 7:12 PM
> *To:* pfr3_group@yahoogroups.com
> *Subject:* Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

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> *From:* "Dale Putnam daleputnam@hotmail.com [pfr3_group]" <
> pfr3_group@yahoogroups.com>
> *To:* "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
> *Sent:* Wednesday, February 24, 2016 7:22 PM
> *Subject:* Re: [pfr3_group] Best QRP antenna for portable PFR3 use?
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> *Sent:* Wednesday, February 24, 2016 6:17 PM
> *To:* pfr3_group@yahoogroups.com
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> Thanks,
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John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ <http://www.youtube.com/user/KF7DVJ>

4640. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 15:05:47 UTC
From: K2QPN@...
Topic: 4634 Message: 4640

I don't think there is a "best" antenna. It is a matter of preference and circumsatance. I use a NorCal doublet made from speaker wire. Cheap and easy. I also use a 31' end fed from KX3HELPER.COM fed with 25' of RG174 coax. Both work well. I have used them with my PFR3, ATS4 + tuner, and KX3.

There are times when it is just not practical to throw up a wire antenna. I keep looking at a magnetic loop antenna - like the AlexLoop. Pricey. Anybody have any experience with them?

Have fun.

73, Bob K2QPN

4641. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 16:25:11 UTC
From: ckwishmeier@...
Topic: 4634 Message: 4641

The mag loop has an extremely narrow frequency spread, however.

Keith

-----Original Message-----
From: John Overbaugh john.overbaugh@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Feb 25, 2016 8:45 am
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

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Bill,

With both my PFR-3A and my Mountain Topper (both Steve Webber designs) I prefer my Buddipole. Obviously the Buddipole will not fit in a briefcase. When I pack light I use the mini endfz from LNR Precision. That has given me 20M and 40M quite successfully. The mini endfz winds up into a package 6" x 2" x 2". Can't get much smaller than that. The 25 feet of coax is what takes up space. I plan to try tiny RG174 coax in the future. Of course I get the best performance using my home antennas; two dipoles and a tribander up 45 fet!

Keith
WA9S

-----Original Message-----
From: Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com>

To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Feb 24, 2016 11:17 pm
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

That'll be interesting.. bet it works fine with the tuner in the PFR3, it'll always be matched to the tx.
72,
Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 7:12 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Hi Dale,

Sounds logical to me! (Currently at my QTH I have a full length fan dipole, which works fine. Before that I had a 33ft vertical with 33 radials, which also worked fine. I'm now going to try and work on a light-weight, portable version of the fan dipole and see what happens...)

Thanks!

-Bill

From: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 7:22 PM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

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From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
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John Overbaugh, CISSP CHP GWAPT GSLC GCIH

K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com
YouTube: KF7DVJ

4642. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 16:47:56 UTC
From: beargyrils@...
Topic: 4634 Message: 4642

The MAG LOOP is OK if that's all you can have but I get better results
just by tossing an end fed wire out of the top of the 4th floor window.
I built up a nice tuner for about $20.00.
At times I also use an UNUN antenna.
Common sense tells me the more wire you have up,the more capture area you
have.
I think the reason my MAG LOOP worked so well is because the RF got
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But i'm no EE and just guessing (on the mag loop)
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In a message dated 2/25/2016 8:30:04 A.M. Pacific Standard Time,
pfr3_group@yahoogroups.com writes:

The mag loop has an extremely narrow frequency spread, however.

Keith

-----Original Message-----
From: John Overbaugh john.overbaugh@gmail.com [pfr3_group]
<pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Feb 25, 2016 8:45 am
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

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From: Dale Putnam _daleputnam@..._ (mailto:daleputnam@...)
[pfr3_group] <_pfr3_group@yahoogroups.com_
(mailto:pfr3_group@yahoogroups.com) >

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From: _pfr3_group@yahoogroups.com_ (mailto:pfr3_group@yahoogroups.com) <_pfr3_group@yahoogroups.com_ (mailto:pfr3_group@yahoogroups.com) > on behalf of _billcalley@..._ (mailto:billcalley@...) [pfr3_group] <_pfr3_group@yahoogroups.com_ (mailto:pfr3_group@yahoogroups.com) >
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YouTube: _KF7DVJ_ (http://www.youtube.com/user/KF7DVJ)

4643. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 22:40:26 UTC
From: Bill Cally
Topic: 4634 Message: 4643

Keith, due to the PFR-3's Hi-Z switch and its built-in BLT, can't you lose the EndFedz's matchbox and just connect a 60' wire to the red PFR-3's terminal and a counterpoise wire to the black terminal?

From: "ckwishmeier@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Thursday, February 25, 2016 7:22 AM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

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To: pfr3_group <pfr3_group@yahoogroups.com>
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Thanks!
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From: "Dale Putnam daleputnam@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
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Sent: Wednesday, February 24, 2016 6:17 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Best QRP antenna for portable PFR3 use? My Google-Foo may be waning, because I did do a search in this forum and couldn't find any recommendations on the best portable antenna to take on the road with the PFR3. The antenna needs to be small and lightweight enough to fit in a briefcase with the PFR3. Any ideas? (I'm thinking a matching box end-fed antenna? Any good, low-cost antenna brands?)
Thanks,
-Bill

4644. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 22:48:45 UTC
From: Bill Cally
Topic: 4634 Message: 4644

Bob, maybe I'm getting the capabilities of the PFR-3 confused, but like I asked Keith; due to the PFR-3's Hi-Z switch and its built-in BLT, can't you simply lose the KX3HELPER's end-fed matchbox and just connect a 60' wire to the red PFR-3's terminal and a counterpoise wire to the black terminal? I thought that the PFR-3 could match the high impedance of an end-fed wire without any external matching...

From: "K2QPN@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Thursday, February 25, 2016 9:05 AM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

  I don't think there is a "best" antenna. It is a matter of preference and circumsatance. I use a NorCal doublet made from speaker wire. Cheap and easy. I also use a 31' end fed from KX3HELPER.COM fed with 25' of RG174 coax. Both work well. I have used them with my PFR3, ATS4 + tuner, and KX3.
There are times when it is just not practical to throw up a wire antenna. I keep looking at a magnetic loop antenna - like the AlexLoop. Pricey. Anybody have any experience with them?
Have fun.
73, Bob K2QPN

4645. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 22:51:58 UTC
From: Bill Cally
Topic: 4634 Message: 4645

OK, now I'm getting a bit worried (more like a mild concern, really!), but due to the PFR-3's Hi-Z switch and its built-in BLT, can't you simply lose the external homebrew tuner and just connect a 60' wire to the red PFR-3's terminal and a counterpoise wire to the black terminal? I thought that the PFR-3 could match the high impedance of an end-fed wire without any external matching. I may be missing something here...

From: "beargyrils@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Thursday, February 25, 2016 10:47 AM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

The MAG LOOP is OK if that's all you can have but I get better results just by tossing an end fed wire out of the top of the 4th floor window.I built up a nice tuner for about $20.00.At times I also use an UNUN antenna.Common sense tells me the more wire you have up,the more capture area you have.I think the reason my MAG LOOP worked so well is because the RF got coupled into the steel structure of the building.But i'm no EE and just guessing (on the mag loop)BOB AF2Q In a message dated 2/25/2016 8:30:04 A.M. Pacific Standard Time, pfr3_group@yahoogroups.com writes:
The mag loop has an extremely narrow frequency spread, however.
Keith

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From: John Overbaugh john.overbaugh@gmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Feb 25, 2016 8:45 am
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Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

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blog: sleepytridad.blogspot.com k7jto.blogspot.com YouTube: KF7DVJ

4646. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-25 23:22:03 UTC
From: Roberto Salazar
Topic: 4634 Message: 4646

I have used my PFR-3A with a 34 ft piece (10.4m) of insulated wire on a tree, with 15 ft (4.6m) insulated counterpoise wire laying on the ground. The internal PFR-3 BLT is quite touchy but you get used to it. Never fails. Have tried other portable antennas but always come back to the simplicity of the long wire. It is a small package to pack, light and works well.
http://youtu.be/MR2OZsAvAYo
R.

Sent from my iPad.

> On Feb 25, 2016, at 16:51, Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
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> --
> John Overbaugh, CISSP CHP GWAPT GSLC GCIH
> K7JTO
> blog: sleepytridad.blogspot.com k7jto.blogspot.com
> YouTube: KF7DVJ
>
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>
>

4647. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 00:55:06 UTC
From: beargyrils@...
Topic: 4634 Message: 4647

I never said I have a PFR-3.
I use my end fed on the FOX-3,the HB1A and the HB1B.
BOB AF2Q

In a message dated 2/25/2016 3:22:09 P.M. Pacific Standard Time,
pfr3_group@yahoogroups.com writes:

OK, now I'm getting a bit worried (more like a mild concern, really!), but due to the PFR-3's Hi-Z switch and its built-in BLT, can't you simply lose the external homebrew tuner and just connect a 60' wire to the red PFR-3's terminal and a counterpoise wire to the black terminal? I thought that the PFR-3 could match the high impedance of an end-fed wire without any external matching. I may be missing something here...

4648. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 01:06:21 UTC
From: Dale Putnam
Topic: 4634 Message: 4648

Yes, yes you can.. it works quite well that way.

And the new encoder in the PFR3 with the rotary tuning.. is great!

72,

Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of beargyrils@...
[pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, February 25, 2016 5:55 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

I never said I have a PFR-3.
I use my end fed on the FOX-3,the HB1A and the HB1B.
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In a message dated 2/25/2016 3:22:09 P.M. Pacific Standard Time,
pfr3_group@yahoogroups.com writes:
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4649. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 02:21:29 UTC
From: Bill Cally
Topic: 4634 Message: 4649

Thanks Roberto for confirming my expectations on the PFR-3's antenna capabilities! (Neat video, BTW!)

From: "Roberto Salazar ys1rs@yahoo.com [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Thursday, February 25, 2016 5:22 PM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

I have used my PFR-3A with a 34 ft piece (10.4m) of insulated wire on a tree, with 15 ft (4.6m) insulated counterpoise wire laying on the ground. The internal PFR-3 BLT is quite touchy but you get used to it. Never fails. Have tried other portable antennas but always come back to the simplicity of the long wire. It is a small package to pack, light and works well.http://youtu.be/MR2OZsAvAYoR.

Sent from my iPad.

On Feb 25, 2016, at 16:51, Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

OK, now I'm getting a bit worried (more like a mild concern, really!), but due to the PFR-3's Hi-Z switch and its built-in BLT, can't you simply lose the external homebrew tuner and just connect a 60' wire to the red PFR-3's terminal and a counterpoise wire to the black terminal? I thought that the PFR-3 could match the high impedance of an end-fed wire without any external matching. I may be missing something here...

From: "beargyrils@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Thursday, February 25, 2016 10:47 AM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

The MAG LOOP is OK if that's all you can have but I get better results just by tossing an end fed wire out of the top of the 4th floor window.I built up a nice tuner for about $20.00.At times I also use an UNUN antenna.Common sense tells me the more wire you have up,the more capture area you have.I think the reason my MAG LOOP worked so well is because the RF got coupled into the steel structure of the building.But i'm no EE and just guessing (on the mag loop)BOB AF2Q In a message dated 2/25/2016 8:30:04 A.M. Pacific Standard Time, pfr3_group@yahoogroups.com writes:
The mag loop has an extremely narrow frequency spread, however.
Keith

-----Original Message-----
From: John Overbaugh john.overbaugh@gmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Feb 25, 2016 8:45 am
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Buddistick works great, although if you read up on the QRP alias, you'll find a ton of people abandoning their Buddistick for a mag loop antenna (apparently easier to tune, lighter, etc.).

On Thu, Feb 25, 2016 at 6:22 AM, ckwishmeier@...m [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

Bill,
With both my PFR-3A and my Mountain Topper (both Steve Webber designs) I prefer my Buddipole. Obviously the Buddipole will not fit in a briefcase. When I pack light I use the mini endfz from LNR Precision. That has given me 20M and 40M quite successfully. The mini endfz winds up into a package 6" x 2" x 2". Can't get much smaller than that. The 25 feet of coax is what takes up space. I plan to try tiny RG174 coax in the future. Of course I get the best performance using my home antennas; two dipoles and a tribander up 45 fet!
Keith WA9S

-----Original Message-----
From: Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Feb 24, 2016 11:17 pm
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

That'll be interesting.. bet it works fine with the tuner in the PFR3, it'll always be matched to the tx. 72, Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Bill Cally billcalley@yahoo.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 7:12 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use? Hi Dale,
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Thanks!
-Bill

From: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 7:22 PM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Hi Bill, I've used a balanced antenna, fed with a balanced line.. to use the BLT built into the PRF3. And edz or Dipole.. an 88ft center fed dipole Also have used verticals, and marconi verticals.. The one that worked well without a lot of fooling with was a windom with 300 ohm feeder line. I prefer the balanced antenna and line.. because I don't usually have time to put in an adequate rf ground system. Unless there is one available already there.. like a broadcast station.. radial field. Then our verticals work great!!
Good luck! Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 6:17 PM

To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Best QRP antenna for portable PFR3 use? My Google-Foo may be waning, because I did do a search in this forum and couldn't find any recommendations on the best portable antenna to take on the road with the PFR3. The antenna needs to be small and lightweight enough to fit in a briefcase with the PFR3. Any ideas? (I'm thinking a matching box end-fed antenna? Any good, low-cost antenna brands?)
Thanks,
-Bill

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John Overbaugh, CISSP CHP GWAPT GSLC GCIH
K7JTO
blog: sleepytridad.blogspot.com k7jto.blogspot.com YouTube: KF7DVJ

4650. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 02:23:49 UTC
From: Bill Cally
Topic: 4634 Message: 4650

The YouKits radios are very nice too, but I've always been drawn to the yellow Hendricks!

From: "beargyrils@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Thursday, February 25, 2016 6:55 PM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

I never said I have a PFR-3.I use my end fed on the FOX-3,the HB1A and the HB1B.BOB AF2Q In a message dated 2/25/2016 3:22:09 P.M. Pacific Standard Time, pfr3_group@yahoogroups.com writes:
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4651. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 02:29:57 UTC
From: Bill Cally
Topic: 4634 Message: 4651

Thank for clearing that up, Dale!
Yes, what got me looking again at the PFR-3 was when I found out that the new B model had come out with the rotary encoder. Now, I felt, there were no more compromises that I couldn't get over between it and my K1 -- and the PFR-3 is completely and totally portable with no muss and no fuss!
-Bill

From: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Thursday, February 25, 2016 7:06 PM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

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From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of beargyrils@... [pfr3_group] <pfr3_group@yahoogroups.com>
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4652. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 02:52:40 UTC
From: ckwishmeier@...
Topic: 4634 Message: 4652

Bill,

Yes, however, I have been quite amazed as to how well that matchbox system works. I have tried the long wire with counterpoise approach, inverted vees, dipoles, the Buddipole and the endfz. Keep in mind I am just talking about antennas that I can use while out in the field in a temporary manor and hand carried. My best success had been with the Buddipole set up as a dipole. I have created charts to adjust the antenna quickly in the field rather than require the use of the internal antenna tuner. The problem, of course, is that wire antennas require trees or some other vertical support. So what I use is is dependent on where I am operating from.

Our local radio club ran Field Day as a battery powered QRP operation, no generator and no juice from the mains. For antennas we had two horizontal wire loops and my Butternut vertical (W9AB - 3B in Dec. QST) It was amazing what we were able to do with good antennas. But we did have a dozen hams to help erecting the antennas!

Keith

-----Original Message-----
From: Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Feb 25, 2016 5:40 pm
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Keith, due to the PFR-3's Hi-Z switch and its built-in BLT, can't you lose the EndFedz's matchbox and just connect a 60' wire to the red PFR-3's terminal and a counterpoise wire to the black terminal?

From: "ckwishmeier@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Thursday, February 25, 2016 7:22 AM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Bill,

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Keith
WA9S

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From: Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com>

To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Feb 24, 2016 11:17 pm
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

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Dale - WC7S

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Sent: Wednesday, February 24, 2016 7:12 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Hi Dale,

Sounds logical to me! (Currently at my QTH I have a full length fan dipole, which works fine. Before that I had a 33ft vertical with 33 radials, which also worked fine. I'm now going to try and work on a light-weight, portable version of the fan dipole and see what happens...)

Thanks!

-Bill

From: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
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Then our verticals work great!!

Good luck!
Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
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needs to be small and lightweight enough to fit in a briefcase with the PFR3. Any ideas? (I'm thinking a matching box end-fed antenna? Any good, low-cost antenna brands?)

Thanks,

-Bill

4653. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 03:51:41 UTC
From: Bill Cally
Topic: 4634 Message: 4653

Sounds cool Keith -- I've always liked the Buddy Pole, but cost and size make it a no-go for me.

From: "ckwishmeier@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Thursday, February 25, 2016 8:52 PM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Bill,
Yes, however, I have been quite amazed as to how well that matchbox system works. I have tried the long wire with counterpoise approach, inverted vees, dipoles, the Buddipole and the endfz. Keep in mind I am just talking about antennas that I can use while out in the field in a temporary manor and hand carried. My best success had been with the Buddipole set up as a dipole. I have created charts to adjust the antenna quickly in the field rather than require the use of the internal antenna tuner. The problem, of course, is that wire antennas require trees or some other vertical support. So what I use is is dependent on where I am operating from.
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Keith

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To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Feb 25, 2016 5:40 pm
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

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Sent: Wed, Feb 24, 2016 11:17 pm
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4654. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 13:03:02 UTC
From: ckwishmeier@...
Topic: 4634 Message: 4654

Bill,

We hams tend to put most of our dollars in the radio. I believe the antenna is more important. My next antenna will be a Hygain Hightower. I found one free last fall. All we had to do was take it down and cart it away. I will need to pour a concrete foundation, buy stainless steel hardware to replace the old rusted stuff, do some sanding and painting, erect the tower (two or three guys can do this) and add ground radials.

By the way you can make your own Buddipole dipole by using two Hamsticks. Just set it up as an off center fed dipole. My guess is that there is someone in this group who can tell you how to calculate and adjust the leg lengths.

Keith

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Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Hi Dale,

Sounds logical to me! (Currently at my QTH I have a full length fan dipole, which works fine. Before that I had a 33ft vertical with 33 radials, which also worked fine. I'm now going to try and work on a light-weight, portable version of the fan dipole and see what happens...)

Thanks!

-Bill

From: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 7:22 PM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Hi Bill,
I've used a balanced antenna, fed with a balanced line.. to use the BLT built into the PRF3. And edz or Dipole.. an 88ft center fed dipole
Also have used verticals, and marconi verticals.. The one that worked well without a lot of fooling with
was a windom with 300 ohm feeder line. I prefer the balanced antenna and line.. because I don't usually have time
to put in an adequate rf ground system. Unless there is one available already there.. like a broadcast station.. radial field.
Then our verticals work great!!

Good luck!
Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 6:17 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Best QRP antenna for portable PFR3 use?

My Google-Foo may be waning, because I did do a search in this forum and couldn't find any recommendations on the best portable antenna to take on the road with the PFR3. The antenna needs to be small and lightweight enough to fit in a briefcase with the PFR3. Any ideas? (I'm thinking a matching box end-fed antenna? Any good, low-cost antenna brands?)

Thanks,

-Bill

4655. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 15:48:40 UTC
From: Steven Weber
Topic: 4634 Message: 4655

Yes, you can match directly to a long wire. Something approching 1/2 wave is ideal, but can be significantly shorter and still find a match. However, if you get much shorter then 1/4 wave, you may not be able to match as the impedance will be too low.

End feed antennas are by far the easiest to set up, provided you have a suitable tree branch near-by.

Steve KD1JV

OK, now I'm getting a bit worried (more like a mild concern, really!), but due to the PFR-3's Hi-Z switch and its built-in BLT, can't you simply lose the external homebrew tuner and just connect a 60' wire to the red PFR-3's terminal and a counterpoise wire to the black terminal? I thought that the PFR-3 could match the high impedance of an end-fed wire without any external matching. I may be missing something here...

4656. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 18:24:13 UTC
From: Bill Cally
Topic: 4634 Message: 4656

Thanks Keith.
Best of luck with the Hygain Hytower -- quite a project, but the fulfillment of every ham's antenna dream is to have a tower with a beautiful Yagi on top!
-Bill

From: "ckwishmeier@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Friday, February 26, 2016 7:03 AM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Bill,
We hams tend to put most of our dollars in the radio. I believe the antenna is more important. My next antenna will be a Hygain Hightower. I found one free last fall. All we had to do was take it down and cart it away. I will need to pour a concrete foundation, buy stainless steel hardware to replace the old rusted stuff, do some sanding and painting, erect the tower (two or three guys can do this) and add ground radials.
By the way you can make your own Buddipole dipole by using two Hamsticks. Just set it up as an off center fed dipole. My guess is that there is someone in this group who can tell you how to calculate and adjust the leg lengths.
Keith

-----Original Message-----
From: Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Feb 25, 2016 10:51 pm
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Sounds cool Keith -- I've always liked the Buddy Pole, but cost and size make it a no-go for me.

From: "ckwishmeier@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Thursday, February 25, 2016 8:52 PM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Bill,
Yes, however, I have been quite amazed as to how well that matchbox system works. I have tried the long wire with counterpoise approach, inverted vees, dipoles, the Buddipole and the endfz. Keep in mind I am just talking about antennas that I can use while out in the field in a temporary manor and hand carried. My best success had been with the Buddipole set up as a dipole. I have created charts to adjust the antenna quickly in the field rather than require the use of the internal antenna tuner. The problem, of course, is that wire antennas require trees or some other vertical support. So what I use is is dependent on where I am operating from.
Our local radio club ran Field Day as a battery powered QRP operation, no generator and no juice from the mains. For antennas we had two horizontal wire loops and my Butternut

vertical (W9AB - 3B in Dec. QST) It was amazing what we were able to do with good antennas. But we did have a dozen hams to help erecting the antennas!
Keith

-----Original Message-----
From: Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Thu, Feb 25, 2016 5:40 pm
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Keith, due to the PFR-3's Hi-Z switch and its built-in BLT, can't you lose the EndFedz's matchbox and just connect a 60' wire to the red PFR-3's terminal and a counterpoise wire to the black terminal?

From: "ckwishmeier@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Thursday, February 25, 2016 7:22 AM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Bill,
With both my PFR-3A and my Mountain Topper (both Steve Webber designs) I prefer my Buddipole. Obviously the Buddipole will not fit in a briefcase. When I pack light I use the mini endfz from LNR Precision. That has given me 20M and 40M quite successfully. The mini endfz winds up into a package 6" x 2" x 2". Can't get much smaller than that. The 25 feet of coax is what takes up space. I plan to try tiny RG174 coax in the future. Of course I get the best performance using my home antennas; two dipoles and a tribander up 45 fet!
KeithWA9S

-----Original Message-----
From: Dale Putnam daleputnam@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Wed, Feb 24, 2016 11:17 pm
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

That'll be interesting.. bet it works fine with the tuner in the PFR3, it'll always be matched to the tx.72, Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 7:12 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use? Hi Dale,
Sounds logical to me! (Currently at my QTH I have a full length fan dipole, which works fine. Before that I had a 33ft vertical with 33 radials, which also worked fine. I'm now going to try and work on a light-weight, portable version of the fan dipole and see what happens...)
Thanks!
-Bill

From: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 7:22 PM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Hi Bill, I've used a balanced antenna, fed with a balanced line.. to use the BLT built into the PRF3. And edz or Dipole.. an 88ft center fed dipole Also have used verticals, and marconi verticals.. The one that worked well without a lot of fooling withwas a windom with 300 ohm feeder line. I prefer the balanced antenna and line.. because I don't usually have timeto put in an adequate rf ground system. Unless there is one available already there.. like a broadcast station.. radial field.Then our verticals work great!!
Good luck!Dale - WC7S

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Wednesday, February 24, 2016 6:17 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Best QRP antenna for portable PFR3 use? My Google-Foo may be waning, because I did do a search in this forum and couldn't find any recommendations on the best portable antenna to take on the road with the PFR3. The antenna needs to be small and lightweight enough to fit in a briefcase with the PFR3. Any ideas? (I'm thinking a matching box end-fed antenna? Any good, low-cost antenna brands?)
Thanks,
-Bill

4657. Re: Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 18:24:24 UTC
From: a1aop@...
Topic: 4634 Message: 4657

I know it doesn't exactly fit the criteria, but WA3WSJ's version of the Black Widow vertical works great for me. No tuner or sky hooks needed, set-up in less than 5 minutes. The station fits in a kid's backpack and the collapsed crappie pole doubles as a hiking stick. The bands match my first run PFR3. For me it's the Easy Button of portable antennas, and the price is right!

I've worked EU and the west coast from a second story balcony at the Jersey shore. The West Coast station was a young ham on 20m running a Tuna tin xmtr with a Radio Shack rx. Fun stuff.

Jerry N3HAM

BW http://wa3wsj.homestead.com/BW.html

http://wa3wsj.homestead.com/BW.html

BW http://wa3wsj.homestead.com/BW.html Welcome to my Black Widow Vertical Antenna Page. Because I received numerous requests for more information about this wonderful ant...

View on wa3wsj.homestead.com http://wa3wsj.homestead.com/BW.html
Preview by Yahoo

4658. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 18:32:21 UTC
From: Bill Cally
Topic: 4634 Message: 4658

Thanks for the answer, Steve! Then I figure on having a 70' end-fed (placed vertically when possible) wire and three or four 20' radials (so people don't break their necks with a single, longer radial). I work only 40 and 20 Meters, so this should be pretty ideal, I would think.
73!
-Bill

From: "'Steven Weber' steve.kd1jv@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Friday, February 26, 2016 9:48 AM
Subject: Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

☐Yes, you can match directly to a long wire. Something approching 1/2 wave is ideal, but can be significantly shorter and still find a match. However, if you get much shorter then 1/4 wave, you may not be able to match as the impedance will be too low. End feed antennas are by far the easiest to set up, provided you have a suitable tree branch near-by.
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OK, now I'm getting a bit worried (more like a mild concern, really!), but due to the PFR-3's Hi-Z switch and its built-in BLT, can't you simply lose the external homebrew tuner and just connect a 60' wire to the red PFR-3's terminal and a counterpoise wire to the black terminal? I thought that the PFR-3 could match the high impedance of an end-fed wire without any external matching. I may be missing something here...

4659. Re: [pfr3_group] Re: Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 18:37:11 UTC
From: Bill Cally
Topic: 4634 Message: 4659

Thanks Jerry; I'm about to go to your BW page as we speak. (And WOW, that's quite a callsign you have there. You won the FCC lottery big time!)
-Bill

From: "a1aop@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Friday, February 26, 2016 12:24 PM
Subject: [pfr3_group] Re: Best QRP antenna for portable PFR3 use?

I know it doesn't exactly fit the criteria, but WA3WSJ's version of the Black Widow vertical works great for me. No tuner or sky hooks needed, set-up in less than 5 minutes. The station fits in a kid's backpack and the collapsed crappie pole doubles as a hiking stick. The bands match my first run PFR3. For me it's the Easy Button of portable antennas, and the price is right!

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Jerry N3HAM

BW
| |
| | | | BW Welcome to my Black Widow Vertical Antenna Page. Because I received numerous requests for more information about this wonderful ant... | |
| View on wa3wsj.homestead.com | Preview by Yahoo |
| |

4660. Re: [pfr3_group] Re: Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 19:16:09 UTC
From: a1aop@...
Topic: 4634 Message: 4660

Thanks Bill, it picked me I didn't pick it since it's an issued call. Still waiting on Power Ball or Mega Millions though, hi.

I found the coil to be any easy build, though I did use very small tapping screws into the PVC coil form to hold the straps on, aided by a good amount of JB Weld epoxy. I did do some filing of the intrusive tips with some epoxy over that. Also did the coating Ed describes but I don't think it's needed.

I forgot to mention that the short piece of PVC tube to elevate the mast and subsequently the feed point is important. Don't go by the pic of the guy on the beach, there should be about two feet of tube it should be sitting on. It must fit several inches into the bottom of the mast so some kind of stop must be wrapped around the tube. I used a small piece of foam over wrapped with electrical tape.

I've bungied it to picnic tables where I couldn't even drive a tent peg in and to wooden railings. Like I said, easy. Good Luck if you try it. Maybe you will hear Ed from the Appalachian trail with his.

Jerry

4661. Re: [pfr3_group] Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-26 21:16:38 UTC
From: K2QPN@...
Topic: 4634 Message: 4661

I could have used a couple of pieces of wire. I already had the end fed so I used it. I was at Disney World's Grand Floridian hotel on the fifth floor. I tied the match box the the balcony with the coax and dangled the wire over the edge. I was on the air.

73, Bob K2QPN

4662. Re: [pfr3_group] Pfr3

Yahoo group: pfr3_group
Date: 2016-02-27 02:22:31 UTC
From: jeff.berg77@...
Topic: 4618 Message: 4662

Hello Dale-- I don't trust myself with the build, and need your skills on a PFR-3B. Need to get it touch with you. Thanks.
Jeff Berg
KG7NWC in ID

4663. Re: [pfr3_group] Re: Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-27 03:21:32 UTC
From: Bill Cally
Topic: 4634 Message: 4663

Sounds very good, Jerry!
-Bill

From: "a1aop@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Friday, February 26, 2016 1:16 PM
Subject: Re: [pfr3_group] Re: Best QRP antenna for portable PFR3 use?

Thanks Bill, it picked me I didn't pick it since it's an issued call. Still waiting on Power Ball or Mega Millions though, hi.

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Jerry

4664. Re: Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-27 13:49:25 UTC
From: wb8yyy@...
Topic: 4634 Message: 4664

Wow some of these answers did not address the question at all ! I wonder if some of these folk are running for president?

Someone on the list once suggested an off-center fed dipole. Length not that critical but I did a half wave for 30m, maybe 47 or so feet fed at 1/3rd point. Nice radiator for all three bands. the antenna is quite compact, trick is finding small enough balanced line - but 300 ohm twin lead works as it is what I used here.

of course my answer is biased by being in places with trees to hold this antenna up. also I used it once from a high rise apartment with a sunroom.

73 Curt

4665. Re: [pfr3_group] Re: Best QRP antenna for portable PFR3 use? Quid Pro Quo at its best!

Yahoo group: pfr3_group
Date: 2016-02-27 14:42:11 UTC
From: lahagar1@...
Topic: 4634 Message: 4665

Curt,

I was considering buying another PFR3 - but somebody said one of the presidential candidates promised to give free radios to any needy hams - to be paid for by a tax on radio equipment manufacturers... True?

Anyway, I agree with Curt on the short OCF antenna and the feedline can just be a loose twisted pair. Steve Weber's built-in ATU handles that FB. Of course his PFR3 tuner handles all kinds of antennas: my PFR3 hasn't met a wire it didn't like, if you follow Steve's advice and make sure it has sufficient length.

In my opinion, the fun of it all is going outside with a spool of wire and experimenting. Someone on this tread said they were going to get a KD1JV-PFR3. Now is a perfect time to put one together - for warm weather fun!

73,
Lynn
NG9D
www.YouTube.com/NG9D

-----Original Message-----
From: wb8yyy@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Feb 27, 2016 7:49 am
Subject: [pfr3_group] Re: Best QRP antenna for portable PFR3 use?

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73 Curt

4666. Re: [pfr3_group] Re: Best QRP antenna for portable PFR3 use?

Yahoo group: pfr3_group
Date: 2016-02-27 18:22:07 UTC
From: Bill Cally
Topic: 4634 Message: 4666

Thanks for the feedback, Curt!
73,
-Bill

From: "wb8yyy@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Saturday, February 27, 2016 7:49 AM
Subject: [pfr3_group] Re: Best QRP antenna for portable PFR3 use?

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73 Curt

4667. Re: [pfr3_group] Re: Best QRP antenna for portable PFR3 use? Quid Pro Quo at its best!

Yahoo group: pfr3_group
Date: 2016-02-27 18:24:16 UTC
From: Bill Cally
Topic: 4634 Message: 4667

"I was considering buying another PFR3 - but somebody said one of the presidential candidates promised to give free radios to any needy hams - to be paid for by a tax on radio equipment manufacturers... True?"
You have a very wry sense of humor, Lynn!!
-Bill

From: "lahagar1@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Saturday, February 27, 2016 8:42 AM
Subject: Re: [pfr3_group] Re: Best QRP antenna for portable PFR3 use? Quid Pro Quo at its best!

  Curt,
I was considering buying another PFR3 - but somebody said one of the presidential candidates promised to give free radios to any needy hams - to be paid for by a tax on radio equipment manufacturers... True?
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73,LynnNG9Dwww.YouTube.com/NG9D

-----Original Message-----
From: wb8yyy@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Feb 27, 2016 7:49 am
Subject: [pfr3_group] Re: Best QRP antenna for portable PFR3 use?

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73 Curt

4668. Re: [pfr3_group] Re: Best QRP antenna for portable PFR3 use? Quid Pro Quo at its best!

Yahoo group: pfr3_group
Date: 2016-02-28 19:32:50 UTC
From: wb8yyy@...
Topic: 4634 Message: 4668

Lynn I would be a little more careful selecting rf feedline than a twisted pair. If the motivation were only to get a little signal to the end it would work. Folk hsve used ac lamp cord, but I have seen some rather high loss measured for this. You can imagine this loss is in the dielectric with all this field concentrated on it. I suggest using twin lead if you can get some.

Sure the pfr3 is a great field radio for those of us content with a few bands and aren't carrying it many miles.

73 curt

4669. Re: [pfr3_group] Re: Best QRP antenna for portable PFR3 use? [So much fun, for so little money]

Yahoo group: pfr3_group
Date: 2016-02-29 01:35:07 UTC
From: lahagar1@...
Topic: 4634 Message: 4669

Curt,

Thanks, sounds good!

I am using that loop antenna with the simple feeder and a $3.50 CW transceiver kit I got from Shenzen, Guandong province China: It puts out 800mW at 12V. Here is the most recent QSO with that loop and the little rig - filtered audio for your listening enjoyment!
https://youtu.be/LoBsF0Jo8uw

The unfiltered (honest) demo is here:
https://youtu.be/LoBsF0Jo8uw

If anyone is really interested, here are all the videos on a playlist that includes slides of the build and a nice recording of the PIXIE that Carl/WB0CFF made on his Orion:
https://www.youtube.com/watch?v=oNu0kqH5Jnw&list=PLFiIJJI5T2wfSfddvYLS84k7x97pj-we8

So much fun, for so little money.

You can get a kit for $3.59 with free economy shipping here
http://www.ebay.com/itm/DIY-RADIO-40M-CW-Shortwave-Transmitter-QRP-Pixie-Kit-Receiver-7-023-7-026MHz/321745589972?_trksid=p2141725.c100338.m3726&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D20141212152715%26meid%3Dfc5bc277094c442fbdf1ae1984af381a%26pid%3D100338%26rk%3D1%26rkt%3D28%26mehot%3Dpp%26sd%3D171805763798

Or spend a few bucks more on Amazon, I ordered one on Amazon for 6.95 including shipping - and they sent me two instead!

But, I know PFR3, and the Pixie is no PFR3!

73
Lynn

-----Original Message-----
From: wb8yyy@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sun, Feb 28, 2016 1:32 pm
Subject: Re: [pfr3_group] Re: Best QRP antenna for portable PFR3 use? Quid Pro Quo at its best!

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Sure the pfr3 is a great field radio for those of us content with a few bands and aren't carrying it many miles.

73 curt

4670. PFR-3 vs MFJ-9200 for size

Yahoo group: pfr3_group
Date: 2016-03-11 19:21:52 UTC
From: gumby@...
Topic: 4670 Message: 4670
Attachments: 1 described; binary payloads are missing from this source WARC

Thought I'd post a size comparison for a PFR-3 and the MFJ-9200. I don't know why, but for some reason thought they would be closer in size.

Anyway, will be out this weekend to see who I can work with my new-to-me PFR-3!

Don//KL7KN

4671. RE: [pfr3_group] PFR-3 vs MFJ-9200 for size [1 Attachment]

Yahoo group: pfr3_group
Date: 2016-03-11 20:48:53 UTC
From: Ken Talbott
Topic: 4670 Message: 4671

You forgot to include the tuner that goes with the MFJ-9200.

Ken ke4rg

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]
Sent: Friday, March 11, 2016 2:22 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3 vs MFJ-9200 for size [1 Attachment]

[Attachment(s) from gumby@... <mailto:gumby@...> [pfr3_group] included below]

Thought I'd post a size comparison for a PFR-3 and the MFJ-9200. I don't know why, but for some reason thought they would be closer in size.

Anyway, will be out this weekend to see who I can work with my new-to-me PFR-3!

Don//KL7KN

4672. Re: [pfr3_group] PFR-3 vs MFJ-9200 for size [1 Attachment]

Yahoo group: pfr3_group
Date: 2016-03-11 21:52:24 UTC
From: Dale Putnam
Topic: 4670 Message: 4672

Hi Don,

You have the sizing just about right... the photo tells it all..

the BLT tuner with swr bridge that is built into the PFR3 is what is the extra size.

What tuner you need with the other rig.. is up for grabs.. as it would be when carrying both radio and tuner.

Have a great day,

--... ...-- Dale - WC7S in Wy

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of gumby@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Friday, March 11, 2016 12:21 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3 vs MFJ-9200 for size [1 Attachment]

[Attachment(s) from gumby@... [pfr3_group] included below]

Thought I'd post a size comparison for a PFR-3 and the MFJ-9200. I don't know why, but for some reason thought they would be closer in size.

Anyway, will be out this weekend to see who I can work with my new-to-me PFR-3!

Don//KL7KN

4673. RE: [pfr3_group] PFR-3 vs MFJ-9200 for size [1 Attachment]

Yahoo group: pfr3_group
Date: 2016-03-12 02:53:02 UTC
From: gumby@...
Topic: 4670 Message: 4673

Hey Ken,

Resonant antenna - so no tuner - at least on 20M. Otherwise I have a little SOTA tuner...

Cool stuff.

Don//KL7KN

4676. FOX: FOXTRAVAGANZA!

Yahoo group: pfr3_group
Date: 2016-04-04 21:57:18 UTC
From: Dale Putnam
Topic: 4676 Message: 4676

Announcing:
FOXTRAVAGANZA!

The Winter 2015-2016 FOXTRAVAGANZA will take place on Thursday, April 7th, 2016. All 40 and 80 Meter Foxes, Alternates, and the QRP Foxhunt Committee can call CQ FOX on either 40 or 80 Meters. How many can you work? There will be no official scoring, just feel free to brag (or complain) on the QFOX List<https://groups.yahoo.com/neo/groups/qfox/info> or Facebook<https://www.facebook.com/groups/219719414724171/>!

4677. Convert PFR-3's QSK to PTT?

Yahoo group: pfr3_group
Date: 2016-04-07 05:19:23 UTC
From: billcalley@...
Topic: 4677 Message: 4677

I really hate fast QSK. Always have. And with the PFR-3, during high QRM and QRN periods, I can't hear the sidetone, so I have to manually turn down the volume anyway, so an added "PTT" toggle switch would make things much easier for me.

How can I accomplish this? If there is no way, then can I at least add a QSK delay for about half a second or so?

Thanks!!

-Cotter (KZ3J)

4678. Re: [pfr3_group] Convert PFR-3's QSK to PTT?

Yahoo group: pfr3_group
Date: 2016-04-07 12:00:47 UTC
From: Dale Putnam
Topic: 4677 Message: 4678

Hi Cotter,

How about a sidetone volume control? So the sidetone could be louder or softer, according to

conditions?

Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@...m [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Wednesday, April 6, 2016 11:19 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Convert PFR-3's QSK to PTT?

I really hate fast QSK. Always have. And with the PFR-3, during high QRM and QRN periods, I can't hear the sidetone, so I have to manually turn down the volume anyway, so an added "PTT" toggle switch would make things much easier for me.

How can I accomplish this? If there is no way, then can I at least add a QSK delay for about half a second or so?

Thanks!!

-Cotter (KZ3J)

4679. Re: [pfr3_group] Convert PFR-3's QSK to PTT?

Yahoo group: pfr3_group
Date: 2016-04-07 13:08:28 UTC
From: Steven Weber
Topic: 4677 Message: 4679

The simplest way would be to wire a toggle switch to short the wiper of the volume control to ground. Side tone is injected directly into the audio amp via it's second input so that is not affected.

Changing the QSK timing would involve modifying the firmware for the processor.
Steve KD1JV
I really hate fast QSK. Always have. And with the PFR-3, during high QRM and QRN periods, I can't hear the sidetone, so I have to manually turn down the volume anyway, so an added "PTT" toggle switch would make things much easier for me.

How can I accomplish this? If there is no way, then can I at least add a QSK delay for about half a second or so?

Thanks!!

-Cotter (KZ3J)

4680. Re: [pfr3_group] Convert PFR-3's QSK to PTT?

Yahoo group: pfr3_group
Date: 2016-04-07 17:17:26 UTC
From: Bill Cally
Topic: 4677 Message: 4680
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Steve and Dale! Wow, a response from both the designer and the builder of my rig; fantastic! Both ideas are great, but I think I will go with Steve's method, since a toggle switch is how I converted most of my older QSK radios. (BTW guys, I have completely replaced my beloved K1 with the PFR-3 as my home (and field) radio. Picture enclosed).

Thanks again!

From: "'Steven Weber' steve.kd1jv@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Thursday, April 7, 2016 8:08 AM
Subject: Re: [pfr3_group] Convert PFR-3's QSK to PTT?

☐The simplest way would be to wire a toggle switch to short the wiper of the volume control to ground. Side tone is injected directly into the audio amp via it's second input so that is not affected. Changing the QSK timing would involve modifying the firmware for the processor. Steve KD1JV
I really hate fast QSK. Always have. And with the PFR-3, during high QRM and QRN periods, I can't hear the sidetone, so I have to manually turn down the volume anyway, so an added "PTT" toggle switch would make things much easier for me.

How can I accomplish this? If there is no way, then can I at least add a QSK delay for about half a second or so?
Thanks!!
-Cotter (KZ3J)

4681. RIT not working on new PFR-3 build??

Yahoo group: pfr3_group
Date: 2016-04-08 07:11:14 UTC
From: billcalley@...
Topic: 4681 Message: 4681

Dear Gentlemen,

I am running my brand new PFR-3 through its paces, and I noticed that when I tried to use the RIT during a 40M QSO tonight, that not only did RIT not change the tone of the off-frequency sender, but also when I moved the tuning knob up (in RIT mode) it actually muted the RX! The only way I got the RX back in operation, oddly, was to press the TX key by sending out a single dit. Any ideas guys?

Many thanks,

-Cotter

4682. Re: [pfr3_group] RIT not working on new PFR-3 build??

Yahoo group: pfr3_group
Date: 2016-04-08 19:57:26 UTC
From: Steven Weber
Topic: 4681 Message: 4682

That is odd, have no idea how that could happen. Check for solder shorts or opens around the processor socket. I double checked the operation and it works fine as far as the firmware is concerned.

Steve KD1JV
Dear Gentlemen,

I am running my brand new PFR-3 through its paces, and I noticed that when I tried to use the RIT during a 40M QSO tonight, that not only did RIT not change the tone of the off-frequency sender, but also when I moved the tuning knob up (in RIT mode) it actually muted the RX! The only way I got the RX back in operation, oddly, was to press the TX key by sending out a single dit. Any ideas guys?

-Cotter

4683. Re: [pfr3_group] RIT not working on new PFR-3 build??

Yahoo group: pfr3_group
Date: 2016-04-08 22:04:04 UTC
From: Bill Cally
Topic: 4681 Message: 4683

Hi Steve,
  Thanks for the response. I checked, and I don't see any solder bridges at or around the MPU. Just a thought: can I replace the MPU with any ATMEGA48, or does it have on-board firmware that must be present? (In that case, I could hopefully buy the U4 part from QRPKITS.com).
-Cotter

From: "'Steven Weber' steve.kd1jv@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Friday, April 8, 2016 2:57 PM
Subject: Re: [pfr3_group] RIT not working on new PFR-3 build??

☐That is odd, have no idea how that could happen. Check for solder shorts or opens around the processor socket. I double checked the operation and it works fine as far as the firmware is concerned. Steve KD1JV
Dear Gentlemen, I am running my brand new PFR-3 through its paces, and I noticed that when I tried to use the RIT during a 40M QSO tonight, that not only did RIT not change the tone of the off-frequency sender, but also when I moved the tuning knob up (in RIT mode) it actually muted the RX! The only way I got the RX back in operation, oddly, was to press the TX key by sending out a single dit. Any ideas guys? -Cotter

4684. Re: [pfr3_group] RIT not working on new PFR-3 build??

Yahoo group: pfr3_group
Date: 2016-04-09 22:01:17 UTC
From: Steven Weber
Topic: 4681 Message: 4684

It has to be programmed with the approperate firmware, a chip you buy from a distrubuter is blank. If everthing else works properly, I have a hard time believing that one function would not work as it should.

If the display segment test stays on for 8 seconds and there is no sidetone, then the processor needs to be replaced as the clock fuse bit was not set. But if you have sidetone and the segment test is 1 sec long, then you have a good chip.

Steve

Hi Steve,

Thanks for the response. I checked, and I don't see any solder bridges at or around the MPU. Just a thought: can I replace the MPU with any ATMEGA48, or does it have on-board firmware that must be present? (In that case, I could hopefully buy the U4 part from QRPKITS.com).

-Cotter

From: "'Steven Weber' steve.kd1jv@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Friday, April 8, 2016 2:57 PM
Subject: Re: [pfr3_group] RIT not working on new PFR-3 build??

☐
That is odd, have no idea how that could happen. Check for solder shorts or opens around the processor socket. I double checked the operation and it works fine as far as the firmware is concerned.

Steve KD1JV
Dear Gentlemen,
I am running my brand new PFR-3 through its paces, and I noticed that when I tried to use the RIT during a 40M QSO tonight, that not only did RIT not change the tone of the off-frequency sender, but also when I moved the tuning knob up (in RIT mode) it actually muted the RX! The only way I got the RX back in operation, oddly, was to press the TX key by sending out a single dit. Any ideas guys?
-Cotter

4685. Re: [pfr3_group] RIT not working on new PFR-3 build??

Yahoo group: pfr3_group
Date: 2016-04-09 23:26:17 UTC
From: Bill Cally
Topic: 4681 Message: 4685

Hi Steve,
  Yes, the segment test is as it should be and I do have sidetone.
  This morning I took out the PCB, scrubbed it to remove any slight residual rosin and any possible solder shards, and inspected the entire top and bottom of the board with a magnifying glass. Still no joy in finding a solder bridge or a bad/unsoldered joint.
   I'm at a loss if it's not the MPU.

Best,

-Cotter

From: "'Steven Weber' steve.kd1jv@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: pfr3_group@yahoogroups.com
Sent: Saturday, April 9, 2016 5:01 PM
Subject: Re: [pfr3_group] RIT not working on new PFR-3 build??

☐It has to be programmed with the approperate firmware, a chip you buy from a distrubuter is blank. If everthing else works properly, I have a hard time believing that one function would not work as it should. If the display segment test stays on for 8 seconds and there is no sidetone, then the processor needs to be replaced as the clock fuse bit was not set. But if you have sidetone and the segment test is 1 sec long, then you have a good chip. Steve

Hi Steve,
  Thanks for the response. I checked, and I don't see any solder bridges at or around the MPU. Just a thought: can I replace the MPU with any ATMEGA48, or does it have on-board firmware that must be present? (In that case, I could hopefully buy the U4 part from QRPKITS.com).
-Cotter

From: "'Steven Weber' steve.kd1jv@... [pfr3_group]" <pfr3_group@...m>
To: pfr3_group@yahoogroups.com
Sent: Friday, April 8, 2016 2:57 PM
Subject: Re: [pfr3_group] RIT not working on new PFR-3 build??

☐ That is odd, have no idea how that could happen. Check for solder shorts or opens around the processor socket. I double checked the operation and it works fine as far as the firmware is concerned. Steve KD1JV
Dear Gentlemen, I am running my brand new PFR-3 through its paces, and I noticed that when I tried to use the RIT during a 40M QSO tonight, that not only did RIT not change the tone of the off-frequency sender, but also when I moved the tuning knob up (in RIT mode) it actually muted the RX! The only way I got the RX back in operation, oddly, was to press the TX key by sending out a single dit. Any ideas guys? -Cotter

4686. Re: [pfr3_group] RIT not working on new PFR-3 build??

Yahoo group: pfr3_group
Date: 2016-04-10 03:47:01 UTC
From: billcalley@...
Topic: 4681 Message: 4686

Steve, another ultra weird thing I just noticed with my PFR-3B that I should have noticed before (but it may be intermittent), is that I can feed the PFR with a single tone from a sig gen (or hear an on-air QSO) , and then tune the PFR +/- 2KHz, and the CW tone does not change in pitch nor volume, nor does it drop out of the crystal filter's bandpass until I reach the +/- 2KHz edges -- and then the CW sig drops out like a stone (but the pitch NEVER changes). What the hell??

-Cotter (KZ3J)
PS: Steve, if you doubt my sanity/competence with these very strange PFR issues, please go to: "https://www.linkedin.com/in/cottersayre?trk=nav_responsive_tab_profile_pic"

4687. Re: [pfr3_group] RIT not working on new PFR-3 build??

Yahoo group: pfr3_group
Date: 2016-04-10 18:16:54 UTC
From: billcalley@...
Topic: 4681 Message: 4687

Uggg! It is the most annoying of problems; a darn intermittent. Both tuning and RIT are now working as they should. This will be a tough one to track down. I sure wish things would stay broken!

4688. Re: [pfr3_group] RIT not working on new PFR-3 build??

Yahoo group: pfr3_group
Date: 2016-04-10 19:17:14 UTC
From: Dale Putnam
Topic: 4681 Message: 4688
Attachments: 1 described; binary payloads are missing from this source WARC

This is when it is a challenge to see who wins.. you.. or Murphy... [609]

Good Luck,

Have a great day,
--... ...-- Dale - WC7S in Wy

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@...
[pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Sunday, April 10, 2016 12:16 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] RIT not working on new PFR-3 build??

Uggg! It is the most annoying of problems; a darn intermittent. Both tuning and RIT are now working as they should. This will be a tough one to track down. I sure wish things would stay broken! [https://s.yimg.com/ok/u/assets/img/emoticons/emo11.gif]

4689. Re: [pfr3_group] RIT not working on new PFR-3 build??

Yahoo group: pfr3_group
Date: 2016-04-10 19:31:13 UTC
From: Bill Cally
Topic: 4681 Message: 4689
Attachments: 1 described; binary payloads are missing from this source WARC

...and Murphy never loses! But I'm going to see if I can sneak up behind him and knock him out for a while with my Louisville Slugger...

From: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Sunday, April 10, 2016 2:17 PM
Subject: Re: [pfr3_group] RIT not working on new PFR-3 build??

  This is when it is a challenge to see who wins.. you.. or Murphy... Good Luck,
Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@...
[pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Sunday, April 10, 2016 12:16 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] RIT not working on new PFR-3 build?? Uggg! It is the most annoying of problems; a darn intermittent. Both tuning and RIT are now working as they should. This will be a tough one to track down. I sure wish things wouldstay broken!

4690. Re: [pfr3_group] RIT not working on new PFR-3 build??

Yahoo group: pfr3_group
Date: 2016-04-16 20:39:13 UTC
From: billcalley@...
Topic: 4681 Message: 4690
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Dale,

...and as I said before, Murphy never loses: I just found out that qrpkits.com never sent out the processor. Looks like they forgot to. Wonderful. But please don't forget about me; I might get a processor from them eventually, but I'll probably still need your troubleshooting expertise because the PFR-3 will most likely still not work after the swap! (Yes, Murphy never sleeps).

-Cotter

4691. Re: [pfr3_group] RIT not working on new PFR-3 build?? [1 Attachment]

Yahoo group: pfr3_group
Date: 2016-04-17 00:54:23 UTC
From: Dale Putnam
Topic: 4681 Message: 4691

Well.. ok.. how about this.. I know they are good for it.. how about you send the PFR3 to me, and I'll swap

a new processor in and do a final check out?

Have a great day,
--... ...-- Dale - WC7S in Wy

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@... [pfr3_group] <pfr3_group@...m>
Sent: Saturday, April 16, 2016 2:39 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] RIT not working on new PFR-3 build?? [1 Attachment]

[Attachment(s) from billcalley@... [pfr3_group] included below]

Hi Dale,

...and as I said before, Murphy never loses: I just found out that qrpkits.com never sent out the processor. Looks like they forgot to. Wonderful. But please don't forget about me; I might get a processor from them eventually, but I'll probably still need your troubleshooting expertise because the PFR-3 will most likely still not work after the swap! (Yes, Murphy never sleeps).

-Cotter

4692. Re: [pfr3_group] RIT not working on new PFR-3 build??

Yahoo group: pfr3_group
Date: 2016-04-17 16:33:39 UTC
From: Bill Cally
Topic: 4681 Message: 4692

That sounds great, Dale! As soon as we get back in town in a few days, I will send it out to you, along with the return mail postage.

Thanks!

-Cotter

From: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Saturday, April 16, 2016 7:54 PM
Subject: Re: [pfr3_group] RIT not working on new PFR-3 build??

  Well.. ok.. how about this.. I know they are good for it.. how about you send the PFR3 to me, and I'll swapa new processor in and do a final check out?
Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, April 16, 2016 2:39 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] RIT not working on new PFR-3 build?? [1 Attachment] [Attachment(s) from billcalley@... [pfr3_group] included below]Hi Dale,

...and as I said before, Murphy never loses: I just found out that qrpkits.com never sent out the processor. Looks like they forgot to. Wonderful. But please don't forget about me; I might get a processor from them eventually, but I'll probably still need your troubleshooting expertise because the PFR-3 will most likely still not work after the swap! (Yes, Murphy never sleeps).

-Cotter

4693. Adjusting audio filter's bandpass

Yahoo group: pfr3_group
Date: 2016-04-23 20:15:43 UTC
From: billcalley@...
Topic: 4693 Message: 4693
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Guys,

I read the PFR-3 manual on calibration, but I'm still not quite sure how to adjust the audio filter's bandpass to center it on 600Hz (the side tone's frequency). As you can see by the screenshot, the RX filtering is a bit too high. I don't want to futz up a good build, but I'm kind of OCD about this kind of thing...

Thanks,

-Bill

4694. Re: Adjusting audio filter's bandpass

Yahoo group: pfr3_group
Date: 2016-04-23 20:57:02 UTC
From: wb8yyy@...
Topic: 4693 Message: 4694

Bill

Its been a while, but I am thinking there msy be an adjustment on a crystal oscillator in the receive chain. The transmit to receive offset is encoded into the controller IC along with the pitch. If this bfo is off, yes the signal will be offset as you suggest. Scan the board for presence of a trimmer cap and an alignment step. If this isn't it the experts will be by here again.

73 curt

4695. Re: [pfr3_group] Adjusting audio filter's bandpass [1 Attachment]

Yahoo group: pfr3_group
Date: 2016-04-23 21:55:01 UTC
From: Dale Putnam
Topic: 4693 Message: 4695

Hi Bill,

Page 11 outlines precise instructions for what to adjust... to center the passband/sidetone/calibration.

Remember, each time calibration is entered.. the 10mhz osc must be calibrated also.

Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@yahoo.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, April 23, 2016 2:15 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Adjusting audio filter's bandpass [1 Attachment]

[Attachment(s) from billcalley@yahoo.com [pfr3_group] included below]

Hi Guys,

I read the PFR-3 manual on calibration, but I'm still not quite sure how to adjust the audio filter's bandpass to center it on 600Hz (the side tone's frequency). As you can see by the screenshot, the RX filtering is a bit too high. I don't want to futz up a good build, but I'm kind of OCD about this kind of thing...

Thanks,

-Bill

4696. Re: [pfr3_group] Adjusting audio filter's bandpass

Yahoo group: pfr3_group
Date: 2016-04-24 03:12:29 UTC
From: Bill Cally
Topic: 4693 Message: 4696

Dale,

"Remember, each time calibration is entered.. the 10mhz osc must be calibrated also."

Crap, I didn't pick up on that at all when I read the Calibration procedure. Thanks! (But how many people have a calibrated 10MHz OCXO handy? Thank goodness I do, but it's gotta be rare). Also, while I do have an O'scope or two around, wouldn't all adjustments be possible (and easier) by simply using an audio spectrum analyzer placed at the headphone output, so that the audio passband and it's frequencies will be readily visible? (I may be missing something obvious, since I have been out of the RF design biz for quite a few years).

Best,

-Bill

From: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Saturday, April 23, 2016 4:55 PM
Subject: Re: [pfr3_group] Adjusting audio filter's bandpass

  Hi Bill, Page 11 outlines precise instructions for what to adjust... to center the passband/sidetone/calibration.Remember, each time calibration is entered.. the 10mhz osc must be calibrated also.

Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, April 23, 2016 2:15 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Adjusting audio filter's bandpass [1 Attachment] [Attachment(s) from billcalley@... [pfr3_group] included below]Hi Guys,

  I read the PFR-3 manual on calibration, but I'm still not quite sure how to adjust the audio filter's bandpass to center it on 600Hz (the side tone's frequency). As you can see by the screenshot, the RX filtering is a bit too high. I don't want to futz up a good build, but I'm kind of OCD about this kind of thing...

Thanks,

-Bill

4697. Re: Adjusting audio filter's bandpass

Yahoo group: pfr3_group
Date: 2016-04-24 03:14:46 UTC
From: billcalley@...
Topic: 4693 Message: 4697

Thanks Curt!

---In pfr3_group@yahoogroups.com, <wb8yyy@...> wrote :

Bill

Its been a while, but I am thinking there msy be an adjustment on a crystal oscillator in the receive chain. The transmit to receive offset is encoded into the controller IC along with the pitch. If this bfo is off, yes the signal will be offset as you suggest. Scan the board for presence of a trimmer cap and an alignment step. If this isn't it the experts will be by here again.

73 curt

4698. Re: [pfr3_group] Adjusting audio filter's bandpass

Yahoo group: pfr3_group
Date: 2016-04-24 13:30:43 UTC
From: Dale Putnam
Topic: 4693 Message: 4698
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Bill,

In a way, you somewhat answered your own question. The folks that have all the equipment and knowhow, don't generally follow the instructions to the exact letter. They and you, of course, may choose to use the other methods that are available. The audio filter.. in the pfr3 centered in the passband per the instructions will put the tx offset to the freq that the filter is set to. Due to the "steps" of the osc being digital, the rx peak and tx freq could possible be off center by about a 100 hertz. That's plenty close enough to make a QSO today.

The spectrascope will work great too, as will an O'scope, to prove the filter is functional, and either can be used to align the radio, no problem. But bring your own instructions. [☐]

Have a great day,
--... ...-- Dale - WC7S in Wy

4699. Re: [pfr3_group] Adjusting audio filter's bandpass

Yahoo group: pfr3_group
Date: 2016-04-24 16:59:01 UTC
From: Bill Cally
Topic: 4693 Message: 4699
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Dale; I'm going in then!

From: "Dale Putnam daleputnam@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Sunday, April 24, 2016 8:30 AM
Subject: Re: [pfr3_group] Adjusting audio filter's bandpass

Hi Bill, In a way, you somewhat answered your own question. The folks that have all the equipment and knowhow, don't generally follow the instructions to the exact letter. They and you, of course, may choose to use the other methods that are available. The audio filter.. in the pfr3 centered in the passband per the instructions will put the tx offset to the freq that the filter is set to. Due to the "steps" of the osc being digital, the rx peak and tx freq could possible be off center by about a 100 hertz. That's plenty close enough to make a QSO today. The spectrascope will work great too, as will an O'scope, to prove the filter is functional, and either can be used to align the radio, no problem. But bring your own instructions.

Have a great day,
--... ...-- Dale - WC7S in Wy

4700. Re: [pfr3_group] Adjusting audio filter's bandpass

Yahoo group: pfr3_group
Date: 2016-04-25 03:19:07 UTC
From: Bill Cally
Topic: 4693 Message: 4700
Attachments: 1 described; binary payloads are missing from this source WARC

Dale, I think I nailed it. I performed all of the Cal routines from page 11 with the new MPU processor (which, I hope, stores the Cal data in FLASH?), so not only do I now have a centered passband, but the TX output is now within 10Hz of the display (thank you HP Freq Counter!). Very awesome for an HF radio, at least in my experience with the HF rigs I have owned through-out the years. (I know time marches on, but this is damn good for a $300 field radio!)

I just wish the PDF manual had two or three different Cal routines: One for those with basic (O'scope, DMM) to no test equipment (which is what is now in the manual), up to those with the typically ham owned RF Freg Counter, Audio/RF Spectrum Analyzer, and RF sig gen (sig gen to confirm RX freq when not in Cal mode).

Also, most modern hams now also have an "Antenna Analyzer", which works perfectly as a single port VNA or SNA for tweaking HF filter passbands (when you terminate one port with a 50 ohm load).
Best,
-Bill
PS: It seems I misread page 11, as I did not need my 10.000.000MHz calibrated OCXO at all. Well, at least it was warmed up and ready to go!

4701. Re: [pfr3_group] Adjusting audio filter's bandpass [1 Attachment]

Yahoo group: pfr3_group
Date: 2016-04-25 12:13:34 UTC
From: Dale Putnam
Topic: 4693 Message: 4701

Hi Bill,

I like the idea of having both routines,.. don't know if both could be put into the manual or not..

How about you write one up, share with me, and I will be more than happy to share with any that ask, and

give you credit?

Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Bill Cally billcalley@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Sunday, April 24, 2016 9:19 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Adjusting audio filter's bandpass [1 Attachment]

[Attachment(s) from Bill Cally included below]

Dale, I think I nailed it. I performed all of the Cal routines from page 11 with the new MPU processor (which, I hope, stores the Cal data in FLASH?), so not only do I now have a centered passband, but the TX output is now within 10Hz of the display (thank you HP Freq Counter!). Very awesome for an HF radio, at least in my experience with the HF rigs I have owned through-out the years. (I know time marches on, but this is damn good for a $300 field radio!)

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Also, most modern hams now also have an "Antenna Analyzer", which works perfectly as a single port VNA or SNA for tweaking HF filter passbands (when you terminate one port with a 50 ohm load).

Best,

-Bill
PS: It seems I misread page 11, as I did not need my 10.000.000MHz calibrated OCXO at all. Well, at least it was warmed up and ready to go!

4702. Re: [pfr3_group] Adjusting audio filter's bandpass

Yahoo group: pfr3_group
Date: 2016-04-25 20:54:34 UTC
From: Bill Cally
Topic: 4693 Message: 4702

I'll look into that Dale, but since I'm not familiar enough with its processor or internals, I as a known ex-technical writer really hesitate to write about Cal'ing the PFR3. For me, too many unknowns.

Thanks,

-Bill

From: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
To: "pfr3_group@yahoogroups.com" <pfr3_group@yahoogroups.com>
Sent: Monday, April 25, 2016 7:13 AM
Subject: Re: [pfr3_group] Adjusting audio filter's bandpass

  Hi Bill, I like the idea of having both routines,.. don't know if both could be put into the manual or not.. How about you write one up, share with me, and I will be more than happy to share with any that ask, and give you credit?
Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Bill Cally billcalley@yahoo.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Sunday, April 24, 2016 9:19 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Adjusting audio filter's bandpass [1 Attachment] [Attachment(s) from Bill Cally included below]
Dale, I think I nailed it. I performed all of the Cal routines from page 11 with thenew MPU processor (which, I hope, stores the Cal data inFLASH?), so not only do I now have a centered passband, but the TX output is now within 10Hz of the display (thank you HP Freq Counter!). Very awesome for an HF radio, at least in my experience with the HF rigs I have owned through-out the years. (I know time marches on, but this is damn good for a $300 field radio!)

I just wish the PDF manual had two or three different Cal routines: One for those with basic (O'scope, DMM) tono test equipment (which is what is now in the manual), up to those with the typically ham owned RF Freg Counter, Audio/RF Spectrum Analyzer, and RF sig gen (sig gen to confirm RX freq when not in Cal mode).

Also, most modern hams now also have an "Antenna Analyzer", which works perfectly as a single port VNA or SNA for tweaking HF filter passbands (when you terminate one port with a 50 ohm load).
Best,
-Bill
PS: It seems I misread page 11, as I did not need my 10.000.000MHz calibrated OCXO at all. Well, at least it was warmed up and ready to go!

4703. Re: Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2016-05-05 01:43:00 UTC
From: t.molica@...
Topic: 4512 Message: 4703

Hello to the group.
Just programed a new atmega48pa with the new firmware PFR3a_b.hex, but seem to have problem with very slow action on boot up, band changes and tuning. Could it be that the clock fuse in the atmega should be set to 8 mhz clock. The factory default is devided by 8 and wonder if that could be my problem. Used an stk200 compatible and did not recieve any errors after flashing. Would greatly appreciate some assistance, OR source of programmed chip.
Otherwise the PFR3 is working great with the old chip, except for the frequency hop.
Thanks very much, Tom VE3KZJ

4704. Re: [pfr3_group] Re: Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2016-05-05 18:06:43 UTC
From: Harlan Rogers
Topic: 4512 Message: 4704

Hello, Tom
Did you program the chip yourself? ?If so, did you set the fuse bits or leave them in their initial state?
I programmed several of these and have not had a problem, but I made sure the fuses were set properly.

Let me know if you need additional info. ? I will probably have to dust some cobwebs out of my brain to remember all of the programming details.

regards... Harlan ,K6BS

-----Original Message-----
From: "t.molica@... [pfr3_group]"
Sent: May 4, 2016 6:43 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Frequency hopping while tuning -- bug found and FIXED!

?

Hello to the group.
Just programed a new atmega48pa with the new firmware PFR3a_b.hex, but seem to have problem with very slow action on boot up, band changes and tuning. Could it be that the clock fuse in the atmega should be set to 8 mhz clock. The factory default is devided by 8 and wonder if that could be my problem. Used an stk200 compatible and did not recieve any errors after flashing. Would greatly appreciate some assistance, OR source of programmed chip.
Otherwise the PFR3 is working great with the old chip, except for the frequency hop.
Thanks very much, Tom VE3KZJ

4705. Re: Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2016-05-06 01:05:36 UTC
From: t.molica@...
Topic: 4512 Message: 4705

Thanks for the quick response Harlan. I did go and read up on setting the fuse for the CKDIV8, and changed that. All works well now. Did not think of that till after posting my question and also sent out an email to Steve KD1JV - asking for his help. Have sent an explanatory email to Steve, with thanks.
I'm amazed what happens inside our brain when it becomes necessary to explain a problem to others. It seems to turn our own internal gears.
Thanks to you for adjusting and posting the HEX file, that's what I used, cause I'm still too green to know much about programming myself.
Cheers to all Tom VE3KZJ.

4706. Re: [pfr3_group] Re: Frequency hopping while tuning -- bug found and FIXED!

Yahoo group: pfr3_group
Date: 2016-05-06 02:13:21 UTC
From: Harlan Rogers
Topic: 4512 Message: 4706

Tom
I am glad you got it working.

--- Harlan ---

-----Original Message-----
From: "t.molica@... [pfr3_group]"
Sent: May 5, 2016 6:05 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Frequency hopping while tuning -- bug found and FIXED!

?

Thanks for the quick response Harlan. I did go and read up on setting the fuse for the CKDIV8, and changed that. All works well now. Did not think of that till after posting my question and also sent out an email to Steve KD1JV - asking for his help. Have sent an explanatory email to Steve,? with thanks.
I'm amazed what happens inside our brain when it becomes necessary to explain a problem to others. It seems to turn our own internal gears.
Thanks to you for adjusting and posting the HEX file, that's what I used, cause I'm still too green to know much about programming myself.
Cheers to all Tom?? VE3KZJ.

4707. New PFR-3B makes first contact.

Yahoo group: pfr3_group
Date: 2016-06-03 03:59:29 UTC
From: asevenson@...
Topic: 4707 Message: 4707

Hi All,

Built my PFR-3B somewhat recently and sent to Dale for final check out and alignment, (Thanks again Dale). Finally had a chance this weekend to try it while camping somewhat near Mt. Rainier National Park. I used the new to me, SOTAbeams Band Hopper 20, 30, 40m dipole up about 5M.
While I heard a few signals I could not make a contact though to be fair, I mainly was trying 40M in the morning and still learning how to use the BL tuner.

So today I hooked up the rig to the home antenna, a Cuscraft R-8 Vertical, and started searching. Band condx weren't great but at 0137 I answered KR6E, Ben in CA and was rewarded with a solid 569.

First one is in the log!

73,
Allen, AE7TG

4708. Re: [pfr3_group] New PFR-3B makes first contact.

Yahoo group: pfr3_group
Date: 2016-06-03 11:06:29 UTC
From: Carey Magee
Topic: 4707 Message: 4708

Congratulations. I love mine. You will have a lot of fun with it, I am sure.

Carey
K2RNY

On Thursday, June 2, 2016, asevenson@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Hi All,
>
> Built my PFR-3B somewhat recently and sent to Dale for final check out and
> alignment, (Thanks again Dale). Finally had a chance this weekend to try it
> while camping somewhat near Mt. Rainier National Park. I used the new to
> me, SOTAbeams Band Hopper 20, 30, 40m dipole up about 5M.
> While I heard a few signals I could not make a contact though to be fair,
> I mainly was trying 40M in the morning and still learning how to use the BL
> tuner.
>
> So today I hooked up the rig to the home antenna, a Cuscraft R-8 Vertical,
> and started searching. Band condx weren't great but at 0137 I answered
> KR6E, Ben in CA and was rewarded with a solid 569.
>
> First one is in the log!
>
> 73,
> Allen, AE7TG
>
>
>

--
73,
Carey Magee, K2RNY
Rochester New York
Grid: FN13ef
arsk2rny@...

4709. Re: New PFR-3B makes first contact.

Yahoo group: pfr3_group
Date: 2016-06-03 11:37:25 UTC
From: wb9dlc@...
Topic: 4707 Message: 4709

Congrats Allen!! I hope that you enjoy your PFR3 as much as I enjoy mine!

And thanks to Dale for helping to put another PFR3 on the air!!

73

Mike - WB9DLC
http://wb9dlc.com http://wb9dlc.com

4710. Re: [pfr3_group] New PFR-3B makes first contact.

Yahoo group: pfr3_group
Date: 2016-06-03 12:50:52 UTC
From: Dale Putnam
Topic: 4707 Message: 4710

Way to go Allen,

It is a fun rig.. for sure.. maybe we can do a 3-2-3-Q one day.

(PFR3 to PFR3 Qso)

The tuner does take a bit to get used to.. but it works on almost any antenna.

just dim the led.. don't have to make it go out.

Good rig = good fun!!

Have a great day,
--... ...-- Dale - WC7S in Wy

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of asevenson@...
[pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, June 2, 2016 9:59 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] New PFR-3B makes first contact.

Hi All,

Built my PFR-3B somewhat recently and sent to Dale for final check out and alignment, (Thanks again Dale). Finally had a chance this weekend to try it while camping somewhat near Mt. Rainier National Park. I used the new to me, SOTAbeams Band Hopper 20, 30, 40m dipole up about 5M.
While I heard a few signals I could not make a contact though to be fair, I mainly was trying 40M in the morning and still learning how to use the BL tuner.

So today I hooked up the rig to the home antenna, a Cuscraft R-8 Vertical, and started searching. Band condx weren't great but at 0137 I answered KR6E, Ben in CA and was rewarded with a solid 569.

First one is in the log!

73,
Allen, AE7TG

4711. Re: [pfr3_group] New PFR-3B makes first contact. [qrp camp]

Yahoo group: pfr3_group
Date: 2016-06-03 16:28:28 UTC
From: lahagar1@...
Topic: 4707 Message: 4711

Allen, Congratulations!

And like Dale says, the tuner has a lot of range. My PFR3 went to

QRP Camp this Memorial Day weekend with a 42 ft end fed vertical wire:

https://youtu.be/NFiAX5-rQkU

This rig never gets old!

72,
Lynn

-----Original Message-----
From: Dale Putnam daleputnam@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Fri, Jun 3, 2016 7:50 am
Subject: Re: [pfr3_group] New PFR-3B makes first contact.

Way to go Allen,
It is a fun rig.. for sure.. maybe we can do a 3-2-3-Q one day.
(PFR3 to PFR3 Qso)
The tuner does take a bit to get used to.. but it works on almost any antenna.
just dim the led.. don't have to make it go out.

Good rig = good fun!!

Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of asevenson@...
[pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, June 2, 2016 9:59 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] New PFR-3B makes first contact.

Hi All,

Built my PFR-3B somewhat recently and sent to Dale for final check out and alignment, (Thanks again Dale). Finally had a chance this weekend to try it while camping somewhat near Mt. Rainier National Park. I used the new to me, SOTAbeams Band Hopper 20, 30, 40m dipole up about 5M.
While I heard a few signals I could not make a contact though to be fair, I mainly was trying 40M in the morning and still learning how to use the BL tuner.

So today I hooked up the rig to the home antenna, a Cuscraft R-8 Vertical, and started searching. Band condx weren't great but at 0137 I answered KR6E, Ben in CA and was rewarded with a solid 569.

First one is in the log!

73,
Allen, AE7TG

4712. Re: New PFR-3B makes first contact.

Yahoo group: pfr3_group
Date: 2016-06-04 20:54:13 UTC
From: asevenson@...
Topic: 4707 Message: 4712

Thanks All,

Many Qs to come for me and the PFR. Have 3 in the log now; CA, OR, and a NPOTA station in WY I snagged yesterday.

I just have to remember to switch back to Operate after tuning. I think I called for about 5 min at one point with the switch in Tune position.

Somewhat off topic quick question - I'm using the Amazon basics Ni-Mh batteries (the black ones) similar to Eneloops I think.

At what voltage should I remove and charge them for maximum life/efficiency?

I'm thinking at around 9.6V total for the 8-pack in the PFR. I didn't check when starting but I was getting close to 4-watts out at 10.1V as measured by an analog QRP wattmeter.

Thanks again and I'll be looking for more QSOs this evening.

72/3,
Allen, AE7TG

4713. Re: New PFR-3B makes first contact.

Yahoo group: pfr3_group
Date: 2016-06-04 22:25:51 UTC
From: John Parnell
Topic: 4707 Message: 4713

Way to go!

I have been using my PFR-3 for 6 years at home, traveling and camping. Using the rig's internal tuner, you can set up a simple wire vertical or inverted L and counterpoise and work the world - it has an excellent, selective RX. Working QRP DX from a campsite is near the top of my list for fun things to do: my first expedition camping on a beach with my PFR3, I worked ZL, JA, UA0 and OH from my comfy op position under a tarp next to a campfire on the WA coast. see:
https://flic.kr/s/aHskxJdh8f

The rig is small enough to carry while traveling -I have had fun times working from DX locations in EU and SA with it. All you need is a small key, the internal batteries, some magnet wire and earbuds and you are in business. All of the above fits nicely into a small Pelican 1150 case.

You are in for some fun operating.enjoy!

73 de John, K7HV

4714. PFR3A looking for New Schak

Yahoo group: pfr3_group
Date: 2016-06-07 13:29:51 UTC
From: ct1bww@...
Topic: 4714 Message: 4714

Hi

I' want to sell my PFR3 20,30 and 40 meters.
Working SUPER WELL.
Preferable for EU . Eur 250,00 + Shipping Cost registered mail
I'm OK on EBay (ct1bww) 100% GOOD REVIEW .
I'm selling this very NICE RIG due to buy the KX2 from Elekraft

73s frm Marq/CT1BWW
ct1bww (at) clix.pt

4715. FOX: The Summer FOXHUNT Season About to START!!

Yahoo group: pfr3_group
Date: 2016-06-09 00:51:21 UTC
From: Dale Putnam
Topic: 4715 Message: 4715

Come check out the fastest 90 minutes in radio..

well.. it sure seems like it when you are hunting for the FOX..

AND if you are the FOX.. it really goes FAST!!

So.. jump in, have fun, and let's go hunt the FOX..

Put your applications to be a FOX in here: http://qrpfoxhunt.org/

QRP Fox Hunt Home Page<http://qrpfoxhunt.org/>
qrpfoxhunt.org
Welcome to the QRP FOX HUNT! Home Page "It's a fine fox chase, my boys!" George Washington, Battle of Princeton, 1777

Read the Summer Rules too!

Good Luck!!

Have a great day,
--... ...-- Dale - WC7S in Wy

4716. Fw: [qfox] Foxhunt announcement hunt #1 Thurs 6/30

Yahoo group: pfr3_group
Date: 2016-06-29 15:00:00 UTC
From: Dale Putnam
Topic: 4716 Message: 4716

For those that didn't see this yet:

Have a great day,
--... ...-- Dale - WC7S in Wy

_____
From: qfox@yahoogroups.com <qfox@yahoogroups.com> on behalf of n1ix@... [qfox] <qfox-noreply@yahoogroups.com>
Sent: Wednesday, June 29, 2016 8:53 AM
To: 'Q-Fox'
Subject: [qfox] Foxhunt announcement hunt #1 Thurs 6/30

I have the honor of being your first fox of the summer season. I'll also be the fox for the last hunt of the season.
I have not even listened to 20M this summer so I have no idea what to expect for conditions.

I will be transmitting somewhere between 14050 and 14070 KHz on Thursday evening June 30th at 21:00 - 22:30 EDT.
I am located in Newton NH about 50 miles north of Boston MA and about 10 miles inland.
My rig is a K3 set at 5 watts. The antenna is a 3 element beam at 70 feet which I will move between NW and S.

If you are new to the foxhunt the rules are on the website
www.qrpfoxhunt.org<http://www.qrpfoxhunt.org>
QRP Fox Hunt Home Page<http://www.qrpfoxhunt.org/>
www.qrpfoxhunt.org
Welcome to the QRP FOX HUNT! Home Page "It's a fine fox chase, my boys!" George Washington, Battle of Princeton, 1777

73
Dave N1IX

4717. FOX: FOX announement

Yahoo group: pfr3_group
Date: 2016-06-29 17:19:22 UTC
From: Dale Putnam
Topic: 4717 Message: 4717

Found on the qfox reflector

Have a great day,
--... ...-- Dale - WC7S in Wy

I will be your other Fox for the 2016 Summer Hunt season.

I will be operating from Mar Vista, CA. 3 miles East of Venice Beach. Rig will be my K3 at 5W and the antenna will be swinging around to find all you hounds. Look for me between 14.050 and 14.070 starting at 0100Z. Key is set for 22-23 WPM. Send to me at your comfortable speed and I will adjust. Oh, yes, I will be sending up at the beginning of the hunt. Spread out 1-3 Khz.

Just a reminder. The exchange is RST, state or Provence,name and power. 559,CA, Don, 5w. There might be a few instances of dead air or auto CQ's while I blow my nose. (Don't ask!)

Have fun.

Good luck and happy hunting.

Don,NK6A
Mar Vista, CA

--
Don
NK6A

_____
Posted by: NK6A <cowchip@...>

4718. PFR-3B problems

Yahoo group: pfr3_group
Date: 2016-07-11 18:36:53 UTC
From: helichuck@...
Topic: 4718 Message: 4718

I am having problems with testing my radio, this is the second one I have built, I did not have any issues with the first "A" Model.

I can't remember how I did the Zero beat with WWV for the DDS calibration.
I remember doing it though.

It says to zero beat it, but where do I hear the signal??
When I =go into Cal r mode I con't hear anything, how can I zero beat it ??
And when I go into CALo mode I don't see any waveform on the scope.

Bummed out.
Thanks,
Chuck
WD8BXS

4719. Re: [pfr3_group] PFR-3B problems

Yahoo group: pfr3_group
Date: 2016-07-11 18:44:19 UTC
From: Dale Putnam
Topic: 4718 Message: 4719

The easiest way is to pick off a bit of signal from TP1. I usually do that with a short (about 6 inch) lead, while the rx is tuned to 10mhz WWV. Zero beat on the rx.. by adjusting up or down on the PFR3

good luck,

Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of helichuck@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Monday, July 11, 2016 12:36 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3B problems

I am having problems with testing my radio, this is the second one I have built, I did not have any issues with the first "A" Model.

I can't remember how I did the Zero beat with WWV for the DDS calibration.

I remember doing it though.

It says to zero beat it, but where do I hear the signal??

When I =go into Cal r mode I con't hear anything, how can I zero beat it ??

And when I go into CALo mode I don't see any waveform on the scope.

Bummed out.

Thanks,
Chuck

WD8BXS

4720. Re: [pfr3_group] PFR-3B problems

Yahoo group: pfr3_group
Date: 2016-07-11 19:16:25 UTC
From: helichuck@...
Topic: 4718 Message: 4720

I sent you an email Dale!

4721. Re: [pfr3_group] PFR-3B problems

Yahoo group: pfr3_group
Date: 2016-07-11 19:53:45 UTC
From: helichuck@...
Topic: 4718 Message: 4721

OK I got the zero bat to work. I had to order a 2n7000, I think my is bad, showing open both ways.
Thanks for the help!

Chuck

4722. PFR-3a volume control

Yahoo group: pfr3_group
Date: 2016-09-02 18:22:46 UTC
From: michaelg0hio@...
Topic: 4722 Message: 4722

Hi, my volume control has gone faulty.
Can anyone point me towards a replacement source?
Thanks
Mike G0hio

4723. Re: [pfr3_group] PFR-3a volume control

Yahoo group: pfr3_group
Date: 2016-09-02 20:40:50 UTC
From: Pacific Antenna
Topic: 4722 Message: 4723

Mike,

You can contact us at Pacific Antenna

qrpkits.com@...

We sell that kit and can get you a replacement part.

James
KA5DVS

On Fri, Sep 2, 2016 at 11:22 AM, michaelg0hio@... [pfr3_group] <
pfr3_group@yahoogroups.com> wrote:

>
>
> Hi, my volume control has gone faulty.
>
> Can anyone point me towards a replacement source?
>
> Thanks
>
> Mike G0hio
>
>
>

4724. Re: [pfr3_group] PFR-3a volume control

Yahoo group: pfr3_group
Date: 2016-09-02 21:49:19 UTC
From: Roberto Salazar
Topic: 4722 Message: 4724

Go directly with QRPKits.
They have all so are parts you need for your PFR and customer service has been extremely good with me.

73
YS1RS

--... ...--

"Forget the net.
Switch on the set.
Warm it up slow and go.
Light the tubes, bask in the glow.
Surf shortwaves on your old radio."

> On Sep 2, 2016, at 13:22, michaelg0hio@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
>
> Hi, my volume control has gone faulty.
>
> Can anyone point me towards a replacement source?
>
> Thanks
>
> Mike G0hio
>
>

4725. RE: [pfr3_group] PFR-3a volume control

Yahoo group: pfr3_group
Date: 2016-09-03 07:50:09 UTC
From: michael warrington
Topic: 4722 Message: 4725

Hi Roberto
Thanks for the information, I have sent them an email.
73 Mike G0HIO

From: pfr3_group@yahoogroups.com [mailto:pfr3_group@yahoogroups.com]
Sent: 02 September 2016 21:49
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] PFR-3a volume control

Go directly with QRPKits.
They have all so are parts you need for your PFR and customer service has been extremely good with me.

73
YS1RS

--... ...--

"Forget the net.
Switch on the set.
Warm it up slow and go.
Light the tubes, bask in the glow.
Surf shortwaves on your old radio."

On Sep 2, 2016, at 13:22, michaelg0hio@yahoo.com<mailto:michaelg0hio@yahoo.com>
[pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Hi, my volume control has gone faulty.

Can anyone point me towards a replacement source?

Thanks

Mike G0hio

4726. Toroids questions

Yahoo group: pfr3_group
Date: 2016-09-03 13:17:23 UTC
From: Luis LU4HK
Topic: 4726 Message: 4726

I'm building my first PRF3B and I can not understand that speakers are wired red or green.
I find not clarified in the manual wire # 26 and # 28
Thank you
Luis LU4HK

4727. Re: [pfr3_group] Toroids questions

Yahoo group: pfr3_group
Date: 2016-09-03 14:37:48 UTC
From: Roberto Salazar
Topic: 4726 Message: 4727

Sometimes they will send the same color of wires and not green or red as was my case when I built the PFR-3A.
But the smaller the number the thicker the wire is. #26 is thicker than #28.
Hope to have understood your question and hope this helps.

73
Roberto
YS1RS

--... ...--

"Forget the net.
Switch on the set.
Warm it up slow and go.
Light the tubes, bask in the glow.
Surf shortwaves on your old radio."

> On Sep 3, 2016, at 08:17, Luis LU4HK lu4hk@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
>
> I'm building my first PRF3B and I can not understand that speakers are wired red or green. I find not clarified in the manual wire # 26 and # 28
> Thank you
> Luis LU4HK
>
>

4728. Re: [pfr3_group] Toroids questions

Yahoo group: pfr3_group
Date: 2016-09-03 14:40:53 UTC
From: Luis LU4HK
Topic: 4726 Message: 4728

Gracias Roberto, cualquier otra duda te consulto saludos Luis

_____
De: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> En nombre de Roberto Salazar ys1rs@... [pfr3_group] <pfr3_group@yahoogroups.com> Enviado: sábado, 03 de septiembre de 2016 11:37 Para: pfr3_group @ yahoogroups.com Asunto: Re: [] pfr3_group preguntas toroides

A veces van a enviar el mismo color de los cables y no verdes o rojos como era mi caso cuando construí el PFR-3A.
Pero cuanto menor sea el número más grueso es el alambre es. # 26 es más grueso que el # 28.
Espero haber entendido su pregunta y espero que esto ayude.

73
Roberto
YS1RS --... ...--

"Olvídese de la red.
Encender el dispositivo.
Calentarla lentamente y continua.
La luz de los tubos, tomar el sol en el resplandor.
ondas cortas de surf en su vieja radio ".

El 3 sep, 2016, a las 08:17, Luis LU4HK lu4hk@...<mailto:lu4hk@...> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com> > escribió:

Estoy construyendo mi primer PRF3B y no puedo entender que los altavoces están conectados rojo o verde. Mí, pero no las desarrolla la manual de hilo # 26 y # 28
Gracias
Luis LU4HK

4729. Ayuda

Yahoo group: pfr3_group
Date: 2016-09-03 15:07:28 UTC
From: Luis LU4HK
Topic: 4729 Message: 4729
Attachments: 1 described; binary payloads are missing from this source WARC

Hola Roberto , al parecer el de color verde es mas grueso que el rojo , pero cuando quiero bobinar las 40 vueltas de L13 y L14 en el T37-2 tengo que encimar vueltas ya que no me entran las 40 vueltas en el toroide.

Abrazo

Luis LU4HK

4730. Re: [pfr3_group] Ayuda [1 Attachment]

Yahoo group: pfr3_group
Date: 2016-09-03 15:23:21 UTC
From: Roberto Salazar
Topic: 4729 Message: 4730

Luis will move this conversation to your QRZ email address and help you there in Spanish not to disturb the list here.
Rob
YS1RS

--... ...--

"Forget the net.
Switch on the set.
Warm it up slow and go.
Light the tubes, bask in the glow.
Surf shortwaves on your old radio."

> On Sep 3, 2016, at 10:07, Luis LU4HK lu4hk@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
>
> [Attachment(s) from Luis LU4HK included below]
> Hola Roberto , al parecer el de color verde es mas grueso que el rojo , pero cuando quiero bobinar las 40 vueltas de L13 y L14 en el T37-2 tengo que encimar vueltas ya que no me entran las 40 vueltas en el toroide.
>
> Abrazo
>
> Luis LU4HK
>
>

4731. PFR3 Problem

Yahoo group: pfr3_group
Date: 2016-09-03 20:06:20 UTC
From: Luis LU4HK
Topic: 4731 Message: 4731

Hello everyone
I just received my first PFR 3 B and could not be wound toroids is wrong and possibly the diameter of the magnetic cable.
The T37-2 toroids where I roll up 40 laps I have no space, missing about 10 laps or so.
I see if the local market get cable coil motors of 0.32 mm and the BLT seems a very fine wire 0.40 mm.
I will appreciate if someone had this problem and I comment on it.
Also if there is any support for equipment calibration does not possess oscilloscope or other measuring instruments.
72 Luis LU4HK

4732. Re: PFR3 Problem

Yahoo group: pfr3_group
Date: 2016-09-03 20:28:45 UTC
From: Dale Putnam
Topic: 4731 Message: 4732

HI Luis,

The large wire.. would be what is used for the large toroid, for the BLT tuner..

The smallest wire is what is used for L13 and L14.

The middle sized wire is used for T2.

The tuneup can be very easily done with a vom.. or even by ear.

Listening to the output of the rx,.. during tuning the rx bfo, and tuning the passband. The 10mhz osc.. would best be done with another rx on 10mhz.

Good Luck,

Have a great day,
--... ...-- Dale - WC7S in Wy

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Luis LU4HK lu4hk@...m [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, September 3, 2016 2:06 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3 Problem

Hello everyone
I just received my first PFR 3 B and could not be wound toroids is wrong and possibly the diameter of the magnetic cable.
The T37-2 toroids where I roll up 40 laps I have no space, missing about 10 laps or so.
I see if the local market get cable coil motors of 0.32 mm and the BLT seems a very fine wire 0.40 mm.
I will appreciate if someone had this problem and I comment on it.
Also if there is any support for equipment calibration does not possess oscilloscope or other measuring instruments.
72 Luis LU4HK

4733. RE: [pfr3_group] Re: PFR3 Problem

Yahoo group: pfr3_group
Date: 2016-09-04 00:13:07 UTC
From: lu4hk
Topic: 4731 Message: 4733

Hi Dale , only recibe two colors diferentes cable . But have 0.40mm this error one 0.32 mm a other 0.40 mm. No posible winding L13 and L14 the cable is 0.40 mm .thank you

Enviado desde mi dispositivo Samsung

-------- Mensaje original --------
De: "Dale Putnam daleputnam@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
Fecha: 3/9/16 17:28 (GMT-03:00)
A: pfr3_group@yahoogroups.com
Asunto: [pfr3_group] Re: PFR3 Problem

HI Luis,
  The large wire.. would be what is used for the large toroid, for the BLT tuner..
The smallest wire is what is used for L13 and L14.
The middle sized wire is used for T2.
 The tuneup can be very easily done with a vom.. or even by ear.
Listening to the output of the rx,.. during tuning the rx bfo, and tuning the passband. The 10mhz osc.. would best be done with another rx on 10mhz.
Good Luck,

Have a great day,

--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Luis LU4HK lu4hk@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>

Sent: Saturday, September 3, 2016 2:06 PM

To: pfr3_group@yahoogroups.com

Subject: [pfr3_group] PFR3 Problem

Hello everyone
I just received my first PFR 3 B and could not be wound toroids is wrong and possibly the diameter of the magnetic cable.
The T37-2 toroids where I roll up 40 laps I have no space, missing about 10 laps or so.
I see if the local market get cable coil motors of 0.32 mm and the BLT seems a very fine wire 0.40 mm.
I will appreciate if someone had this problem and I comment on it.
Also if there is any support for equipment calibration does not possess oscilloscope or other measuring instruments.
72 Luis LU4HK

4734. Re: [pfr3_group] Re: PFR3 Problem

Yahoo group: pfr3_group
Date: 2016-09-04 02:51:16 UTC
From: Dale Putnam
Topic: 4731 Message: 4734

Right, wind L13 and L14 with the smaller wire.

and the rest with the larger.

Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of lu4hk lu4hk@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, September 3, 2016 6:13 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: PFR3 Problem

Hi Dale , only recibe two colors diferentes cable . But have 0.40mm this error one 0.32 mm a other 0.40 mm.
No posible winding L13 and L14 the cable is 0.40 mm .
thank you

Enviado desde mi dispositivo Samsung

-------- Mensaje original --------
De: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
Fecha: 3/9/16 17:28 (GMT-03:00)
A: pfr3_group@yahoogroups.com
Asunto: [pfr3_group] Re: PFR3 Problem

HI Luis,

The large wire.. would be what is used for the large toroid, for the BLT tuner..

The smallest wire is what is used for L13 and L14.

The middle sized wire is used for T2.

The tuneup can be very easily done with a vom.. or even by ear.

Listening to the output of the rx,.. during tuning the rx bfo, and tuning the passband. The 10mhz osc.. would best be done with another rx on 10mhz.

Good Luck,

Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Luis LU4HK lu4hk@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, September 3, 2016 2:06 PM

To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3 Problem

Hello everyone
I just received my first PFR 3 B and could not be wound toroids is wrong and possibly the diameter of the magnetic cable.
The T37-2 toroids where I roll up 40 laps I have no space, missing about 10 laps or so.
I see if the local market get cable coil motors of 0.32 mm and the BLT seems a very fine wire 0.40 mm.
I will appreciate if someone had this problem and I comment on it.
Also if there is any support for equipment calibration does not possess oscilloscope or other measuring instruments.
72 Luis LU4HK

4735. RE: [pfr3_group] Re: PFR3 Problem

Yahoo group: pfr3_group
Date: 2016-09-04 03:00:17 UTC
From: Luis LU4HK
Topic: 4731 Message: 4735
Attachments: 2 described; binary payloads are missing from this source WARC

Dale leave the rest the rest of the red wire coils L12 and L13 and only bobino it with thinner 0.32 mm is that correct?

Enviado desde mi dispositivo Samsung

-------- Mensaje original --------
De: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
Fecha: 3/9/16 23:51 (GMT-03:00)
A: pfr3_group@yahoogroups.com
Asunto: Re: [pfr3_group] Re: PFR3 Problem

Right, wind L13 and L14 with the smaller wire.

and the rest with the larger.

Have a great day,
--... ...-- Dale - WC7S in Wy

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of lu4hk lu4hk@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, September 3, 2016 6:13 PM
To: pfr3_group@yahoogroups.com
Subject: RE: [pfr3_group] Re: PFR3 Problem

Hi Dale , only recibe two colors diferentes cable . But have 0.40mm this error one 0.32 mm a other 0.40 mm.
No posible winding L13 and L14 the cable is 0.40 mm .
thank you

Enviado desde mi dispositivo Samsung

-------- Mensaje original --------
De: "Dale Putnam daleputnam@... [pfr3_group]" <pfr3_group@yahoogroups.com>
Fecha: 3/9/16 17:28 (GMT-03:00)
A: pfr3_group@yahoogroups.com
Asunto: [pfr3_group] Re: PFR3 Problem

HI Luis,

The large wire.. would be what is used for the large toroid, for the BLT tuner..

The smallest wire is what is used for L13 and L14.

The middle sized wire is used for T2.

The tuneup can be very easily done with a vom.. or even by ear.

Listening to the output of the rx,.. during tuning the rx bfo, and tuning the passband. The 10mhz osc.. would best be done with another rx on 10mhz.

Good Luck,

Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Luis LU4HK lu4hk@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, September 3, 2016 2:06 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR3 Problem

Hello everyone
I just received my first PFR 3 B and could not be wound toroids is wrong and possibly the diameter of the magnetic cable.
The T37-2 toroids where I roll up 40 laps I have no space, missing about 10 laps or so.
I see if the local market get cable coil motors of 0.32 mm and the BLT seems a very fine wire 0.40 mm.
I will appreciate if someone had this problem and I comment on it.
Also if there is any support for equipment calibration does not possess oscilloscope or other measuring instruments.
72 Luis LU4HK

4736. Re: [pfr3_group] Re: PFR3 Problem

Yahoo group: pfr3_group
Date: 2016-09-04 20:00:08 UTC
From: Rick Robinson
Topic: 4731 Message: 4736

When I built my PFR-3B last month, I had a similar problem. The wire supplied with my PFR-3B was all the same size and when measured with a micrometer it was .016 inches. .4mm, or 26 gauge same as Luis measured. This would not be a problem except with L13 and 14. I knew it looked too big for 28. I happened to have a wire assortment from Dan's Small Parts that included enough 28 gauge enameled wire to wind the 2 inductors. It was a toroid full with 28 gauge, 40 turns of #26 would never have fit. My 28 guage wire measured .013 +/- or .32mm.

I'm not faulting qrpkits.com, it would be easy to mistake the 2 gauges of wire.

Rick W4DST

On 9/3/2016 8:13 PM, lu4hk lu4hk@... [pfr3_group] wrote:
>
> Hi Dale , only recibe two colors diferentes cable . But have 0.40mm
> this error one 0.32 mm a other 0.40 mm.
> No posible winding L13 and L14 the cable is 0.40 mm .
> thank you
>

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

4737. RE: [pfr3_group] Re: PFR3 Problem

Yahoo group: pfr3_group
Date: 2016-09-04 21:58:33 UTC
From: Luis LU4HK
Topic: 4731 Message: 4737

Rick , for me it is very difficult to get that type of cable in my country. Hendriks will try to return me some new cables and corresponding to avoid problems in operation. and must also clarify in the manual # 28 will not be possible if they are well use it for the 40 laps of L13 and L14 and 20 + 5 laps in T2. 72 Luis

Enviado desde mi dispositivo Samsung

-------- Mensaje original --------
De: "Rick Robinson w4dst@... [pfr3_group]" <pfr3_group@yahoogroups.com>
Fecha: 4/9/16 17:00 (GMT-03:00)
A: pfr3_group@yahoogroups.com
Asunto: Re: [pfr3_group] Re: PFR3 Problem

When I built my PFR-3B last month, I had a similar problem. The wire supplied with my PFR-3B was all the same size and when measured with a micrometer it was .016 inches. .4mm, or 26 gauge same as Luis measured. This would not be a problem except with L13 and 14. I knew it looked too big for 28. I happened to have a wire assortment from Dan's Small Parts that included enough 28 gauge enameled wire to wind the 2 inductors. It was a toroid full with 28 gauge, 40 turns of #26 would never have fit. My 28 guage wire measured .013 +/- or .32mm.

I'm not faulting qrpkits.com, it would be easy to mistake the 2 gauges of wire.

Rick W4DST

On 9/3/2016 8:13 PM, lu4hk lu4hk@...<mailto:lu4hk@...> [pfr3_group] wrote:

Hi Dale , only recibe two colors diferentes cable . But have 0.40mm this error one 0.32 mm a other 0.40 mm.
No posible winding L13 and L14 the cable is 0.40 mm .
thank you

[https://ipmcdn.avast.com/images/icons/icon-envelope-tick-round-orange-animated-tick-v1.gif]<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=icon> Virus-free. www.avast.com<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=link>

4738. Re: PFR3 Problem

Yahoo group: pfr3_group
Date: 2016-09-05 13:24:32 UTC
From: Rick Robinson
Topic: 4731 Message: 4738

Hi Luis,

I'm sure James at qrpkits.com will be glad to send you enough of the proper size wire to wind L13 and L14. I had no trouble using #28 wire on the 2 coils. All others I wound with the #26 and my rig is working fine.

73,

Rick

On 9/4/2016 5:58 PM, Luis LU4HK lu4hk@... [pfr3_group] wrote:
>
> Rick , for me it is very difficult to get that type of cable in my
> country. Hendriks will try to return me some new cables and
> corresponding to avoid problems in operation. and must also clarify in
> the manual # 28 will not be possible if they are well use it for the
> 40 laps of L13 and L14 and 20 + 5 laps in T2. 72 Luis
>

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https://www.avast.com/antivirus

4739. BLT

Yahoo group: pfr3_group
Date: 2016-09-10 22:13:16 UTC
From: Luis LU4HK
Topic: 127 Message: 4739

The BLT only works for balanced lines ? Coaxial not used ? Not quite understand its operation.
72 Luis

Obtener Outlook para Android<https://aka.ms/ghei36>

4740. Re: BLT

Yahoo group: pfr3_group
Date: 2016-09-11 00:10:10 UTC
From: Dale Putnam
Topic: 127 Message: 4740

The Balanced Line Tuner.. is designed to work on Balanced Lines... with the antenna switch in the BLT position.. that works WITHOUT anything connected to the coax bnc. IF a coax ant is connected to the coax bnc, and NOTHING connected to the BL connectors.. then the blt tuner will tune the coax line.

and of course put the coax-blt switch on the front panel in the correct position.

good Luck

Have a great day,
--... ...-- Dale - WC7S in Wy

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Luis LU4HK lu4hk@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, September 10, 2016 4:13 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] BLT

The BLT only works for balanced lines ? Coaxial not used ? Not quite understand its operation.
72 Luis

Obtener Outlook para Android<https://aka.ms/ghei36>

4741. FOXTRAVAGANZA!!

Yahoo group: pfr3_group
Date: 2016-09-14 13:06:44 UTC
From: Dale Putnam
Topic: 4741 Message: 4741

Are you REALLY READY???
Key sharp, antenna tuned.. and adrenaline high???
it is almost time for the FOXTRAVAGANZA !
Where all the FOX and the FOX COMMITTEE get to run and play with all the HOUNDS in the 20 acre wood.. catch us if you can.. How many FOX and Committee can YOU catch? They will be identified when they send "CQ FOX" The exchange is easy : RST State Name and Power.. (of course 5 w or less is all that is to be used). Hope to see you all there.. Thursday evening (local time - 7pm MT to start) for the Fastest 90 min in Radio the FOXTRAVAGANZA in the 20 acre wood (+/- 10k from 14.060).
Good Luck!

Have a great day,
--... ...-- Dale - WC7S in Wy

4742. prf3 down reception

Yahoo group: pfr3_group
Date: 2016-09-26 00:51:07 UTC
From: Luis LU4HK
Topic: 4742 Message: 4742

Hi all, I Yengo calibration problem reciver 3 hertz down as I minimize the error. thank you Luis

Obtener Outlook para Android<https://aka.ms/ghei36>

4743. FOX: Teams

Yahoo group: pfr3_group
Date: 2016-10-11 14:48:39 UTC
From: Dale Putnam
Topic: 4743 Message: 4743

Some of the Hounds are getting their packs (Teams) together for the Winter Season of the Fastest 90 Min in Radio?.. a.k.a. the FOXHUNT??

Need to be solely QRP during this, and have 5 members, a leader, list of calls, and a name for the team. Season starts in about two Weeks!! Best get going.. time is not waiting for you.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

4744. FOX: Season Opener

Yahoo group: pfr3_group
Date: 2016-11-07 03:38:54 UTC
From: Dale Putnam
Topic: 4216 Message: 4744

Greetings!

The 2016-2017 Winter Fox Hunts start this coming Tuesday. Everyone is welcome to participate, and we can still use a few more qualified Foxes.

This is one of the premier events that CQC sponsors, and it gets us a lot of attention across the country, so please support it! Participate as a Hound, and if you feel up to the task of being Fox don't hesitate to put in an application at http://www.qrpfoxhunt.org

Each Tuesday (40M) and Thursday (80M) there will be two Foxes available-- catch them if you can. It's easy (sometimes) and fun (always) and great training for busting a DX pileup and or handling one if you are the Fox. The Hunts start at 0100Z and run for an hour and a half. All the details can be found at http://www.qrpfoxhunt.org Check out the rules, and bookmark the home page because that's your gateway to the schedule and the results as the season progresses.

The QRP Fox Hunts are also at home on Yahoo Groups at

https://groups.yahoo.com/neo/groups/qfox and even on Facebook:
https://www.facebook.com/groups/219719414724171/

or search for QRP Fox Hunt. Both groups are public, so come on in and join us.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

4745. FOX: SEASON OPENER

Yahoo group: pfr3_group
Date: 2016-11-07 14:29:58 UTC
From: Dale Putnam
Topic: 4745 Message: 4745

The FOXHUNT season opener in the 40 acre wood is scheduled! The Game Warden is positioned at the Gate... and is waiting with his starting Flag in hand. All set.. ??

YES! The FOX are ready.. K4BAI - John in Ga.. and W9CF - Kevin in AZ.. are pacing in their dens.. anxious and ready.. been waiting all summer long.. so.. are you. the HOUNDS really ready?

It all happens between the two trees marked 7.030 and 7.050.

And the Game Warden is stoic in his stance to open the gates at exactly 0200 z Wed .. or 7pm MT Tues evening.

Check out the rules - www. qrpfoxhunt.org

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

4746. FS: PFR-3B

Yahoo group: pfr3_group
Date: 2016-11-10 14:19:29 UTC
From: Rick Robinson
Topic: 4746 Message: 4746

I am selling an assembled PFR-3B, the latest version with the encoder, for a friend who is no longer able to operate. He built the PFR-3B in June 2016 but was never able to use it. I've checked it out and it is putting out between 4 - 5W from the built-in AA battery holder on all 3 bands. The TBS-1 battery status LED is installed but not connected and the black plastic button on the TBS-1 switch is missing. He installed a Hammond tilt bale on the rear that will raise the rig to a convenient view angle when engaged. Although the rig seems to be working perfectly the receiver may need to be aligned as he was not able to finish the alignment procedure.

This rig is like new with no scratches or blemishes that I can see. Price is $275 postpaid to the continental US. Alaska, Hawaii and international postage will be extra.

Paypal only. Reply off list if interested.

73,

Rick W4DST

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

4747. LATEST PFR-3 RADIO

Yahoo group: pfr3_group
Date: 2016-11-13 11:17:11 UTC
From: beargyrils@...
Topic: 4747 Message: 4747

I remember when Dale built up my PFR-3 when the kit first came out
One final for each band and from a 12 SLA battery it put out a full 7 watts
Can someone send me a picture of the latest FR-3 rig?
Thanks
BOB AF2DX

4748. Re: LATEST PFR-3 RADIO

Yahoo group: pfr3_group
Date: 2016-11-15 17:08:37 UTC
From: wb8yyy@...
Topic: 4747 Message: 4748

Picture: http://www.qrpkits.com/pfr3.html http://www.qrpkits.com/pfr3.html

4749. Re: LATEST PFR-3 RADIO

Yahoo group: pfr3_group
Date: 2016-11-16 22:20:56 UTC
From: lindsey.wilford@...
Topic: 4747 Message: 4749

Curt, just wondering whether there are any ways to upgrade my PFR2a to the newest version. Frankly I have trouble manipulating the little switches. I have Parkinsons with its accompanying shaky hands. Anyway, tell me where I could write/call to check into this. It would be a real favour.

73,
--Doc/K0EVZ
k0evzdoc@gmail.com

4750. Re: LATEST PFR-3 RADIO

Yahoo group: pfr3_group
Date: 2016-11-17 01:07:46 UTC
From: wb8yyy@...
Topic: 4747 Message: 4750

Doc

Dale here knows these rigs inside and out. I have the original version - here is what I think --

The microcontroller IC in the rig is set up specifically to handle either the push buttons or the knob -- but not both. KD1JV himself could recount how easy it is to swap ICs to enable knob tuning ....

Then you need to acquire the rotary encoder to tune using this method -- and drill a hole for it.

Whether it is as easy as having a new IC, a new part, and a new cover -- I cannot answer.

As for your motor skills -- I have you tried using an object to press the button - such as a pencil eraser? Forgive me for thinking outside the box -- as I can't relate exactly - just trying to suggest.

I hope you are still enjoying RF somehow! The activity is 'good' in spite of the challenge.

Curt

4751. Re: [pfr3_group] Re: LATEST PFR-3 RADIO

Yahoo group: pfr3_group
Date: 2016-11-17 03:10:53 UTC
From: Dale Putnam
Topic: 4747 Message: 4751

Hi Curt,

I think I missed the original question. I do think that someone is trying to consider trying to put the encoder into an early version PFR3.. not to be critical Curt.. yet to put it bluntly, that won't work out as well as you'd think.

There are changes to the board, the freq standard, and the obvious changes include the encoder. IF you want an encoder on a PFR3, I would strongly recommend that a quick contact to Pac Ant to place an order would be in order.. IF you can't see yourself building another one.. have them send it to me, and I'll build it. Or have one of my team build it. DO NOT try to add an encoder without a whole lot of forethought and detective work. It just isn't as simple as swapping the processor and adding an encoder.

ALtho. you have an alternative, now.. that can work well for you.

Thank you Curt, for the heads up..

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

4752. Re: [pfr3_group] Re: LATEST PFR-3 RADIO

Yahoo group: pfr3_group
Date: 2016-11-17 00:46:59 UTC
From: Steven Weber
Topic: 4747 Message: 4752

Sorry Doc, it is simply not possible to do so. I had to move around the connections to the processor chip to free up ports for the encoder to use so either the board would need a lot of cuts and jumps to rewire it or the frimware would have to be seriously modified, or both. It would be a lot of work. There there are also mechancial issues to deal with.

73, Steve KD1JV

Curt, just wondering whether there are any ways to upgrade my PFR2a to the newest version. Frankly I have trouble manipulating the little switches. I have Parkinsons with its accompanying shaky hands. Anyway, tell me where I could write/call to check into this. It would be a real favour.

73,
--Doc/K0EVZ
k0evzdoc@...

4753. Re: [pfr3_group] Re: LATEST PFR-3 RADIO

Yahoo group: pfr3_group
Date: 2016-11-17 16:40:06 UTC
From: lindsey.wilford@...
Topic: 4747 Message: 4753

Dale, are you simply saying to forget it if we own older PFR3a radios? I would surely like to put one on mine, as my shaky hands could operate it better.

73,
--Doc/K0EVZ

4754. Re: [pfr3_group] Re: LATEST PFR-3 RADIO

Yahoo group: pfr3_group
Date: 2016-11-17 17:26:16 UTC
From: Dale Putnam
Topic: 4747 Message: 4754

Hi Doc,

What I am saying is that adding an encoder to an older version radio would best be accomplished by taking the old radio out of the case, carefully poking an hole in the lid of the old case.. buying the new kit radio, building it and installing it into the old case. To try to accomplish adding the encoder to the old radio.. is not feasible. IF you want a new radio.. then I'll build it if you don't want/can't.. that part is really easy.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of lindsey.wilford@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, November 17, 2016 9:40 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: LATEST PFR-3 RADIO

Dale, are you simply saying to forget it if we own older PFR3a radios? I would surely like to put one on mine, as my shaky hands could operate it better.

73,
--Doc/K0EVZ

4755. FS: PFR-3

Yahoo group: pfr3_group
Date: 2016-12-17 20:04:33 UTC
From: fghester@...
Topic: 1473 Message: 4755

FS: PFR-3 original. Works as it should and cosmetically excellent. Original kit provided yellow enclosure. Excellent. $155 plus actual shipping (U.S.P.S. Money Order) from 62704 (Conus only please). Woody / WD9F fghester@yahoo.com Please respond off list. Thanks!

4756. Happy New Year

Yahoo group: pfr3_group
Date: 2016-12-31 16:57:16 UTC
From: Dale Putnam
Topic: 4756 Message: 4756

A Happy New Year to each and every one,

May it be a BETTER Year for us all,

One that we can enjoy, and share the JOY,

of the Seasons with each other in,

And one to remember with fondness as it passes.

May the Props be always in your favor.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

4757. 80 ACRE FOXHUNT

Yahoo group: pfr3_group
Date: 2017-01-05 01:13:43 UTC
From: Dale Putnam
Topic: 4757 Message: 4757

The 80 acre FOXHUNT will start promptly at 7pm MT Thursday evening, aka 0200z Fri, between the two trees marked 3550 and 3570.. Between those two trees will be TWO FOX, aka K4BAI and WC7S who will be calling "CQ FOX de (cal)" "UP" or "DWN"

This is a training for dx ops that want to become more proficient working through dx pileups, so listen close to the FOX instructions.. it isn't out of line to hear "up 1" then the next time "up 2" and then "dwn 1" ... all of which indicate where to go to grab a pelt freely handed out by the FOX. This also indicates what the FOX may be having to deal with too. A HUGE pile of baying hounds.. all in a pile is tuff to sort out, so moving about, may help, when following directions, or spreading just abit out of the pile.

The exchange will be - RST- state/province - name - power (max power is 5 watts, while many have gained a pelt with under 100 mw across the country)

K4BAI Ga John 5w

WC7S WyLee 5W

Good luck to all, and

May the PROPS be always in OUR FAVOR

Have a great day,

--... ..---
The Wylee FOX in Wy

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

4758. New file uploaded to pfr3_group

Yahoo group: pfr3_group
Date: 2017-01-08 16:34:32 UTC
From: pfr3_group@yahoogroups.com
Topic: 123 Message: 4758

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the pfr3_group
group.

File : /Add a small amplifier to PFR-3a
Uploaded by : michaelg0hio <michaelg0hio@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/pfr3_group/files/Add%20a%20small%20amplifier%20to%20PFR-3a

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

michaelg0hio <michaelg0hio@...>

4759. add small amplifier to pfr3-a

Yahoo group: pfr3_group
Date: 2017-01-08 16:52:33 UTC
From: michaelg0hio@...
Topic: 4759 Message: 4759

Can anyone advise how I can connect my pfr3a to a small amplifier, like the popular ones on ebay -MX-P50M.
The Mini hfpa kit is rf switched and would be ideal but costs towards £400 to my door in the UK!
I have found a few simple circuits to switch the amplifier but have no clue where to connect to the pfr3a.
I participate in Summits on the Air and have never failed to get contacts with 5 watts, but the number of contacts is reducing dramatically as the sunspots decline. The antenna was considered first and is about as good as a portable antenna can be. So this is why I wanted to add a bit more power in the 2017 season.
Any help would be appreciated.

(I wrongly posted this as a file and cannot delete it, Sorry)
Thanks Mike

4760. Re: [pfr3_group] add small amplifier to pfr3-a

Yahoo group: pfr3_group
Date: 2017-01-09 01:13:35 UTC
From: Steven Weber
Topic: 4759 Message: 4760

So, you need a way to control the T/R relay in the external amp. I would use the MUTE control line from the processor. You can identify which pin it is from the schematic. You need to buffer that port to use it externally. A 2N7000 will do the trick and will provide an active low output to turn on a relay. Drill a hole in the back of the cabinet and install a jack of some kind to route that control line out to the amplifier.

Steve KD1JV

Can anyone advise how I can connect my pfr3a to a small amplifier, like the popular ones on ebay -MX-P50M.
The Mini hfpa kit is rf switched and would be ideal but costs towards £400 to my door in the UK!
I have found a few simple circuits to switch the amplifier but have no clue where to connect to the pfr3a.

4761. WTB: PFR3A/PFR3B

Yahoo group: pfr3_group
Date: 2017-02-15 14:36:40 UTC
From: rugelj2002@...
Topic: 4761 Message: 4761

I am looking to purchase a nice PFR3A/PFR3B. Thank you. Alfred W6JHO
Email.....rugelj2002@yahoo.com.....

4762. PFR3 TO SOLD ..

Yahoo group: pfr3_group
Date: 2017-02-17 19:42:57 UTC
From: jeancharron@...
Topic: 4762 Message: 4762

PFR3 for sale .. make me an offer ..photo available on request ..

Jean VE2JCW

4763. Re: PFR3 TO SOLD ..

Yahoo group: pfr3_group
Date: 2017-02-18 16:53:45 UTC
From: jeancharron@...
Topic: 4762 Message: 4763

PFR3 SOLD !! 73 JEAN

4764. New User

Yahoo group: pfr3_group
Date: 2017-02-21 03:51:02 UTC
From: va3kot@...
Topic: 984 Message: 4764

Just bought a used PFR3 and love it but having trouble with the BLT. On checking the messages here it seems I am not alone. I tested the BLT with a dummy load (375 ohms) across the balanced line terminals and the BLT tunes just fine on 40m and 30m but not on 20m. Can anybody suggest what to look for to resolve this?
John, VA3KOT

4765. RE: [pfr3_group] New User

Yahoo group: pfr3_group
Date: 2017-02-21 17:05:25 UTC
From: <steve.kd1jv@...>
Topic: 984 Message: 4765

The tuning is very sharp and it can be hard to see the dip in the LED. Running the rig at reduced voltage to reduce the power output might help.

Try using a different load resistor. Maybe it doesn’t like 375 ohms. Although the tuner can match a wide range of loads, we never figured out exactly what the upper and lower limits are.

You might need to spread out the turns on the toroid a little. Count the turns to make sure an extra turn or two wasn’t added.

Steve, KD1JV
Just bought a used PFR3 and love it but having trouble with the BLT. On checking the messages here it seems I am not alone. I tested the BLT with a dummy load (375 ohms) across the balanced line terminals and the BLT tunes just fine on 40m and 30m but not on 20m. Can anybody suggest what to look for to resolve this?
John, VA3KOT

4766. RE: [pfr3_group] New User

Yahoo group: pfr3_group
Date: 2017-02-21 17:37:20 UTC
From: wb8yyy@...
Topic: 984 Message: 4766

Enjoy your fine rig acquisition. One more thing on the antenna - please note there are 2 switches involved with its use. Note the toggle switch on the back -- take out your DVM to appreciate how it works. In one position, this switch will attach one of the banana terminals to ground - this is the position normally used with a coax cable attached to the rig. the other position disconnects ground, and is used with balanced line. the other switch is a high-low impedance switch, which may come in handy for some circumstances.

I suspect not everyone mounted the toggle switch in the same direction - you may wish to label the grounded position.

as Steve suggests it is a sharp tuner, and I find them a bit harder to adjust than a normal C-L-C tuner. but it is a nice tuner - so have some patience. someone on the list had suggested a 46 foot long off-center fed dipole (fed at 1/3rd point) fed with balanced line -- and I have used it on all 3 bands with the PFR3 from a cabin.

once you understand the switches -- time to try an antenna ! use any atmospheric noise to pre-position the tuner adjustments.

73 Curt

4767. RE: [pfr3_group] New User

Yahoo group: pfr3_group
Date: 2017-02-21 19:08:24 UTC
From: va3kot@...
Topic: 984 Message: 4767

Thanks for the help. I discovered that C70 wasn't soldered on one of its leads but that didn't fix it. I suspect the coil may be the problem. I found that to get the LED to go out on 40m the tune control is at around 75% and on 30m it is around 90%. Maybe that means there is too much inductance in T3 to get resonance on 20m. Its hard to count the turns on T3 while it is soldered in place but it does appear there may be at least one extra turn. Removing T3 and rewinding it seems kinda daunting but maybe I'll have to do that.

4768. RE: [pfr3_group] New User

Yahoo group: pfr3_group
Date: 2017-02-21 19:36:02 UTC
From: va3kot@...
Topic: 984 Message: 4768

Steve, just a thought. Instead of dismantling the radio to rewind T3, would it be a good idea to short out 1 or 2 turns on the top of the toroid on each side of the center tap?

I tried adjusting the trimmers on the tune and load varicaps but I still couldn't bring 20m into range so it looks like inductance is the issue.

4769. RE: [pfr3_group] New User

Yahoo group: pfr3_group
Date: 2017-02-21 20:14:28 UTC
From: wb8yyy@...
Topic: 984 Message: 4769

I would not be quick to put the rig into surgery. What kind of antenna are you trying to tune ?

Did you try both low Z and high Z settings of the top panel switch ?

Are you sure you have the toggle switch I mentioned in the appropriate position ?

Try to tune the antenna in the receive mode -- just listening to noise -- to see if you can find a peak.

One extra turn does not entirely phase me that it is worth disassembly, until you are sure you have tried all these settings.

I take it you have only one antenna to try ?

Unless you are anxious to use the rig on 20m, I would suggest using it some on the other 2 bands - -experience may help with the solution.

Curt

4770. RE: [pfr3_group] New User

Yahoo group: pfr3_group
Date: 2017-02-21 21:40:20 UTC
From: va3kot@...
Topic: 984 Message: 4770

Thanks Curt. Yes, I am familiar with the antenna switch on the back. Before posting my question I read quite a lot of the previous posts on the topic. I am confident that I have BOTH switches in the correct positions. I have tried various antennas and when I experienced difficulty with all of them I followed the advice I read on this group somewhere, and tried tuning a dummy load. I am using 4 parallel 1500 ohm, 5%,1W resistors connected to the balanced line terminals. With this arrangement I can make the LED go out completely on 40m and 30m. I am familiar and comfortable with the very careful, interactive adjustment of the two tuning controls. I believe that too much inductance is my problem because the "Tune" control is way up on 40m, and just about max on 30m, suggesting 20m is just out of range. I can convince myself there is a very slight dimming of the LED on 20m if I fiddle with it long enough. However, that probably means my SWR is still too high.

BTW: This is a 2008 model of the PFR3 that I bought used from a retiring ham.
John, VA3KOT

4771. T3 Number of Turns

Yahoo group: pfr3_group
Date: 2017-02-21 22:08:53 UTC
From: va3kot@...
Topic: 4771 Message: 4771

My 2008 vintage PFR3 has 16t(center-tapped)/12t/6t as per the manual accompanying it. I noticed, in the manual in the files section of this Yahoo Group, that T3 should have 12t(center-tapped)/6t/2t. Has there been a design change?

John, VA3KOT

4772. Re: New User

Yahoo group: pfr3_group
Date: 2017-02-21 22:44:29 UTC
From: va3kot@...
Topic: 984 Message: 4772

After much poking and prodding of the T3 windings and some adjustment of the trimmers on the Tune varicap my BLT now seem to be able to tune all three bands when connected to my home QTH antenna (147ft long wire up 50ft terminated in a 1:1 current balun and a short coax). I wish I knew what finally made it work but I don't. My T3 may have been too close to the switches above it and caused a short. I finally got it to work when I prised the core up a bit to examine the windings so just maybe ...

Anyway, thanks for all the help guys. Appreciated.
John, VA3KOT

4773. PFR-3B for sale

Yahoo group: pfr3_group
Date: 2017-03-07 21:07:30 UTC
From: vadimkras@...
Topic: 4773 Message: 4773
Attachments: 1 described; binary payloads are missing from this source WARC

I have nice yellow PFR-3B (one with a knob) that I'm willing to part with.
Please email me for pictures and details.

Vadim

AA6MU

4774. Stored Messages Spontaneously Send

Yahoo group: pfr3_group
Date: 2017-03-20 16:10:32 UTC
From: va3kot@...
Topic: 4774 Message: 4774

I am still new to this radio and learning its tricks. I managed to program the two stored messages but now the radio spontaneously transmits one of the messages (usually the first one) while I am keying. I understand that when I want to send a stored message I hit the menu button then one of the two paddles. That works just fine. I have checked battery voltage - not a problem. I suspected maybe RFI from my dummy load. That doesn't seem likely as the dummy load is inside a metal can. Has anybody else experienced this, or can anybody suggest a possible cause?
John, VA3KOT

4775. Re: Stored Messages Spontaneously Send

Yahoo group: pfr3_group
Date: 2017-03-24 16:10:00 UTC
From: va3kot@...
Topic: 4774 Message: 4775

I am begininng to suspect this is not an active group any more so I'll document my experiences trying to use the PFR-3 stored messages function for anybody who may share the same problems.

Two difficulties have been experienced:
1. Stored messages (in my case, my CQ message) transmit spontaneously while I am keying. It doesn't matter whether I am using paddles or a straight key, transmission of my stored CQ message begins unexpectedly and unpredictably, interrupting a QSO.

2. As others have documented here, stored messages are sometimes corrupted during transmission. I suspected the problem was due to my keying error during programming at first. However, most of the time, the messages are sent just fine.

Regrettably, these two problems - especially the first one - make the Hendricks PFR-3 keyer messages unusable for me. I am looking into external keyer alternatives and will erase the stored messages as soon as I have a solution. I am disappointed because I bought my (secondhand) PFR-3 with high expectations and a great deal of excitement for a one-box solution for operating in the field. It is possible that my unit has a problem that others don't have but I have no way to determine that since my original post (and a previous post on another topic) received no responses.

4776. RE: [pfr3_group] Re: Stored Messages Spontaneously Send

Yahoo group: pfr3_group
Date: 2017-03-24 16:51:53 UTC
From: <steve.kd1jv@...>
Topic: 4774 Message: 4776
Attachments: 1 described; binary payloads are missing from this source WARC

Yes, this is not a very active group, but I do monitor it in case a question like yours comes up. Sorry I've been very busy the last few days so didn't have a chance to respond immediately.

It sounds like a software glitch, but to my knowledge, you're the first the have a sporadic sending problem. If you have a very early release of the kit, there was an interrupt problem which if it occurred at the wrong time could corrupt the entering of a message, but it did not cause a random sending of a message. This was a fairly rare event since several things had to line up at the same time to cause the glitch. Which made it a real bugger to debug.

There is only two possibilities. One is the KEYER switch is intermittently closing while your sending and that is activating the send message routine. If the switch toggle lever seems real loose and wobbly, that might be the problem. The other is the processor program memory has lost a bit or two corrupting that part of the program, though that is a long shot. Usually if something happens to the processor, nothing will work right.

I would investigate the switch as the potentual problem first. Worse comes to worse, we can send you a new processor, but we'd need to know which version of the kit you have. To find out, you'd have to remove the board from the case to see the top side. If in the lower left corner it says "REV A" you have a REV A board. If not you have an initial release board. The only difference as far as the processor is concerned is two the LED segments got moved around to different ports.

73, Stev3e KD1JV

I am begininng to suspect this is not an active group any more so I'll document my experiences trying to use the PFR-3 stored messages function for anybody who may share the same problems.

Two difficulties have been experienced:
1. Stored messages (in my case, my CQ message) transmit spontaneously while I am keying. It doesn't matter whether I am using paddles or a straight key, transmission of my stored CQ message begins unexpectedly and unpredictably, interrupting a QSO.

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4777. RE: [pfr3_group] Re: Stored Messages Spontaneously Send

Yahoo group: pfr3_group
Date: 2017-03-25 15:40:40 UTC
From: va3kot@...
Topic: 4774 Message: 4777

Thanks very much for the reply Steve. I confirm I have a Rev A board. I checked the keyer switch and it has the same feel as the other switches. The keyer switch also functions normally when I activate it. I also checked the solder connections to the switch and they look good. In a way I am glad the problem hasn't been experienced by others. This a good radio but I suspect mine has a gremlin. I will continue to monitor the issue and advise if I need further help. In the meantime I have developed quick reactions to hit the dit paddle to stop the transmission if it happens spuriously. Best 73s, John va3kot.

4778. FOXRAVAGANZA!!

Yahoo group: pfr3_group
Date: 2017-04-11 03:06:56 UTC
From: Dale Putnam
Topic: 4778 Message: 4778

Tuesday evening local.. the LAST FOXHUNT of the winter season, will be held. April 11, (local) will be the day, the regular time to start. Check the webpage www.qrpfoxhunt.org<http://www.qrpfoxhunt.org>

QRP Fox Hunt Home Page<http://www.qrpfoxhunt.org/>
www.qrpfoxhunt.org
Welcome to the QRP FOX HUNT! Home Page "It's a fine fox chase, my boys!" George Washington, Battle of Princeton, 1777

for the rules.. the exchange will be RST, State, Name, Pwr ..

To honor one of our members will be missed, K9JWV (SK) recently, many of us will be using "JIM" in the exchange. How many "JIM"s can you find?

Please post your log on the qfox reflector, that will be our only scores for this final FOXTRAVAGANZA.. of the season. COME Have some fun with us.!!

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

4779. FOXRAVAGANZA!!

Yahoo group: pfr3_group
Date: 2017-04-11 23:34:08 UTC
From: Dale Putnam
Topic: 4778 Message: 4779

The NAQCC Sprint will be on tonight also.. with the FOXTRAVAGANZA..
The NAQCC exchange is RST STATE PWR or #
The FOXHUNT exchange is RST STATE NAME PWR

For the FOXHUNT FOX, HOUNDS, and Committee, who will be working each other.. all for all.. in order to share with the NAQCC and help everyone have a great time.. let's work them too.. I happen to have an NAQCC number.. and will make my exchange:

RST WY JIM nr 272 5w IF you don't have a number.. just send your power.
The only catch may be in getting their name.. and in that case.. from an NAQCC member, it would be real easy to log in the name as NAQCC..

that covers the needed info.. for the FOXHUNT.. and for the NAQCC..

Now, for the NAQCC.. they have scoring to worry about..
FOXHUNT folks will not.. so the more we work.. the happier we get. And.. the more fun for all.

ALSO ---
because we will have many more stations in the woods than normal.. let's expand to utilize ALL that we can. In other words.. BIGGER WOODS. IF you find a clear spot below 7.030.. go for it.. or above 7.050.. spread out to ease the pressure a bit..

Let's all have fun..
GOOD LUCK!! See you in the wider woods

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

4780. Hendricks PFR3A For Sale

Yahoo group: pfr3_group
Date: 2017-05-01 20:30:33 UTC
From: rugelj2002@...
Topic: 4780 Message: 4780

Station QRT here. I have my Hendricks PFR3A for sale, beautiful condition and works great! Included manual and power cord. Second owner. Photo available. $235.00 SHIPPED in 48 States. Al W6JHO

4781. Pfr3b recepcion problem

Yahoo group: pfr3_group
Date: 2017-07-14 12:57:50 UTC
From: Luis LU4HK
Topic: 4781 Message: 4781

Hello everyone!!! After a year I could conclude the project of pfr 3b. Wrong cables for coils and at last Kits & parts I ship them. I have some noise in the receiver sometimes and when I pull the antenna connector the noise is. Someone can help me if the solution is possible. Greetings Luis LU4HK
Outlook para iOS<https://aka.ms/o0ukef>

4782. Re: Pfr3b recepcion problem

Yahoo group: pfr3_group
Date: 2017-07-14 14:54:53 UTC
From: wb8yyy@...
Topic: 4781 Message: 4782

Luis

I am not understanding your receive problem exactly.

First, please note the 2 configurations for the internal antenna tuner, via toggle switch in the back. This ATU works nicely, but is complex to use.

Not sure what you mean hy noise with the antenna connector pulled? perhaps you may be be saying you hear noise with no antenna connected? If so, this is not a big problem if band noise via the antenna is louder.

Do evaluate all 3 bands.

Also insure you are using a good power supply. a computer type power supply may be too noisy.

I do not anticipate noise problems inside the PFR3, as the DDS and controller should not contribute noise without a serious assembly problem, like a backwards capacitor or missing one.

Curt

PS my daughter speaks Spanish if you have difficulty describing the issue and wish to email me, see qrz.com

4783. RE: [pfr3_group] Pfr3b recepcion problem

Yahoo group: pfr3_group
Date: 2017-07-14 14:57:51 UTC
From: Steven Weber
Topic: 4781 Message: 4783

Luis,

We need a lot more information about what might be working to figure out what isn’t working.

Problems with soldering are by far the most common reason a kit will not work. In my experience of looking at many kits sent back to me to fix, it is the only reason. Inspect all the soldering very carefully. Usually it’s only one or two places which cause the problem. The trick is to narrow down the area to look at.

Were you able to calibrate the DDS and adjust the BFO trimmer? Does it transmit with proper power output? Do you hear side tone when keying the transmitter? Display works and tunes up and down?

Do you have all the switches in the correct positions?

Steve KD1JV

Hello everyone!!! After a year I could conclude the project of pfr 3b. Wrong cables for coils and at last Kits & parts I ship them. I have some noise in the receiver sometimes and when I pull the antenna connector the noise is. Someone can help me if the solution is possible. Greetings Luis LU4HK
 Outlook para iOS

4784. Pfr3 problem

Yahoo group: pfr3_group
Date: 2017-07-14 15:15:34 UTC
From: Luis LU4HK
Topic: 4784 Message: 4784

Hello Steve, my pfr3 worked properly until I put the original magnetic cable. I do not know if I should modify the bfo, I could never calibrate it well, it is very difficult for me without instruments. The audio of the receiver is very low or are the conditions of propagation. Greetings Luis

Descarga Outlook para iOS<https://aka.ms/o0ukef>

4785. Re: Pfr3 problem

Yahoo group: pfr3_group
Date: 2017-07-14 22:50:38 UTC
From: wb8yyy@...
Topic: 4784 Message: 4785

Luis

Still awaiting my translator she seems to be occupied. If your pfr3 was working, possibly your repair damaged a weak solder joint. As there are few parts do examine the complete receive path.

I am not sure what you mean by magnetic cable, unless you refer to coaxial cable. Do check with a DVM to make sure you do not have a short circuit across a coxial cable or other RF connection.

We all have simple problems in circuit assembly. its a very nice rig so be patient.

73 Curt

4786. Re: [pfr3_group] Pfr3 problem

Yahoo group: pfr3_group
Date: 2017-07-15 11:35:47 UTC
From: Luis LU4HK
Topic: 4784 Message: 4786

Thank You Curt

Descarga Outlook para iOS<https://aka.ms/o0ukef>

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Luis LU4HK lu4hk@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Friday, July 14, 2017 12:15:34 PM
To: steve.kd1jv@gmail.com; pfr3_group@yahoogroups.com
Subject: [pfr3_group] Pfr3 problem

Hello Steve, my pfr3 worked properly until I put the original magnetic cable. I do not know if I should modify the bfo, I could never calibrate it well, it is very difficult for me without instruments. The audio of the receiver is very low or are the conditions of propagation. Greetings Luis

Descarga Outlook para iOS<https://aka.ms/o0ukef>

4787. (no subject)

Yahoo group: pfr3_group
Date: 2017-07-17 09:36:31 UTC
From: Luis LU4HK
Topic: 4787 Message: 4787

Hello friends, after verifying all the solder pads my Pfr3b has reception but very low sound. I hear Japanese stations but with the volume command to the maximum in 40 meters. In transmission functions correctly. Check the voltages of U5, U3 and U1 and are correct. I still have to see how to check the mosfet transistors. If anyone can help me Greetings Luis LU4HK

Descarga Outlook para iOS<https://aka.ms/o0ukef>

4788. Problems

Yahoo group: pfr3_group
Date: 2017-07-17 13:49:19 UTC
From: Luis LU4HK
Topic: 4788 Message: 4788

Now I have no power output, I will check the output network and the key qsk Outlook para iOS<https://aka.ms/o0ukef>

4789. (no subject)

Yahoo group: pfr3_group
Date: 2017-07-18 14:35:15 UTC
From: Luis LU4HK
Topic: 4789 Message: 4789

Friends is already working perfectly, the antenna output cable was poorly welded. I'll be testing. The reception is half weak of sound, must be the conditions 72 73 Luis

Outlook para iOS<https://aka.ms/o0ukef>

4790. Re:

Yahoo group: pfr3_group
Date: 2017-07-19 18:15:39 UTC
From: wb8yyy@...
Topic: 4789 Message: 4790

Luis

do continue to evaluate - as maybe things are okay now. use your DVM ohm-meter to set up a direct path to the coax connector - to evaluate receive and transmit.

I have had both solder issues (at one of the crystals) and issues as you describe with the coax cables.

I sense you are almost there - enjoy the journey even in difficulty.

No word from either of my translators - but maybe you are almost finished.

Curt

4791. 12 volt 7amp reading 18 volts

Yahoo group: pfr3_group
Date: 2017-08-08 19:03:17 UTC
From: mrmaxmarbles@...
Topic: 4791 Message: 4791

I picked up a 12 volt 7 amp battery from Amazon. It reads 18 volts and the power requirements for the PFR-3 top off at 12 volts. Should I get an inline voltage regulator to bring the volts down?

4792. Re: [pfr3_group] 12 volt 7amp reading 18 volts

Yahoo group: pfr3_group
Date: 2017-08-08 19:34:02 UTC
From: Pacific Antenna
Topic: 4791 Message: 4792

Is the battery lead acid or some type of lithium? The latter can often have higher voltage.

If it is lead acid, that may be the open circuit voltage since a multimeter will not provide any load on the battery.

Try putting a resistor across the terminals while measuring the voltage.

Something in the range of 200-500 ohms should give enough load. You can always parallel larger value resistors such as 1K ohms to get to 500.

If it is much above 12.6V under load, it could cause damage to the PFR.

One easy trick is a few in line diodes. With the diodes, you just need ones with sufficient current capability (3 or 4A) and put several in series in the power lead. Each one will drop about 0.7V so you can just determine how many are needed to get to the desired voltage.

Please let me know what you find on the battery as that voltage should not be seen with a typical lead acid battery.

James
KA5DVS

On Tue, Aug 8, 2017 at 12:03 PM, mrmaxmarbles@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> I picked up a 12 volt 7 amp battery from Amazon. It reads 18 volts and the
> power requirements for the PFR-3 top off at 12 volts. Should I get an
> inline voltage regulator to bring the volts down?
>
>

4793. Re: [pfr3_group] 12 volt 7amp reading 18 volts

Yahoo group: pfr3_group
Date: 2017-08-08 20:27:45 UTC
From: mrmaxmarbles@...
Topic: 4791 Message: 4793

Thanks, James. It is lead acid.
https://www.amazon.com/gp/product/B003S1RQ2S/ref=oh_aui_detailpage_o00_s00?ie=UTF8&psc=1
https://www.amazon.com/gp/product/B003S1RQ2S/ref=oh_aui_detailpage_o00_s00?ie=UTF8&psc=1

4794. RE: [pfr3_group] 12 volt 7amp reading 18 volts

Yahoo group: pfr3_group
Date: 2017-08-09 01:23:33 UTC
From: Steven Weber
Topic: 4791 Message: 4794
Attachments: 1 described; binary payloads are missing from this source WARC

If it is truly reading 18V, something is wrong with it. The nominal under charge voltage should not much exceed 13.8V. It can only go higher if a cell develops a high internal resistance and an unregulated charger is being used. In that case, in use the battery will loose voltage quickly due to that bad cell or cells. I have several gel cell batteries which need to go to the recycle place.

It is also possible, but unlikely your voltmeter is way off.

Steve KD1JV

Thanks, James. It is lead acid.
https://www.amazon.com/gp/product/B003S1RQ2S/ref=oh_aui_detailpage_o00_s00?ie=UTF8&psc=1

4795. RE: [pfr3_group] 12 volt 7amp reading 18 volts

Yahoo group: pfr3_group
Date: 2017-08-09 04:10:08 UTC
From: mrmaxmarbles@...
Topic: 4791 Message: 4795

Sorry, it was the voltmeter! Got a new one today and lined up several types of batteries and all were in proper range. The 12V 7A read 12.59V, sorry to trouble everyone and thanks for your comments.

4796. PFR-3 trouble

Yahoo group: pfr3_group
Date: 2017-09-22 08:04:11 UTC
From: kwet@...
Topic: 4796 Message: 4796

my PFR-3 developed a problem, at first , in BLT position no power on 40m, 30 and 20m was OK.
now wont work at all in BLT position. Works OK in Coax position.
Any help for troubleshooting ?

73 kurt

4797. Re: [pfr3_group] PFR-3 trouble

Yahoo group: pfr3_group
Date: 2017-09-22 10:56:03 UTC
From: Dale Putnam
Topic: 4796 Message: 4797

Does it light the led or is that what is being used for power indicator? What is the current used ?

Make this a great day
Dale

On Sep 22, 2017, at 2:04 AM, kwet@bluewin.ch<mailto:kwet@bluewin.ch> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

my PFR-3 developed a problem, at first , in BLT position no power on 40m, 30 and 20m was OK.

now wont work at all in BLT position. Works OK in Coax position.

Any help for troubleshooting ?

73 kurt

4798. Re: Re: [pfr3_group] PFR-3 trouble

Yahoo group: pfr3_group
Date: 2017-09-22 12:37:21 UTC
From: kwet@bluewin.ch
Topic: 4796 Message: 4798

Hi dale,
many thanks for looking at my problem. Well the SWR led ligths as usual in Tune position.
I use a Power/SWR for checking/ measuring. using 12 volt battery as usual..
tnx agn for further diagnostic !
best 73 kurt HB9AFI
----Message d'origine----
De : pfr3_group@yahoogroups.com
Date : 22/09/2017 - 12:56 ()
À : pfr3_group@yahoogroups.com
Objet : Re: [pfr3_group] PFR-3 trouble

Does it light the led or is that what is being used for power indicator? What is the current used ?

Make this a great day

Dale

On Sep 22, 2017, at 2:04 AM,
kwet@... [pfr3_group] <
pfr3_group@yahoogroups.com> wrote:

my PFR-3 developed a problem, at first , in BLT position no power on 40m, 30 and 20m was OK.

now wont work at all in BLT position. Works OK in Coax position.

Any help for troubleshooting ?

73 kurt


```
*#ygrp-mkp {
border: 1.0px solid rgb(216,216,216);
font-family: Arial;
margin: 10.0px 0;
padding: 0 10.0px;
}
*#ygrp-mkp hr {
border: 1.0px solid rgb(216,216,216);
}
*#ygrp-mkp *#hd {
color: rgb(98,140,42);
font-size: 85.0%;
font-weight: 700;
line-height: 122.0%;
margin: 10.0px 0;
}
```

```
*#ygrp-mkp *#ads {
margin-bottom: 10.0px;
}
*#ygrp-mkp *.ad {
padding: 0 0;
}
*#ygrp-mkp *.ad p {
margin: 0;
}
*#ygrp-mkp *.ad a {
color: rgb(0,0,255);
text-decoration: none;
}
*#ygrp-sponsor *#ygrp-lc {
font-family: Arial;
}
*#ygrp-sponsor *#ygrp-lc *#hd {
margin: 10.0px 0.0px;
font-weight: 700;
font-size: 78.0%;
line-height: 122.0%;
}
*#ygrp-sponsor *#ygrp-lc *.ad {
margin-bottom: 10.0px;
padding: 0 0;
}
*#actions {
font-family: Verdana;
font-size: 11.0px;
padding: 10.0px 0;
}
*#activity {
background-color: rgb(224,236,238);
float: left;
font-family: Verdana;
font-size: 10.0px;
padding: 10.0px;
}
*#activity span {
font-weight: 700;
}
*#activity span:first-child {
text-transform: uppercase;
}
*#activity span a {
color: rgb(80,133,182);
text-decoration: none;
}
*#activity span span {
color: rgb(255,121,0);
```

```
}
*#activity span *.underline {
text-decoration: underline;
}
*.attach {
clear: both;
display: table;
font-family: Arial;
font-size: 12.0px;
padding: 10.0px 0;
width: 400.0px;
}
*.attach div a {
text-decoration: none;
}
*.attach img {
border: none;
padding-right: 5.0px;
}
*.attach label {
display: block;
margin-bottom: 5.0px;
}
*.attach label a {
text-decoration: none;
}
blockquote {
margin: 0 0 0 4.0px;
}
*.bold {
font-family: Arial;
font-size: 13.0px;
font-weight: 700;
}
*.bold a {
text-decoration: none;
}
dd.last p a {
font-family: Verdana;
font-weight: 700;
}
dd.last p span {
margin-right: 10.0px;
font-family: Verdana;
font-weight: 700;
}
dd.last p span.yshortcuts {
margin-right: 0;
}
div.attach-table div div a {
```

```
text-decoration: none;
}
div.attach-table {
width: 400.0px;
}
div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title
a:visited {
text-decoration: none;
}
div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title
a:visited {
text-decoration: none;
}
div#ygrp-mlmsg *#ygrp-msg p a span.yshortcuts {
font-family: Verdana;
font-size: 10.0px;
font-weight: normal;
}
*.green {
color: rgb(98,140,42);
}
*.MsoNormal {
margin: 0 0 0 0;
}
o {
font-size: 0;
}
*#photos div {
float: left;
width: 72.0px;
}
*#photos div div {
border: 1.0px solid rgb(102,102,102);
height: 62.0px;
overflow: hidden;
width: 62.0px;
}
*#photos div label {
color: rgb(102,102,102);
font-size: 10.0px;
overflow: hidden;
text-align: center;
white-space: nowrap;
width: 64.0px;
}
*#reco-category {
font-size: 77.0%;
}
*#reco-desc {
font-size: 77.0%;
```

```
}
*.replbq {
margin: 4.0px;
}
*#ygrp-actbar div a:first-child {
margin-right: 2.0px;
padding-right: 5.0px;
}
*#ygrp-mlmsg {
font-size: 13.0px;
font-family: Arial , helvetica , clean , sans-serif;
}
* font:x-small {
}
*#ygrp-mlmsg table {
font-size: inherit;
font: 100.0%;
}
*#ygrp-mlmsg select, input, textarea {
font: 99.0% Arial , Helvetica , clean , sans-serif;
}
*#ygrp-mlmsg pre, code {
font: 115.0% monospace;
}
* {
}
*#ygrp-mlmsg * {
line-height: 1.22em;
}
*#ygrp-mlmsg *#logo {
padding-bottom: 10.0px;
}
*#ygrp-msg p a {
font-family: Verdana;
}
*#ygrp-msg p#attach-count span {
color: rgb(30,102,174);
font-weight: 700;
}
*#ygrp-reco *#reco-head {
color: rgb(255,121,0);
font-weight: 700;
}
*#ygrp-reco {
margin-bottom: 20.0px;
padding: 0.0px;
}
*#ygrp-sponsor *#ov li a {
font-size: 130.0%;
text-decoration: none;
```

```
}
*#ygrp-sponsor *#ov li {
font-size: 77.0%;
list-style-type: square;
padding: 6.0px 0;
}
*#ygrp-sponsor *#ov ul {
margin: 0;
padding: 0 0 0 8.0px;
}
*#ygrp-text {
font-family: Georgia;
}
*#ygrp-text p {
margin: 0 0 1.0em 0;
}
*#ygrp-text tt {
font-size: 120.0%;
}
*#ygrp-vital ul li:last-child {
border-right: none;
}
```

4799. Re: [pfr3_group] PFR-3 trouble

Yahoo group: pfr3_group
Date: 2017-09-22 13:21:10 UTC
From: Steven Weber
Topic: 4796 Message: 4799

Check the solder connections to the BLT toroid and associated parts.
Steve KD1JV
my PFR-3 developed a problem, at first , in BLT position no power on 40m, 30 and 20m was OK.

now wont work at all in BLT position. Works OK in Coax position.

Any help for troubleshooting ?

73 kurt

4800. Re: [pfr3_group] PFR-3 trouble

Yahoo group: pfr3_group
Date: 2017-09-25 18:35:13 UTC
From: daleputnam@...
Topic: 4796 Message: 4800

Hi Kurt,
Does the radio work ok now? or is it still in trouble on the blt side?
If so.. when in the blt mode, in tune.. does the led dim at all.. while tuning the Load and Tune caps, with the low/high switch in either position and the antenna switch in the balanced position.. with a 600 ohm resistor across the terminals.. it should be a 5 watt size.

4801. X1-5 crystal case installation PFR-3B

Yahoo group: pfr3_group
Date: 2017-09-28 22:59:00 UTC
From: transistors56@...
Topic: 4801 Message: 4801

Is anyone aware of a small gap requirement between the board and the bottom of the crystal case?

I'm building my PFR-3B now and on other rigs, they've called for like a 1/16" gap between the board and the case. I don't see any specs in the manual but thought I would ask.

Thanks for any help,
Brent

4802. Re: [pfr3_group] X1-5 crystal case installation PFR-3B

Yahoo group: pfr3_group
Date: 2017-09-28 23:06:48 UTC
From: Dale Putnam
Topic: 4801 Message: 4802

Yes it is a standard practice to do. That was specified in earlier kits the spacing is the thickness of a matchbook cover

Make this a great day
Dale

On Sep 28, 2017, at 4:59 PM, transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Is anyone aware of a small gap requirement between the board and the bottom of the crystal case?

I'm building my PFR-3B now and on other rigs, they've called for like a 1/16" gap between the board and the case. I don't see any specs in the manual but thought I would ask.

Thanks for any help,

Brent

4803. Re: [pfr3_group] X1-5 crystal case installation PFR-3B

Yahoo group: pfr3_group
Date: 2017-09-28 23:09:48 UTC
From: JB R
Topic: 4801 Message: 4803

Thanks Dale, I'm glad I checked first... sounds familiar.
Regards,
Brent

Sent from my iPhone

On Sep 28, 2017, at 7:06 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Yes it is a standard practice to do. That was specified in earlier kits the spacing is the thickness of a matchbook cover

Make this a great day
Dale

On Sep 28, 2017, at 4:59 PM, transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Is anyone aware of a small gap requirement between the board and the bottom of the crystal case?

I'm building my PFR-3B now and on other rigs, they've called for like a 1/16" gap between the board and the case. I don't see any specs in the manual but thought I would ask.

Thanks for any help,

Brent

4804. Re: [pfr3_group] X1-5 crystal case installation PFR-3B

Yahoo group: pfr3_group
Date: 2017-09-28 23:12:48 UTC
From: Dale Putnam
Topic: 4801 Message: 4804

You're welcome

Make this a great day
Dale

On Sep 28, 2017, at 5:09 PM, JB R transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Thanks Dale, I'm glad I checked first... sounds familiar.
Regards,
Brent

Sent from my iPhone

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Make this a great day
Dale

On Sep 28, 2017, at 4:59 PM, transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Is anyone aware of a small gap requirement between the board and the bottom of the crystal case?

I'm building my PFR-3B now and on other rigs, they've called for like a 1/16" gap between the board and the case. I don't see any specs in the manual but thought I would ask.

Thanks for any help,

Brent

4805. RE: [pfr3_group] X1-5 crystal case installation PFR-3B

Yahoo group: pfr3_group
Date: 2017-09-29 01:32:01 UTC
From: Steven Weber
Topic: 4801 Message: 4805

Actually, there is no need to space the xtal, the pads are smaller then the insulator around the lead. They will not short out if pushed flush to the board and that is how I build them.
Steve KD1JV

Thanks Dale, I'm glad I checked first... sounds familiar.
Regards,
Brent

Sent from my iPhone

4806. Re: X1-5 crystal case installation PFR-3B

Yahoo group: pfr3_group
Date: 2017-09-29 02:04:16 UTC
From: transistors56@...
Topic: 4801 Message: 4806

I've already installed the xtals with a 1/16" max clearance and the cases are grounded. So as long as this won't be detrimental to the efficiency, maybe I'll leave well enough alone given the pain it would be to adjust.
Thanks for the input Steve; so lucky to be able to receive advice from you.
Brent

4807. Re: X1-5 crystal case installation PFR-3B

Yahoo group: pfr3_group
Date: 2017-09-29 16:14:52 UTC
From: wb8yyy@...
Topic: 4801 Message: 4807

Likely you are okay. Your use of the rig will affirm. Yes 1/16th is pretty small.

4808. Re: X1-5 crystal case installation PFR-3B

Yahoo group: pfr3_group
Date: 2017-09-29 16:21:12 UTC
From: transistors56@...
Topic: 4801 Message: 4808

Thanks, Brent

4809. seven 101J (100pfd) disc capacitors - C21, C22, C23, C25, C26, C28, C35

Yahoo group: pfr3_group
Date: 2017-10-02 00:14:39 UTC
From: transistors56@...
Topic: 4809 Message: 4809
Attachments: 1 described; binary payloads are missing from this source WARC

Looking for some advice....
I have the above ceramic disc capacitors soldered on to the board. Looking ahead, it would appear to me as though these capacitors are too tall to allow the top lid to fit properly... The top of these capacitors sits approximately 1/4" above the LED display.
Anyone else run across this same issue? Suggestions?
Thanks,
Brent

4810. Re: [pfr3_group] seven 101J (100pfd) disc capacitors - C21, C22, C23, C25, C26, C28, C35 [1 Attachment]

Yahoo group: pfr3_group
Date: 2017-10-02 02:38:01 UTC
From: Dale Putnam
Topic: 4809 Message: 4810

Those caps, need to have straight legs to be inserted low enough to clear. I can't tell but suspect that the caps all have the little bends in each leg, holding them off the board. They need to be removed, legs straightened, and reinserted, to allow them to sit low enough.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Sunday, October 1, 2017 6:14 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] seven 101J (100pfd) disc capacitors - C21, C22, C23, C25, C26, C28, C35 [1 Attachment]

[Attachment(s) from transistors56@... [pfr3_group] included below]

Looking for some advice....

I have the above ceramic disc capacitors soldered on to the board. Looking ahead, it would appear to me as though these capacitors are too tall to allow the top lid to fit properly... The top of these capacitors sits approximately 1/4" above the LED display.

Anyone else run across this same issue? Suggestions?

Thanks,

Brent

4811. Re: [pfr3_group] seven 101J (100pfd) disc capacitors - C21, C22, C23, C25, C26, C28, C35 [1 Attachment]

Yahoo group: pfr3_group
Date: 2017-10-02 02:43:10 UTC
From: transistors56@...
Topic: 4809 Message: 4811

Thanks Dale. Yes, they do have little bends in each leg. I'll get out my trusty Hakko desoldering pump and remove them. Gonna have to be a little careful I suppose straightening them.....
Appreciate your help,
Brent

4812. Re: [pfr3_group] seven 101J (100pfd) disc capacitors - C21, C22, C23, C25, C26, C28, C35

Yahoo group: pfr3_group
Date: 2017-10-02 03:06:56 UTC
From: Dale Putnam
Topic: 4809 Message: 4812

One of the concerns when straightening the legs is to NOT let them twist or roll.. I've found that by holding the soldered end, (in your case).. and using needle nose pliers to straighten the legs.. all without holding the cap itself.. will usually let the let be straightened without twisting.

Good Luck.. and remember to be gentle with the amount of heat applied to the board. Lifted pads are a source of trouble later.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Sunday, October 1, 2017 8:43 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] seven 101J (100pfd) disc capacitors - C21, C22, C23, C25, C26, C28, C35

Thanks Dale. Yes, they do have little bends in each leg. I'll get out my trusty Hakko desoldering pump and remove them. Gonna have to be a little careful I suppose straightening them.....

Appreciate your help,

Brent

4813. Re: [pfr3_group] seven 101J (100pfd) disc capacitors - C21, C22, C23, C25, C26, C28, C35

Yahoo group: pfr3_group
Date: 2017-10-02 04:43:48 UTC
From: JB R
Topic: 4809 Message: 4813

So far so good I think Dale. I'm going across the board and re-installing any that are going to cause a problem. I'll take your advice about not twisting and to be careful about lifting any pads.

C12, C14 and C43 are film (.01ufd) caps that can still be lowered a little but not enough to stand upright when the lid is on. Are they okay to be gently bent on an angle to allow closure of the lid?

Brent

VA3YG

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: October 1, 2017 11:06 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] seven 101J (100pfd) disc capacitors - C21, C22, C23, C25, C26, C28, C35

One of the concerns when straightening the legs is to NOT let them twist or roll.. I've found that by holding the soldered end, (in your case).. and using needle nose pliers to straighten the legs.. all without holding the cap itself.. will usually let the let be straightened without twisting.

Good Luck.. and remember to be gentle with the amount of heat applied to the board. Lifted pads are a source of trouble later.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Sunday, October 1, 2017 8:43 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] seven 101J (100pfd) disc capacitors - C21, C22, C23, C25, C26, C28, C35

Thanks Dale. Yes, they do have little bends in each leg. I'll get out my trusty Hakko desoldering pump and remove them. Gonna have to be a little careful I suppose straightening them.....

Appreciate your help,

Brent

4814. Re: [pfr3_group] seven 101J (100pfd) disc capacitors - C21, C22, C23, C25, C26, C28, C35

Yahoo group: pfr3_group
Date: 2017-10-02 17:49:08 UTC
From: Pacific Antenna
Topic: 4809 Message: 4814

Hi Brent,

If we put the wrong capacitors in the kit, we will send you replacements.

Can you email me a photo to the qrpkits.com email address?

Thanks
James
KA5DVS
Pacific Antenna and qrpkits.com

On Sun, Oct 1, 2017 at 9:43 PM, JB R transistors56@... [pfr3_group]
<pfr3_group@yahoogroups.com> wrote:

>
>
> So far so good I think Dale. I'm going across the board and re-installing
> any that are going to cause a problem. I'll take your advice about not
> twisting and to be careful about lifting any pads.
>
>
> C12, C14 and C43 are film (.01ufd) caps that can still be lowered a little
> but not enough to stand upright when the lid is on. Are they okay to be
> gently bent on an angle to allow closure of the lid?
>
>
> Brent
>
> VA3YG
>
>
> ------------------------------
> *From:* pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf
> of Dale Putnam daleputnam@hotmail.com [pfr3_group] <
> pfr3_group@yahoogroups.com>
> *Sent:* October 1, 2017 11:06 PM
> *To:* pfr3_group@yahoogroups.com
> *Subject:* Re: [pfr3_group] seven 101J (100pfd) disc capacitors - C21,
> C22, C23, C25, C26, C28, C35
>
>
>
> One of the concerns when straightening the legs is to NOT let them twist
> or roll.. I've found that by holding the soldered end, (in your case).. and
> using needle nose pliers to straighten the legs.. all without holding the

> cap itself.. will usually let the let be straightened without twisting.
>
> Good Luck.. and remember to be gentle with the amount of heat applied to
> the board. Lifted pads are a source of trouble later.
>
>
> Have a great day,
> --... ...-- Dale - WC7S in Wy
>
> "Actions speak louder than words"
> 1856 - Abraham Lincoln
>
>
> ------------------------------
> *From:* pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf
> of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
> *Sent:* Sunday, October 1, 2017 8:43 PM
> *To:* pfr3_group@yahoogroups.com
> *Subject:* Re: [pfr3_group] seven 101J (100pfd) disc capacitors - C21,
> C22, C23, C25, C26, C28, C35
>
>
>
> Thanks Dale. Yes, they do have little bends in each leg. I'll get out my
> trusty Hakko desoldering pump and remove them. Gonna have to be a little
> careful I suppose straightening them.....
>
> Appreciate your help,
>
> Brent
>
>
>

4815. Re: [pfr3_group] seven 101J (100pfd) disc capacitors - C21, C22, C23, C25, C26, C28, C35

Yahoo group: pfr3_group
Date: 2017-10-02 18:08:24 UTC
From: transistors56@...
Topic: 4809 Message: 4815

Hi James,

I have no doubt that you will do that James, thanks very much.

I've been on the board here and getting advice as I thought perhaps I might have installed these caps incorrectly, thus making them sit too high on the board.... that could very well be too.
I've seen pics of other builds and it looked like the caps in those builds were much smaller (not so tall).

I sent you a pic a few minutes ago with a description of the problem....thanks

73
John

4816. Q4 TO-220 Mosfet

Yahoo group: pfr3_group
Date: 2017-10-05 18:04:16 UTC
From: transistors56@...
Topic: 4816 Message: 4816

Any particular instructions for installing this? Never installed one of these horizontal....
I'm assuming the shiny side down and black side with printing up?

Thanks,
Brent

4817. Re: [pfr3_group] Q4 TO-220 Mosfet

Yahoo group: pfr3_group
Date: 2017-10-05 20:06:18 UTC
From: Pacific Antenna
Topic: 4816 Message: 4817

Yes, the tab (shiny side) is the heat sink and is usually installed against the surface it is attached to.

James
KA5DVS

On Thu, Oct 5, 2017 at 11:04 AM, transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Any particular instructions for installing this? Never installed one of
> these horizontal....
>
> I'm assuming the shiny side down and black side with printing up?
>
>
> Thanks,
>
> Brent
>
>
>

4818. Re: [pfr3_group] Q4 TO-220 Mosfet

Yahoo group: pfr3_group
Date: 2017-10-05 20:14:07 UTC
From: Dale Putnam
Topic: 4816 Message: 4818

Metal down print up

Make this a great day
Dale

On Oct 5, 2017, at 2:06 PM, Pacific Antenna qrpkits.com@gmail.com<mailto:qrpkits.com@gmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Yes, the tab (shiny side) is the heat sink and is usually installed against the surface it is attached to.

James
KA5DVS

On Thu, Oct 5, 2017 at 11:04 AM, transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Any particular instructions for installing this? Never installed one of these horizontal....

I'm assuming the shiny side down and black side with printing up?

Thanks,

Brent

4819. Re: [pfr3_group] Q4 TO-220 Mosfet

Yahoo group: pfr3_group
Date: 2017-10-05 20:45:22 UTC
From: transistors56@...
Topic: 4816 Message: 4819
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks James, that seemed like the right way to do it but better to check first... I'm carrying on with the rest of the build and when the replacement parts arrive, I'll try and switch them out.
73,
Brent

4820. Re: [pfr3_group] Q4 TO-220 Mosfet

Yahoo group: pfr3_group
Date: 2017-10-05 20:46:15 UTC
From: transistors56@...
Topic: 4816 Message: 4820

Right on! Thanks Dale. Brent

4821. Calibrate

Yahoo group: pfr3_group
Date: 2017-10-06 16:56:30 UTC
From: Luis LU4HK
Topic: 4816 Message: 4821

Can someone help me to calibrate my pfr3 to match the frequency of transmission and reception? Thank you

Outlook para iOS<https://aka.ms/o0ukef>

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, October 5, 2017 5:46:15 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Q4 TO-220 Mosfet

Right on! Thanks Dale.

Brent

4822. Re: [pfr3_group] Calibrate

Yahoo group: pfr3_group
Date: 2017-10-06 17:06:08 UTC
From: Dale Putnam
Topic: 4816 Message: 4822

Please follow the manual under "Entering Calibration Modes"..

and understand that the rx filter is set to one side of the tx.. so you may hear the tone. Attention to the peak found will ascertain the correct alignment, to allow transceive operation.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Luis LU4HK lu4hk@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Friday, October 6, 2017 10:56 AM
To: pfr3_group@yahoogroups.com; pfr3_group@yahoogroups.com
Subject: [pfr3_group] Calibrate

Can someone help me to calibrate my pfr3 to match the frequency of transmission and reception? Thank you

Outlook para iOS<https://aka.ms/o0ukef>

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, October 5, 2017 5:46:15 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Q4 TO-220 Mosfet

Right on! Thanks Dale.

Brent

4823. PTC resetable fuse

Yahoo group: pfr3_group
Date: 2017-10-06 20:14:34 UTC
From: transistors56@...
Topic: 4823 Message: 4823

I'm looking to identify a part I have left over and wasn't able to identify during my inventory.
The part has two leads, is yellow and is labelled XXU90
GCTB
Is that the PTC resetable fuse?

73,
Brent

4824. Re: [pfr3_group] PTC resetable fuse

Yahoo group: pfr3_group
Date: 2017-10-06 20:41:26 UTC
From: Dale Putnam
Topic: 4823 Message: 4824

Yes sure nuff

Make this a great day
Dale

On Oct 6, 2017, at 2:14 PM, transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

I'm looking to identify a part I have left over and wasn't able to identify during my inventory.

The part has two leads, is yellow and is labelled XXU90

GCTB

Is that the PTC resetable fuse?

73,

Brent

4825. Re: [pfr3_group] PTC resetable fuse

Yahoo group: pfr3_group
Date: 2017-10-06 20:58:29 UTC
From: JB R
Topic: 4823 Message: 4825

You just made this a great day Dale!
That works out perfect....
73,
Brent

Sent from my iPhone

On Oct 6, 2017, at 4:41 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Yes sure nuff

Make this a great day
Dale

On Oct 6, 2017, at 2:14 PM, transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

I'm looking to identify a part I have left over and wasn't able to identify during my inventory.

The part has two leads, is yellow and is labelled XXU90

GCTB

Is that the PTC resetable fuse?

73,

Brent

4826. Re: [pfr3_group] PTC resetable fuse

Yahoo group: pfr3_group
Date: 2017-10-06 21:08:21 UTC
From: Dale Putnam
Topic: 4823 Message: 4826

You 're welcome that is a great radio have a blast with it

Make this a great day
Dale

On Oct 6, 2017, at 2:58 PM, JB R transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

You just made this a great day Dale!
That works out perfect....
73,
Brent

Sent from my iPhone

On Oct 6, 2017, at 4:41 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Yes sure nuff

Make this a great day
Dale

On Oct 6, 2017, at 2:14 PM, transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

I'm looking to identify a part I have left over and wasn't able to identify during my inventory.

The part has two leads, is yellow and is labelled XXU90

GCTB

Is that the PTC resetable fuse?

73,

Brent

4827. Re: [pfr3_group] PTC resetable fuse

Yahoo group: pfr3_group
Date: 2017-10-06 21:10:49 UTC
From: JB R
Topic: 4823 Message: 4827

I'm really looking forward to playing with it....
Brent

Sent from my iPhone

On Oct 6, 2017, at 5:08 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

You 're welcome that is a great radio have a blast with it

Make this a great day
Dale

On Oct 6, 2017, at 2:58 PM, JB R transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

You just made this a great day Dale!
That works out perfect....
73,
Brent

Sent from my iPhone

On Oct 6, 2017, at 4:41 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Yes sure nuff

Make this a great day
Dale

On Oct 6, 2017, at 2:14 PM, transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

I'm looking to identify a part I have left over and wasn't able to identify during my inventory.

The part has two leads, is yellow and is labelled XXU90

GCTB

Is that the PTC resetable fuse?

73,

Brent

4828. T1 mounting on the board

Yahoo group: pfr3_group
Date: 2017-10-07 20:47:23 UTC
From: transistors56@...
Topic: 4828 Message: 4828

I'm just about to mount T1 to the board. Before that, two 4.5" wires need to be soldered into the holes marked "BP" in the centre of the T1; these two wires get connected to the binding posts. It doesn't specify, but should I assume these two 4.5" wires are the #24 hookup wire?

Thanks for your help es 73
Brent

4829. Re: [pfr3_group] T1 mounting on the board

Yahoo group: pfr3_group
Date: 2017-10-07 21:06:02 UTC
From: Dale Putnam
Topic: 4828 Message: 4829

Yes.. it is.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 7, 2017 2:47 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] T1 mounting on the board

I'm just about to mount T1 to the board. Before that, two 4.5" wires need to be soldered into the holes marked "BP" in the centre of the T1; these two wires get connected to the binding posts. It doesn't specify, but should I assume these two 4.5" wires are the #24 hookup wire?

Thanks for your help es 73

Brent

4830. Re: [pfr3_group] T1 mounting on the board

Yahoo group: pfr3_group
Date: 2017-10-07 21:08:44 UTC
From: transistors56@...
Topic: 4828 Message: 4830

Thanks Dale. I was almost embarrassed to ask but..........
73,
Brent

4832. DDS module installation / 8 pin header strip

Yahoo group: pfr3_group
Date: 2017-10-07 21:51:39 UTC
From: transistors56@...
Topic: 4832 Message: 4832

Does the DDS module and header strip get installed so that the bottom of the module is almost 1/8" off the board? Solder the strip in place first, trim leads and then solder on the module....?

Thanks,
Brent

4833. Re: [pfr3_group] DDS module installation / 8 pin header strip

Yahoo group: pfr3_group
Date: 2017-10-07 22:23:04 UTC
From: Dale Putnam
Topic: 4832 Message: 4833

Yes, I have, in some cases put a little rubber foot under it.. to take a bit of stress off of it. But that is overkill, in most cases.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 7, 2017 3:51 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] DDS module installation / 8 pin header strip

Does the DDS module and header strip get installed so that the bottom of the module is almost 1/8" off the board? Solder the strip in place first, trim leads and then solder on the module....?

Thanks,

Brent

4834. Re: [pfr3_group] DDS module installation / 8 pin header strip

Yahoo group: pfr3_group
Date: 2017-10-07 22:29:05 UTC
From: JB R
Topic: 4832 Message: 4834

Good idea...thanks for the advice

Brent

Sent from my iPhone

On Oct 7, 2017, at 6:23 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Yes, I have, in some cases put a little rubber foot under it.. to take a bit of stress off of it. But that is overkill, in most cases.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com> <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> on behalf of transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>>
Sent: Saturday, October 7, 2017 3:51 PM
To: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>
Subject: [pfr3_group] DDS module installation / 8 pin header strip

Does the DDS module and header strip get installed so that the bottom of the module is almost 1/8" off the board? Solder the strip in place first, trim leads and then solder on the module....?

Thanks,

Brent

4835. Re: [pfr3_group] T1 mounting on the board

Yahoo group: pfr3_group
Date: 2017-10-07 22:32:19 UTC
From: Dale Putnam
Topic: 4828 Message: 4835

no problem.. I've found it is best to ask, than fix it later....

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 7, 2017 3:08 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] T1 mounting on the board

Thanks Dale. I was almost embarrassed to ask but.....

73,

Brent

4836. 3 polyvaricon standoffs and screws

Yahoo group: pfr3_group
Date: 2017-10-08 01:10:40 UTC
From: transistors56@...
Topic: 4836 Message: 4836

It doesn't look to me as though the plastic standoffs I have could possibly tighten down snug enough to be able to turn the shaft of each of these capacitors.....

The standoffs don't "key" into the shape of the shaft....

Am I missing something here? :)

73,
Brent

btw: my rig passed the initial smoke test after plugging in MEGA48 processor and powering up! happy dance...

4837. Re: [pfr3_group] 3 polyvaricon standoffs and screws

Yahoo group: pfr3_group
Date: 2017-10-08 01:25:38 UTC
From: Dale Putnam
Topic: 4836 Message: 4837

They tighten with the long screws well enough.. no they don't key.. the polys aren't all that strong.. soft and gentle work fine.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 7, 2017 7:10 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] 3 polyvaricon standoffs and screws

It doesn't look to me as though the plastic standoffs I have could possibly tighten down snug enough to be able to turn the shaft of each of these capacitors.....

The standoffs don't "key" into the shape of the shaft....

Am I missing something here? :)

73,

Brent

btw: my rig passed the initial smoke test after plugging in MEGA48 processor and powering up! happy dance...

4838. Re: [pfr3_group] 3 polyvaricon standoffs and screws

Yahoo group: pfr3_group
Date: 2017-10-08 01:30:28 UTC
From: bobzolecki@...
Topic: 4836 Message: 4838

Brent They work pretty good and will turn the caps but over time may work loose...I put finger nail polish on my screws or anything like that seems to help. I seen one time on the web someone was selling aluminum spacers that were milled out for the cap shaft. Anyway for me this has not been a problem

73 de Bob z KR9Z 4S-Tuner Kitter

-----Original Message-----
From: transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Oct 7, 2017 9:10 pm
Subject: [pfr3_group] 3 polyvaricon standoffs and screws

It doesn't look to me as though the plastic standoffs I have could possibly tighten down snug enough to be able to turn the shaft of each of these capacitors.....

The standoffs don't "key" into the shape of the shaft....

Am I missing something here? :)

73,
Brent

btw: my rig passed the initial smoke test after plugging in MEGA48 processor and powering up! happy dance...

4839. Re: [pfr3_group] 3 polyvaricon standoffs and screws

Yahoo group: pfr3_group
Date: 2017-10-08 01:34:10 UTC
From: JB R
Topic: 4836 Message: 4839

Okay Bob, thanks for that advice and tip. I'll proceed with this in mind.

73 de Brent VA3YG

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of bobzolecki@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: October 7, 2017 9:30 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] 3 polyvaricon standoffs and screws

Brent They work pretty good and will turn the caps but over time may work loose...I put finger nail polish on my screws or anything like that seems to help. I seen one time on the web someone was selling aluminum spacers that were milled out for the cap shaft. Anyway for me this has not been a problem

73 de Bob z KR9Z 4S-Tuner Kitter

-----Original Message-----
From: transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sat, Oct 7, 2017 9:10 pm
Subject: [pfr3_group] 3 polyvaricon standoffs and screws

It doesn't look to me as though the plastic standoffs I have could possibly tighten down snug enough to be able to turn the shaft of each of these capacitors.....

The standoffs don't "key" into the shape of the shaft....

Am I missing something here? :)

73,
Brent

btw: my rig passed the initial smoke test after plugging in MEGA48 processor and powering up! happy dance...

4840. Re: [pfr3_group] 3 polyvaricon standoffs and screws

Yahoo group: pfr3_group
Date: 2017-10-08 01:35:02 UTC
From: JB R
Topic: 4836 Message: 4840

Okay, very good Dale. I can see how soft and gentle will be necessary hihi

73 Brent

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Dale Putnam daleputnam@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: October 7, 2017 9:25 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] 3 polyvaricon standoffs and screws

They tighten with the long screws well enough.. no they don't key.. the polys aren't all that strong.. soft and gentle work fine.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 7, 2017 7:10 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] 3 polyvaricon standoffs and screws

It doesn't look to me as though the plastic standoffs I have could possibly tighten down snug enough to be able to turn the shaft of each of these capacitors.....

The standoffs don't "key" into the shape of the shaft....

Am I missing something here? :)

73,

Brent

btw: my rig passed the initial smoke test after plugging in MEGA48 processor and powering up! happy dance...

4841. Re: [pfr3_group] 3 polyvaricon standoffs and screws

Yahoo group: pfr3_group
Date: 2017-10-08 12:52:12 UTC
From: Luis LU4HK
Topic: 4836 Message: 4841

you can make a cat connection from DDS
Luis
LU4HK

Descarga Outlook para iOS<https://aka.ms/o0ukef>

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 7, 2017 10:10:40 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] 3 polyvaricon standoffs and screws

It doesn't look to me as though the plastic standoffs I have could possibly tighten down snug enough to be able to turn the shaft of each of these capacitors.....

The standoffs don't "key" into the shape of the shaft....

Am I missing something here? :)

73,

Brent

btw: my rig passed the initial smoke test after plugging in MEGA48 processor and powering up! happy dance...

4842. Re: [pfr3_group] 3 polyvaricon standoffs and screws

Yahoo group: pfr3_group
Date: 2017-10-08 13:45:42 UTC
From: transistors56@...
Topic: 4836 Message: 4842

That's good information to know Luis.I'm not likely to operate that way given my intentions with this radio, but you never know. 73,
Brent

4843. Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-08 14:01:31 UTC
From: transistors56@...
Topic: 4843 Message: 4843

I didn't go to bed last night until after 2am.....this little beauty came to life around midnight and I couldn't quit playing!

Using a dummy load and a OHR WM-2 watt-meter and a power supply of 10.25 volts, my tx output is:
20m - 0.5w
30m - 0.75w
40m - 1.75

These initial outputs are kind of low, right? Where should I start to bring these outputs up some, or should I wait until I do some field tests with antennas and I've swapped out the replacement components Pacific Antenna has in the mail for me? I'm assuming the L6, L8 and L10 coils will need some tweaking?

With regards to the receive.....I must say, this little gem really shines. Using my Icom 7300 as a reference, the receive seems to me to be "spot on". Very quiet receive..... As I type this, I'm sitting here listening to F5IN calling CQ in a contest on 20m; using my Zero Five 43' ground mounted vertical with 25 radials.

73,
Brent VA3YG

4844. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-08 15:58:16 UTC
From: Dale Putnam
Topic: 4843 Message: 4844

Hi Brent
Way to go!! Good job! Now to tweak the filters as you suspect. Rather than rewind each one. Just unwind one turn tack the long lead back on temp to see if that improves power out. If not then rewear the wire back on. You didn’t say what the input voltage was. With 9 v the 40 m is sorta close.
You are getting mighty close to done. Isn’t it a blast to use?

Make this a great day
Dale

On Oct 8, 2017, at 8:01 AM, transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

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73,

Brent VA3YG

4845. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-08 16:57:49 UTC
From: JB R
Topic: 4843 Message: 4845

Dale, I love it so far! The receive is fantastic.....

Those output levels are with 10.8 volts.

I'll do the work you prescribed and let you know....

73
Brent

Sent from my iPhone

On Oct 8, 2017, at 11:58 AM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

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You are getting mighty close to done. Isn’t it a blast to use?

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Five 43' ground mounted vertical with 25 radials.

73,

Brent VA3YG

4846. Load capacitor doesn't seem to function

Yahoo group: pfr3_group
Date: 2017-10-08 22:05:44 UTC
From: Todd Christell
Topic: 4846 Message: 4846

Greetings:

Well I've been a lurker since I got my license two years ago. I purchased and built the pfr3 as my first radio to act as an inspiration to learn Morse. I built the radio which had a couple of problems and never pursued the Morse.

So I'm finally working on learning code and I've resurrected the radio. Found a couple of issues and, except for somewhat low output power (12 volts going into their QRP 50 ohm load is giving me about 9 volts) seem to have an issue with the load capacitor.

I can tune into 40 and 30 meters without a problem. 20 meters dims the LED at the far range of travel, but the weird thing is that all my tuning is with the "Tune" capacitor. The "Load" capacitor has absolutely no effect. Checked my solder joints and they seem good.

Ideas?

Thanks in advance and 73

Todd AD0RR

4847. Re: [pfr3_group] Load capacitor doesn't seem to function

Yahoo group: pfr3_group
Date: 2017-10-08 22:23:40 UTC
From: Dale Putnam
Topic: 4846 Message: 4847

Not knowing what antenna you are using I wonder if the impedance switch may help. Another thought is the adjustment on the caps may need addressed by turning the trimmers. If you want to send it I would be happy to optimize it and run a spec sheet on it.
Make this a great day
Dale

On Oct 8, 2017, at 4:13 PM, Todd Christell tlcruns@gmail.com<mailto:tlcruns@gmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Greetings:

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Ideas?

Thanks in advance and 73

Todd AD0RR

4848. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-08 23:26:19 UTC
From: bobzolecki@...
Topic: 4843 Message: 4848

Hi Brent

I believe you were the one that was worried about the nylon spacers for the capacitor shaft , well I found an aluminum spacer that is milled to fit the cap shaft better, well maybe better as I didn't try these spacers.

https://www.mikeselectronicparts.com/product/variable-capacitor-335pf-20pf/ Keep going down the page till you get to the spacers and knob.

73 de Bob z KR9Z....4S-Tuner Kitter.

-----Original Message-----
From: JB R transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
To: pfr3_group <pfr3_group@yahoogroups.com>
Sent: Sun, Oct 8, 2017 12:57 pm
Subject: Re: [pfr3_group] Tx output and Rx impressions

Dale, I love it so far! The receive is fantastic.....

Those output levels are with 10.8 volts.

I'll do the work you prescribed and let you know....

73
Brent

Sent from my iPhone

On Oct 8, 2017, at 11:58 AM, Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

Hi Brent
Way to go!! Good job! Now to tweak the filters as you suspect. Rather than rewind each one. Just unwind one turn tack the long lead back on temp to see if that improves power out. If not then rewear the wire back on. You didn’t say what the input voltage was. With 9 v the 40 m is sorta close.
You are getting mighty close to done. Isn’t it a blast to use?

Make this a great day
Dale

On Oct 8, 2017, at 8:01 AM, transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

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With regards to the receive.....I must say, this little gem really shines. Using my Icom 7300 as a reference, the receive seems to me to be "spot on". Very quiet receive..... As I type this, I'm sitting here listening to F5IN calling CQ in a contest on 20m; using my Zero Five 43' ground mounted vertical with 25 radials.

73,
Brent VA3YG

4849. Re: [pfr3_group] Load capacitor doesn't seem to function

Yahoo group: pfr3_group
Date: 2017-10-08 23:29:22 UTC
From: JB R
Topic: 4846 Message: 4849

Nice to hear from you Todd. There are some really knowledgeable amateurs on here that should be able to give you some ideas. I know they were a real asset to me during my build. Good luck....

Keep up with the cw. I only started to learn it 4.5 yrs ago and have never looked back.

73
Brent VA3YG

Sent from my iPhone

On Oct 8, 2017, at 6:05 PM, Todd Christell tlcruns@gmail.com<mailto:tlcruns@gmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

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Ideas?

Thanks in advance and 73

Todd AD0RR

4850. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-08 23:32:25 UTC
From: JB R
Topic: 4843 Message: 4850

Hey, thanks Bob!
As it turned out, they do seem to work as most noted they would. However, I will take a look at your link.
73,
Brent VA3YG

Sent from my iPhone

On Oct 8, 2017, at 7:26 PM, bobzolecki@aol.com<mailto:bobzolecki@aol.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Hi Brent

I believe you were the one that was worried about the nylon spacers for the capacitor shaft , well I found an aluminum spacer that is milled to fit the cap shaft better, well maybe better as I didn't try these spacers.

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73 de Bob z KR9Z....4S-Tuner Kitter.

-----Original Message-----
From: JB R transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>>
To: pfr3_group <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>>
Sent: Sun, Oct 8, 2017 12:57 pm
Subject: Re: [pfr3_group] Tx output and Rx impressions

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Make this a great day
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73,
Brent VA3YG

4851. Re: [pfr3_group] Load capacitor doesn't seem to function

Yahoo group: pfr3_group
Date: 2017-10-08 23:33:07 UTC
From: Dale Putnam
Topic: 4846 Message: 4851

If the aluminum is solid rod then the tuning will be affected by finger capacitances. That would be the plastic is used with lock washers.

Make this a great day
Dale

On Oct 8, 2017, at 5:29 PM, JB R transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

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I can tune into 40 and 30 meters without a problem. 20 meters dims the LED at the far range of travel, but the weird thing is that all my tuning is with the "Tune" capacitor. The "Load" capacitor has absolutely no effect. Checked my solder joints and they seem good.

Ideas?

Thanks in advance and 73

Todd AD0RR

4852. Re: [pfr3_group] Load capacitor doesn't seem to function

Yahoo group: pfr3_group
Date: 2017-10-08 23:37:19 UTC
From: JB R
Topic: 4846 Message: 4852

Good point Dale.
Brent

Sent from my iPhone

On Oct 8, 2017, at 7:33 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

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Ideas?

Thanks in advance and 73

Todd AD0RR

4853. Re: [pfr3_group] Load capacitor doesn't seem to function

Yahoo group: pfr3_group
Date: 2017-10-08 22:35:50 UTC
From: Todd Christell
Topic: 4846 Message: 4853

Thanks for the reply Dale:

I've got a 6 band Hustler vertical with 1200' of radials. I tuned it with my antenna analyzer and all bands are under 2:1. My Yaesu FTDX-1200 tunes into it without any problem. I saw the trimmer caps on the back of the main cap but was afraid to dink. It's just weird that the variable has absolutely zero effect.

How much for the tuneup and spec?

Todd AD0RR

On Sun, Oct 8, 2017 at 5:23 PM, Dale Putnam daleputnam@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
>
> Not knowing what antenna you are using I wonder if the impedance switch
> may help. Another thought is the adjustment on the caps may need
> addressed by turning the trimmers. If you want to send it I would be
> happy to optimize it and run a spec sheet on it.
> Make this a great day
> Dale
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>
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> have an issue with the load capacitor.
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> I can tune into 40 and 30 meters without a problem. 20 meters dims the LED
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> with the "Tune" capacitor. The "Load" capacitor has absolutely no effect.
> Checked my solder joints and they seem good.

>
> Ideas?
>
> Thanks in advance and 73
>
> Todd AD0RR
>
>
>

4854. Re: [pfr3_group] Load capacitor doesn't seem to function

Yahoo group: pfr3_group
Date: 2017-10-09 01:07:29 UTC
From: Dale Putnam
Topic: 4846 Message: 4854

Shipping In a small flat rate Usps that’s about ten bucks. It might also have one poor solder joint. On one winding of the torpid in the tuner

Make this a great day
Dale

On Oct 8, 2017, at 6:31 PM, Todd Christell tlcruns@gmail.com<mailto:tlcruns@gmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

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Dale

On Oct 8, 2017, at 4:13 PM, Todd Christell tlcruns@gmail.com<mailto:tlcruns@gmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Greetings:

Well I've been a lurker since I got my license two years ago. I purchased and built the pfr3 as my first radio to act as an inspiration to learn Morse. I built the radio which had a couple of problems and never pursued the Morse.

So I'm finally working on learning code and I've resurrected the radio. Found a couple of issues and, except for somewhat low output power (12 volts going into their QRP 50 ohm load is giving me about 9 volts) seem to have an issue with the load capacitor.

I can tune into 40 and 30 meters without a problem. 20 meters dims the LED at the far range of travel, but the weird thing is that all my tuning is with the "Tune" capacitor. The "Load" capacitor has absolutely no effect. Checked my solder joints and they seem good.

Ideas?

Thanks in advance and 73

Todd AD0RR

4855. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-12 22:07:02 UTC
From: transistors56@...
Topic: 4843 Message: 4855

When I first finished building the rig and testing output, here's what I found at 10.25 volts:
20m- 0.5 watts
30m- 0.75 watts
40m- 1.75 watts

I got some good advice on here and some of that included removing one turn and re-testing. When I started to do this, I noticed some pretty shabby soldering of the leads.

I de-soldered L6, L8 and L10 to fix what appeared to be crappy soldering done by me during the build. When I started with L10 and de-soldered the first lead, the coil fell off the board. I hadn't even heated the other lead yet..... So, obviously they all needed to be re-soldered, and that's what I did. Removed the three coils, clean up the leads, tinned them properly and re-installed.

I left all the leads the same length as before.

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Anybody got any thoughts? Perhaps I should now remove a turn from each of L6, L8 and L10 Dale?

Thanks,
Brent

4856. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-12 22:32:51 UTC
From: Dale Putnam
Topic: 4843 Message: 4856

Yep, you have corrected, apparently, what seems to be the Muphy in each build that has a problem. The

second issue is that the toroid cores seem to change a bit.. or the snugness of the windings are different.. what ever

causes it, the inductance measures a bit different from coil to coil.. so.. to optimize the tx..

start by just removing one turn, don't cut it off, just tack it back down.. with the extra lead intact... and check the power out..

adjust the windings on the two cores.. see if the power comes up some.. if it does.. take another turn off.. do it all over again..

yes.. the lead is VERY LONG by now.. so it will reach to the right spot. When the power drops.. put a single turn back on.. and cut the lead, tin the remaining.. and reinstall the lead. Then go to the other one. Same thing.. finish that band.. do the two remaining bands..

REMEMBER.. this is on COAX.. no tuner.. and a KNOWN GOOD 50 ohm load.

no problem, ..

I have not found a PFR3 yet.. that doesn't make 5 watts out on all bands, yes.. sometimes it takes a bit of coaxing.. but it will do it.

and like it too... ☐

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, October 12, 2017 4:07 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Tx output and Rx impressions

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Thanks,
Brent

4857. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-12 22:44:57 UTC
From: JB R
Topic: 4843 Message: 4857

That's great Dale, thanks for the thorough instructions.

When you say "adjust the windings on the two cores", what two cores are you referring to?

Brent

Sent from my iPhone

On Oct 12, 2017, at 6:32 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

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--... ...-- Dale - WC7S in Wy

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Anybody got any thoughts? Perhaps I should now remove a turn from each of L6, L8 and L10 Dale?

Thanks,
Brent

4858. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-12 22:49:41 UTC
From: Dale Putnam
Topic: 4843 Message: 4858

the two cores for that band that you are working on. .. L6/L7 for 40, L8/L9 for 30, L10/L11 for 20

Have a great day,
--... ...-- Dale - WC7S in Wy

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From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of JB R transistors56@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
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Thanks,
Brent

4859. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-12 23:00:49 UTC
From: JB R
Topic: 4843 Message: 4859

Very good....thanks

Sent from my iPhone

On Oct 12, 2017, at 6:49 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

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Anybody got any thoughts? Perhaps I should now remove a turn from each of L6, L8 and L10 Dale?

Thanks,
Brent

4860. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-12 23:14:28 UTC
From: JB R
Topic: 4843 Message: 4860

Prior to putting it on the bench until I work on it again tomorrow, I fooled with the spacing of the 30 and 20m coils. The 40m coils already are spaced optimally by the looks of it.

At 12 volts, here's what I was able to tweak out...:

20m- 1.7 watts

30m- 3.8 watts

Look at the jump on 30 meters! Almost doubled.....just by adjusting spacing

73,

Brent

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Dale Putnam daleputnam@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: October 12, 2017 6:49 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Tx output and Rx impressions

the two cores for that band that you are working on. .. L6/L7 for 40, L8/L9 for 30, L10/L11 for 20

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Sent: Thursday, October 12, 2017 4:44 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Tx output and Rx impressions

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Thanks,
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4861. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-12 23:24:33 UTC
From: Dale Putnam
Topic: 4843 Message: 4861

Yes.. the turns should be evenly spaced all the way around.. FIRST.. then adjust if it doesn't get to full power.

Have a great day,
--... ...-- Dale - WC7S in Wy

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From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of JB R transistors56@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, October 12, 2017 5:14 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Tx output and Rx impressions

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Sent: October 12, 2017 6:49 PM
To: pfr3_group@yahoogroups.com
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I got some good advice on here and some of that included removing one turn and re-testing. When I started to do this, I noticed some pretty shabby soldering of the leads.

I de-soldered L6, L8 and L10 to fix what appeared to be crappy soldering done by me during the build.
When I started with L10 and de-soldered the first lead, the coil fell off the board. I hadn't even heated the other lead yet..... So, obviously they all needed to be re-soldered, and that's what I did. Removed the three coils, clean up the leads, tinned them properly and re-installed.

I left all the leads the same length as before.

Here are the tx outputs today at 12 volts:
20m - 1.3 watts
30m- 1.95 watts
40m- 3.0 watts

Todays readings at 10.25 volts are:
20m- 1.0 watts
30m- 1.5 watts
40m- 2.5 watts

Anybody got any thoughts? Perhaps I should now remove a turn from each of L6, L8 and L10 Dale?

Thanks,
Brent

4862. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-12 23:30:55 UTC
From: transistors56@...
Topic: 4843 Message: 4862

Okay, it looks like time to unwind a turn or two tomorrow and check again..... Thanks Dale
es 73
Brent

4863. Re: [pfr3_group] Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-12 23:31:41 UTC
From: Dale Putnam
Topic: 4843 Message: 4863

good luck!

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, October 12, 2017 5:30 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Tx output and Rx impressions

Okay, it looks like time to unwind a turn or two tomorrow and check again.....

Thanks Dale es 73
Brent

4864. Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 00:32:35 UTC
From: transistors56@...
Topic: 4843 Message: 4864

Good evening....

An update on my PFR-3B build tx output.

I temporarily removed one turn from coil L10 only.

At 12 volts, the tx output is now:
20m- 3.0 watts
30m- 4.0 watts
40m-3.0 watts

Taking one turn off L10 has affected both 20 meters and 30 meters!

Happy dance.....

Brent

4865. Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 03:25:41 UTC
From: transistors56@...
Topic: 4843 Message: 4865

Update to the update..... Two turns off coil L10 and one turn off coil L11 now produces 5+ watts on 20m at 12 volts.

Tomorrow, I'll tackle 30 and 40 meters.

Thanks Dale

73,
Brent VA3YG

4866. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 06:39:33 UTC
From: Dale Putnam
Topic: 4843 Message: 4866

You bet. Check one thing for me please.
Make sure the correct cores are on the proper bands
And I knew you could do it

Make this a great day
Dale

On Oct 13, 2017, at 9:25 PM, transistors56@hotmail.com<mailto:transistors56@hotmail.com>
[pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Update to the update.......

Two turns off coil L10 and one turn off coil L11 now produces 5+ watts on 20m at 12 volts.

Tomorrow, I'll tackle 30 and 40 meters.

Thanks Dale

73,
Brent VA3YG

4867. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 12:01:49 UTC
From: JB R
Topic: 4843 Message: 4867

Core colours look good; L10 and L11 are yellow, the rest are red.
Brent

Sent from my iPhone

On Oct 14, 2017, at 2:39 AM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

You bet. Check one thing for me please.

Make sure the correct cores are on the proper bands
And I knew you could do it

Make this a great day
Dale

On Oct 13, 2017, at 9:25 PM, transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Update to the update.......

Two turns off coil L10 and one turn off coil L11 now produces 5+ watts on 20m at 12 volts.

Tomorrow, I'll tackle 30 and 40 meters.

Thanks Dale

73,
Brent VA3YG

4868. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 13:26:01 UTC
From: Dale Putnam
Topic: 4843 Message: 4868

oh ok.. sometimes.. they are swapped for 40m.. inadvertantly.

What is concerning to me is that there is so much interaction between the two bands.

we could take this off the reflector and go direct, unless folks want to see the end result?

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of JB R transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 14, 2017 6:01 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

Core colours look good; L10 and L11 are yellow, the rest are red.
Brent

Sent from my iPhone

On Oct 14, 2017, at 2:39 AM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@...> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

You bet. Check one thing for me please.

Make sure the correct cores are on the proper bands
And I knew you could do it

Make this a great day
Dale

On Oct 13, 2017, at 9:25 PM, transistors56@...<mailto:transistors56@...> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Update to the update.......

Two turns off coil L10 and one turn off coil L11 now produces 5+ watts on 20m at 12 volts.

Tomorrow, I'll tackle 30 and 40 meters.

Thanks Dale

73,
Brent VA3YG

4869. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 14:47:05 UTC
From: transistors56@...
Topic: 4843 Message: 4869

sent you a direct email Dale

Brent

4870. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 15:30:42 UTC
From: beargyrils@...
Topic: 4843 Message: 4870

Keep it hear Dale so we can follow the problem and how it was fixed. Bob AF2DX
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "Dale Putnam daleputnam@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
Sender: pfr3_group@yahoogroups.com
Date: Sat, 14 Oct 2017 13:26:01
To: pfr3_group@yahoogroups.com<pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

oh ok.. sometimes.. they are swapped for 40m.. inadvertantly.

What is concerning to me is that there is so much interaction between the two bands.

we could take this off the reflector and go direct, unless folks want to see the end result?

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of JB R transistors56@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 14, 2017 6:01 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

Core colours look good; L10 and L11 are yellow, the rest are red.
Brent

Sent from my iPhone

On Oct 14, 2017, at 2:39 AM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

You bet. Check one thing for me please.

Make sure the correct cores are on the proper bands
And I knew you could do it

Make this a great day
Dale

On Oct 13, 2017, at 9:25 PM, transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Update to the update.....

Two turns off coil L10 and one turn off coil L11 now produces 5+ watts on 20m at 12 volts.

Tomorrow, I'll tackle 30 and 40 meters.

Thanks Dale

73,
Brent VA3YG

4871. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 15:23:06 UTC
From: Dale Putnam
Topic: 4843 Message: 4871

yep.. just saw it. and answered it.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 14, 2017 8:47 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

sent you a direct email Dale

Brent

4872. Re: TX output PFR-3B

Yahoo group: pfr3_group
Date: 2017-10-14 15:44:03 UTC
From: Dale Putnam
Topic: 4872 Message: 4872

I've seen a request to keep this on the reflector.. and since we are near to wrapping it.. maybe we can.

To lower the power.. correctly.. or with an eye to final efficiency and protection, if you can monitor the tx current, while adjusting the spacing and watching the wattmeter. (yep.. multi handed, multi eyes).. you should be able to lower the power to 5watts and see a noticeable drop in currrent. Mis-adjusting the spacing can result in lower power and very little reduction in current.. and that is not going to end well for the "Mr. Finals Club".

Always keep the current below 1000 ma keyed. IF you measure total current supplied.. you have a tiny margin for the finals.

And, because the PFR-3 has a built in tuner, with load, and Tayloe swr bridge.. it won't see wildly swinging swr while TUNING...

however if the antenna goes to presenting wildly swinging swr, the finals do see it, and that.. leads to a very short life for them.

You've heard it.. antenna flapping in the wind.. and suddenly the tx doesn't... with the PFR-3.. when the antenna starts swinging.. switch in the "tune" position.. for very cheap insurance for the finals.. watch the swr led.. see if it changes a lot in brightness. IF it does.. leave tune on.. and finish up. IF NOT.. go back to "OP"

You're there, Brent.. have a great time with it.

Maybe one day we can do a P2P Q.... (PFR3 to PFR3 Qso)

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: JB R <transistors56@hotmail.com>
Sent: Saturday, October 14, 2017 9:26 AM
To: Dale Putnam
Subject: Re: TX output PFR-3B

Maybe I should squeeze the coils together a wee bit on 40m or do you think I should leave well enough alone?

From: Dale Putnam <daleputnam@hotmail.com>
Sent: October 14, 2017 11:22 AM
To: JB R
Subject: Re: TX output PFR-3B

OK!! Now you got it!!

I have done that.. trying to improve one band while adjusting the "other" band filter.. yepper.. got the shirt too... ☐

If you can, make a note of the voltage and current on each band.. but be careful about how long you have it key down..

and allow it to cool between tests. With it over 5.. care about length of keying and into what.. will have an effect on life of finals.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: JB R <transistors56@hotmail.com>
Sent: Saturday, October 14, 2017 8:24 AM
To: daleputnam@hotmail.com
Subject: TX output PFR-3B

In thinking back, I don't think there was any interaction between the bands. I haven't really noticed it since. In fact, I've looked for it.....and it doesn't appear to happen. I think I might have played with the 30 meter coil when working on the 20 meter coil and forgot about it.

After some more tweaking, here's what I've got:

11.96 volts into an OHR WM2 wattmeter with a nice 50 ohm dummy load

20m 5+ watts

30m 5 watts

40m 6.75 watts

How does that look Dale?

Brent

4873. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 15:49:04 UTC
From: transistors56@...
Topic: 4843 Message: 4873

Dale, Bob AF2DX, is interested in my findings, so here I am back on the reflector.

Here are the latest tx outputs:

12 volts and using a 50 ohm dummy load.

20m 5 (and a wee bit) watts
30m same as 20m
40m 6.75 watts

11 volts with a 50 ohm dummy load
20m 5.0 watts
30m 5.0 watts
40m 6.0 watts

10 volts and dummy load
20m 4.5 watts
30m 4.5 watts
40m 5.0 watts

73,
Brent VA3YG

4874. Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 15:56:13 UTC
From: transistors56@...
Topic: 4843 Message: 4874

Okay Dale, just read your response back to me after I sent results of some further testing...thanks

The grandkids are coming in an hour or so, so I had better get upstairs and get ready. Thanks for the help and I will pick up on it later today or maybe tonight....

I follow your comments about current. Another question.....would it be feasible to limit my power supply to 10/10.5 volts max? Would that offer some protection?

Also, do I understand the operation of this rig that the tuner is only available for the balanced line outputs, not the coax?

73,
Brent

4875. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 16:22:47 UTC
From: Dale Putnam
Topic: 4843 Message: 4875

Depending on the plans for use.. you may want to leave it this way... and use a 9v battery as a source.

The 9v battery allows a very respectable signal, and is light to carry.. and it is such a kick to use the

PFR-3 for a 12 hour contest, or over a weekend in the wild, .. and do it with a 9v battery.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 14, 2017 9:49 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

Dale, Bob AF2DX, is interested in my findings, so here I am back on the reflector.

Here are the latest tx outputs:

12 volts and using a 50 ohm dummy load.

20m 5 (and a wee bit) watts
30m same as 20m
40m 6.75 watts

11 volts with a 50 ohm dummy load
20m 5.0 watts
30m 5.0 watts
40m 6.0 watts

10 volts and dummy load
20m 4.5 watts
30m 4.5 watts
40m 5.0 watts

73,
Brent VA3YG

4876. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 16:33:27 UTC
From: JB R
Topic: 4843 Message: 4876

That's exactly what I was thinking Dale!

This won't be my main QRP rig; but to use something I built with a little 9 volt battery would be a hoot...

Thanks again for all your help, I appreciate it.

73,
Brent VA3YG

Sent from my iPhone

On Oct 14, 2017, at 12:22 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Depending on the plans for use.. you may want to leave it this way... and use a 9v battery as a source.

The 9v battery allows a very respectable signal, and is light to carry.. and it is such a kick to use the

PFR-3 for a 12 hour contest, or over a weekend in the wild, .. and do it with a 9v battery.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com> <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> on behalf of transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>>
Sent: Saturday, October 14, 2017 9:49 AM
To: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

Dale, Bob AF2DX, is interested in my findings, so here I am back on the reflector.

Here are the latest tx outputs:

12 volts and using a 50 ohm dummy load.

20m 5 (and a wee bit) watts
30m same as 20m
40m 6.75 watts

11 volts with a 50 ohm dummy load
20m 5.0 watts
30m 5.0 watts
40m 6.0 watts

10 volts and dummy load
20m 4.5 watts
30m 4.5 watts
40m 5.0 watts

73,
Brent VA3YG

4877. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 16:34:21 UTC
From: Dale Putnam
Topic: 4843 Message: 4877

Actually the tuner works in both, coax or BLT. The coax-balanced line switch selects the feedline.

The tune-op switch works for the tx/rx any time.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 14, 2017 9:56 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Re: Tx output and Rx impressions

Okay Dale, just read your response back to me after I sent results of some further testing...thanks

The grandkids are coming in an hour or so, so I had better get upstairs and get ready. Thanks for the help and I will pick up on it later today or maybe tonight....

I follow your comments about current. Another question.....would it be feasible to limit my power supply to 10/10.5 volts max? Would that offer some protection?

Also, do I understand the operation of this rig that the tuner is only available for the balanced line outputs, not the coax?

73,
Brent

4878. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 16:35:55 UTC
From: Dale Putnam
Topic: 4843 Message: 4878

You're very welcome.

It was a blast to team up for Sprint one year.. with a team of PFR-3s and Tribanders.. and place rather decent.. on a 9v battery.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of JB R transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 14, 2017 10:33 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

That's exactly what I was thinking Dale!

This won't be my main QRP rig; but to use something I built with a little 9 volt battery would be a hoot...

Thanks again for all your help, I appreciate it.

73,
Brent VA3YG

Sent from my iPhone

On Oct 14, 2017, at 12:22 PM, Dale Putnam daleputnam@...<mailto:daleputnam@...> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

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The 9v battery allows a very respectable signal, and is light to carry.. and it is such a kick to use the

PFR-3 for a 12 hour contest, or over a weekend in the wild, .. and do it with a 9v battery.

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--... ...-- Dale - WC7S in Wy

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From: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>

<pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> on behalf of transistors56@...<mailto:transistors56@...m> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>>
Sent: Saturday, October 14, 2017 9:49 AM
To: pfr3_group@...m<mailto:pfr3_group@yahoogroups.com>
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

Dale, Bob AF2DX, is interested in my findings, so here I am back on the reflector.

Here are the latest tx outputs:

12 volts and using a 50 ohm dummy load.

20m 5 (and a wee bit) watts
30m same as 20m
40m 6.75 watts

11 volts with a 50 ohm dummy load
20m 5.0 watts
30m 5.0 watts
40m 6.0 watts

10 volts and dummy load
20m 4.5 watts
30m 4.5 watts
40m 5.0 watts

73,
Brent VA3YG

4879. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 16:49:28 UTC
From: JB R
Topic: 4843 Message: 4879

That's neat....
Brent

Sent from my iPhone

On Oct 14, 2017, at 12:34 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

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From: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com> <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> on behalf of transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>>
Sent: Saturday, October 14, 2017 9:56 AM
To: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Re: Tx output and Rx impressions

Okay Dale, just read your response back to me after I sent results of some further testing...thanks

The grandkids are coming in an hour or so, so I had better get upstairs and get ready. Thanks for the help and I will pick up on it later today or maybe tonight....

I follow your comments about current. Another question.....would it be feasible to limit my power supply to 10/10.5 volts max? Would that offer some protection?

Also, do I understand the operation of this rig that the tuner is only available for the balanced line outputs, not the coax?

73,
Brent

4880. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 16:50:13 UTC
From: JB R
Topic: 4843 Message: 4880

Sounds like so much fun!
Brent

Sent from my iPhone

On Oct 14, 2017, at 12:35 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

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From: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com> <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> on behalf of JB R transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>>
Sent: Saturday, October 14, 2017 10:33 AM
To: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

That's exactly what I was thinking Dale!

This won't be my main QRP rig; but to use something I built with a little 9 volt battery would be a hoot...

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73,
Brent VA3YG

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PFR-3 for a 12 hour contest, or over a weekend in the wild, .. and do it with a 9v battery.

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--... ...-- Dale - WC7S in Wy

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1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>
<pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> on behalf of
transistors56@hotmail.com<mailto:transistors56@hotmail.com> [pfr3_group]
<pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>>
Sent: Saturday, October 14, 2017 9:49 AM
To: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

Dale, Bob AF2DX, is interested in my findings, so here I am back on the reflector.

Here are the latest tx outputs:

12 volts and using a 50 ohm dummy load.

20m 5 (and a wee bit) watts
30m same as 20m
40m 6.75 watts

11 volts with a 50 ohm dummy load
20m 5.0 watts
30m 5.0 watts
40m 6.0 watts

10 volts and dummy load
20m 4.5 watts
30m 4.5 watts
40m 5.0 watts

73,
Brent VA3YG

4881. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-14 18:07:14 UTC
From: beargyrils@...
Topic: 4843 Message: 4881

Hi Brent,yes Keep it here. Nice to read what your doing and see the chang being made after doing what dale tells you to do. Looks like you just have some minor touch up and your finished. Bob AF2DX
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "transistors56@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
Sender: pfr3_group@yahoogroups.com
Date: 14 Oct 2017 15:49:04
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

Dale, Bob AF2DX, is interested in my findings, so here I am back on the reflector.

Here are the latest tx outputs:

12 volts and using a 50 ohm dummy load.

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20m 5.0 watts
30m 5.0 watts
40m 6.0 watts

10 volts and dummy load
20m 4.5 watts
30m 4.5 watts
40m 5.0 watts

73,
Brent VA3YG

4882. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-15 02:51:17 UTC
From: Luis LU4HK
Topic: 4843 Message: 4882
Attachments: 2 described; binary payloads are missing from this source WARC

My PFR3 B 5.5 watts in 20, 30 and 40 meters at 12.5 volts .-
contact in 14,014 ZP6CW Buddiestick [Image]
[Image]

Descarga Outlook para iOS<https://aka.ms/o0ukef>

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of beargyrils@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 14, 2017 3:07:14 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

Hi Brent,yes Keep it here. Nice to read what your doing and see the chang being made after doing what dale tells you to do. Looks like you just have some minor touch up and your finished. Bob AF2DX

Sent from my Verizon Wireless BlackBerry

From: "transistors56@... [pfr3_group]" <pfr3_group@yahoogroups.com>
Sender: pfr3_group@yahoogroups.com
Date: 14 Oct 2017 15:49:04 +0000
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

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Here are the latest tx outputs:

12 volts and using a 50 ohm dummy load.

20m 5 (and a wee bit) watts
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11 volts with a 50 ohm dummy load
20m 5.0 watts
30m 5.0 watts
40m 6.0 watts

10 volts and dummy load
20m 4.5 watts
30m 4.5 watts
40m 5.0 watts

73,
Brent VA3YG

4883. My PFR-3B

Yahoo group: pfr3_group
Date: 2017-10-15 03:14:21 UTC
From: transistors56@...
Topic: 4883 Message: 4883
Attachments: 1 described; binary payloads are missing from this source WARC

Well, I've got it all buttoned up and am sitting here listening to N3RD on the PAQP call CQ. I returned his call and he replied back first call with a RST 529. Not bad with a set of run down AA batteries; the antenna is a 43' multi band Zero Five vertical with 25 radials.

Also got my first spot on the reverse beacon network; NC7J Utah Contest Club on 7.028.

Building this little beauty is the most fun I've had in amateur radio for a while. Can't wait to take it portable and use the BLT tuner with some EFW antennas, etc.

72 de Brent VA3YG

4884. Re: [pfr3_group] Re: Tx output and Rx impressions

Yahoo group: pfr3_group
Date: 2017-10-15 03:18:59 UTC
From: JB R
Topic: 4843 Message: 4884
Attachments: 2 described; binary payloads are missing from this source WARC

Very nice Luis; thanks for sharing those pics. I also use Buddisticks and have had great luck with them. These days I'm kind of in to end fed wires and simple antennas fed with ladder line. I'm looking forward to using my PFR-3B in the field.

How long have you used your rig?

72,

Brent VA3YG

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Luis LU4HK lu4hk@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: October 14, 2017 10:51 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

My PFR3 B 5.5 watts in 20, 30 and 40 meters at 12.5 volts .-
contact in 14,014 ZP6CW Buddiestick [Image]
[Image]

Descarga Outlook para iOS<https://aka.ms/o0ukef>

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of beargyrils@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 14, 2017 3:07:14 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

Hi Brent,yes Keep it here. Nice to read what your doing and see the chang being made after doing what dale tells you to do. Looks like you just have some minor touch up and your finished. Bob AF2DX

Sent from my Verizon Wireless BlackBerry

From: "transistors56@... [pfr3_group]" <pfr3_group@yahoogroups.com>
Sender: pfr3_group@yahoogroups.com
Date: 14 Oct 2017 15:49:04 +0000
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Re: Tx output and Rx impressions

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20m 5.0 watts
30m 5.0 watts
40m 6.0 watts

10 volts and dummy load
20m 4.5 watts
30m 4.5 watts
40m 5.0 watts

73,
Brent VA3YG

4885. Rx noise

Yahoo group: pfr3_group
Date: 2017-10-15 03:22:17 UTC
From: Luis LU4HK
Topic: 4843 Message: 4885

I have a strange noise in reception, which seems not to be of electromagnetic origin or a spark. I'll test if it does without the antenna connected.
Luis LU4HK

Descarga Outlook para iOS<https://aka.ms/o0ukef>

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, October 12, 2017 8:31:41 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Tx output and Rx impressions

good luck!

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, October 12, 2017 5:30 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Tx output and Rx impressions

Okay, it looks like time to unwind a turn or two tomorrow and check again.....

Thanks Dale es 73
Brent

4886. Re: [pfr3_group] Rx noise

Yahoo group: pfr3_group
Date: 2017-10-15 03:26:44 UTC
From: Luis LU4HK
Topic: 4843 Message: 4886

I discovered the origin of the strange noises, the proximity of the cellular is one of the sources. It is very rare that this happens, there is something with no isolation to rf?
Luis LU4HK

Descarga Outlook para iOS<https://aka.ms/o0ukef>

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Luis LU4HK lu4hk@...m [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Sunday, October 15, 2017 12:22:17 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Rx noise

I have a strange noise in reception, which seems not to be of electromagnetic origin or a spark. I'll test if it does without the antenna connected.
Luis LU4HK

Descarga Outlook para iOS<https://aka.ms/o0ukef>

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of Dale Putnam daleputnam@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, October 12, 2017 8:31:41 PM
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good luck!

Have a great day,
--... ...-- Dale - WC7S in Wy

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From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@...m>
Sent: Thursday, October 12, 2017 5:30 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Tx output and Rx impressions

Okay, it looks like time to unwind a turn or two tomorrow and check again.....

Thanks Dale es 73
Brent

4887. Re: [pfr3_group] My PFR-3B [1 Attachment]

Yahoo group: pfr3_group
Date: 2017-10-15 03:40:49 UTC
From: beargyrils@...
Topic: 4883 Message: 4887

Brent,I have used the end fed wire for about 7 years now and had nothing but excellent results with them. Cheap and very simple but pulls in stations. I also use the UN-end fed but it needs the counter poise for each band. I use the 65 foot wire and a short piece hooked to the rig. Search out AA5tB. He has an excellent site on the end fed. Good luck and Glad you have the PFR rig perking away. 72 Bob AF2DX
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "transistors56@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
Sender: pfr3_group@yahoogroups.com
Date: 15 Oct 2017 03:14:21
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] My PFR-3B [1 Attachment]

Well, I've got it all buttoned up and am sitting here listening to N3RD on the PAQP call CQ. I returned his call and he replied back first call with a RST 529. Not bad with a set of run down AA batteries; the antenna is a 43' multi band Zero Five vertical with 25 radials.

Also got my first spot on the reverse beacon network; NC7J Utah Contest Club on 7.028.

Building this little beauty is the most fun I've had in amateur radio for a while. Can't wait to take it portable and use the BLT tuner with some EFW antennas, etc.

72 de Brent VA3YG

4888. Re: [pfr3_group] My PFR-3B

Yahoo group: pfr3_group
Date: 2017-10-15 03:46:20 UTC
From: JB R
Topic: 4883 Message: 4888

Hey thanks for that info Bob.....I'm going to look that up.

Thanks for your encouragement through the build process, really appreciate it.

72 Brent VA3YG

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of beargyrils@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: October 14, 2017 11:40 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] My PFR-3B

Brent,I have used the end fed wire for about 7 years now and had nothing but excellent results with them. Cheap and very simple but pulls in stations. I also use the UN-end fed but it needs the counter poise for each band. I use the 65 foot wire and a short piece hooked to the rig. Search out AA5tB. He has an excellent site on the end fed. Good luck and Glad you have the PFR rig perking away. 72 Bob AF2DX

Sent from my Verizon Wireless BlackBerry

From: "transistors56@... [pfr3_group]" <pfr3_group@yahoogroups.com>
Sender: pfr3_group@yahoogroups.com
Date: 15 Oct 2017 03:14:21 +0000
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: [pfr3_group] My PFR-3B [1 Attachment]

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72 de Brent VA3YG

4889. Re: [pfr3_group] My PFR-3B

Yahoo group: pfr3_group
Date: 2017-10-15 06:24:17 UTC
From: beargyrils@...
Topic: 4883 Message: 4889

Hi Brent, the tuner for an end fed is very easy to build. 1 core and one poly cap and it's good for 8 watts with no problem
I know the PFR rig has a tuner built in but it is nice to have the extra. tuner for other QRP rigs
Have fun with the yellow rig. 72/73 BOB AF2DX
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "JB R transistors56@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
Sender: pfr3_group@yahoogroups.com
Date: Sun, 15 Oct 2017 03:46:20
To: pfr3_group@yahoogroups.com<pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] My PFR-3B

Hey thanks for that info Bob.....I'm going to look that up.

Thanks for your encouragement through the build process, really appreciate it.

72 Brent VA3YG

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of beargyrils@aol.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: October 14, 2017 11:40 PM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] My PFR-3B

Brent,I have used the end fed wire for about 7 years now and had nothing but excellent results with them. Cheap and very simple but pulls in stations. I also use the UN-end fed but it needs the counter poise for each band. I use the 65 foot wire and a short piece hooked to the rig. Search out AA5tB. He has an excellent site on the end fed. Good luck and Glad you have the PFR rig perking away. 72 Bob AF2DX

Sent from my Verizon Wireless BlackBerry

From: "transistors56@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
Sender: pfr3_group@yahoogroups.com
Date: 15 Oct 2017 03:14:21 +0000
To: <pfr3_group@yahoogroups.com>
ReplyTo: pfr3_group@yahoogroups.com
Subject: [pfr3_group] My PFR-3B [1 Attachment]

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72 de Brent VA3YG

4890. Re: [pfr3_group] My PFR-3B

Yahoo group: pfr3_group
Date: 2017-10-15 12:34:34 UTC
From: transistors56@...
Topic: 4883 Message: 4890

I've often thought it would be nice to have one as well Bob. 72
Brent VA3YG

4891. Celullar interference

Yahoo group: pfr3_group
Date: 2017-10-16 01:34:01 UTC
From: Luis LU4HK
Topic: 4891 Message: 4891

already solve cellular interference, replace the output cables to the BNC connector by coaxial cable.-
72 Luis LU4HK

Descarga Outlook para iOS<https://aka.ms/o0ukef>

4892. Scratchy sounding receive

Yahoo group: pfr3_group
Date: 2017-10-16 16:02:54 UTC
From: transistors56@...
Topic: 4892 Message: 4892

I've just recently developed a scratchy sounding receive. This may have appeared after I worked on the coils to tweak the power output.

You can hear this if the RX PEAK or volume knob is rotated. You can hear an amplified tap sound and this scratchy sound when I tap on any of the knobs. If the rig is jiggled a wee bit, this scratchy receive sound is very evident.

After playing around a little, I notice that I can make the scratchy sound totally disappear by gently pulling up on the RX PEAK knob. If I maintain a gentle upward force on the RX PEAK knob, there is no scratchy receive when any of the knobs are rotated or when the knobs are gently tapped.

73
Brent

4893. Re: [pfr3_group] Scratchy sounding receive

Yahoo group: pfr3_group
Date: 2017-10-16 16:13:10 UTC
From: beargyrils@...
Topic: 4892 Message: 4893

Brent, Try tapping on a few on the parts on the board. You'll know when you tap the one with a cold solder joint and make sure the PC board has a solid ground. Clean the jack on the phones also. Bob AF2DX
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "transistors56@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
Sender: pfr3_group@yahoogroups.com
Date: 16 Oct 2017 16:02:54
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Scratchy sounding receive

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73
Brent

4894. Re: [pfr3_group] Scratchy sounding receive

Yahoo group: pfr3_group
Date: 2017-10-16 16:16:46 UTC
From: transistors56@...
Topic: 4892 Message: 4894

I'm very suspicious about the RX PEAK knob. This one seems to be the one that can affects the noise. If I gently pull up on it and maintain that upward pressure, I can't make the scratchy noise happen. I'll take the lid off and reheat the solder connections , first for the RX PEAK knob.

Thanks Bob. I'll be back later.....

73
Brent VA3YG

4895. Re: [pfr3_group] Scratchy sounding receive

Yahoo group: pfr3_group
Date: 2017-10-16 16:17:26 UTC
From: Dale Putnam
Topic: 4892 Message: 4895

Hi Brent,

using a plastic, non metallic small tool, tap gently around the vol control, on the board, very gently.. if you can localize the sound by taping.. then reflow the components in that area. Even if the current connection looks good.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Monday, October 16, 2017 10:02 AM
To: pfr3_group@...m
Subject: [pfr3_group] Scratchy sounding receive

I've just recently developed a scratchy sounding receive. This may have appeared after I worked on the coils to tweak the power output.

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73

Brent

4896. Re: [pfr3_group] Scratchy sounding receive

Yahoo group: pfr3_group
Date: 2017-10-16 16:19:19 UTC
From: Dale Putnam
Topic: 4892 Message: 4896

There are two sides to the board to remember.. if you reflow all that can be, from the one side.. and the problem is still there.. it may be a good thing to reflow the other side.. HOWEVER>. TOTAL care about where the iron is.. all the plastic melts!!..

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Monday, October 16, 2017 10:16 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Scratchy sounding receive

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Thanks Bob. I'll be back later.....

73
Brent VA3YG

4897. Re: [pfr3_group] Scratchy sounding receive

Yahoo group: pfr3_group
Date: 2017-10-16 16:21:53 UTC
From: beargyrils@...
Topic: 4892 Message: 4897

That's what it sounds like. Where the shaft goes through the panel make sure there is no paint and give it a light sand paper cleaning. Bob AF2DX
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "transistors56@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
Sender: pfr3_group@yahoogroups.com
Date: 16 Oct 2017 16:16:46
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Scratchy sounding receive

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Thanks Bob. I'll be back later.....

73
Brent VA3YG

4898. Re: [pfr3_group] Scratchy sounding receive

Yahoo group: pfr3_group
Date: 2017-10-16 17:02:33 UTC
From: transistors56@...
Topic: 4892 Message: 4898

Hi Dale,
I just reflowed the solder on the bottom side of the RX PEAK, volume, Load and Tune knobs and was able to avoid any plastic (not like me hi). With the bottom lid secured tight, there's no more scratchy sounds and things are quiet as a mouse when I tap any knobs or switches.

Thanks to Bob and yourself for the advice.

I'm going to be back at a later date to go over this BLT and stuff. I'm having a time with it. Probably making it more difficult than what it actually is.

I connected a 42' wire on to the red binding post and no counterpoise, flicked the toggle switch to face the coax fitting, switched to tune and made sure the switch was on BLT. No way could I get the swr LED to budge from a bright red. I used this length of wire after having watched a Youtube video where the amateur had success with his PFR-3 and this length of radiator.

73
Brent

4899. Re: [pfr3_group] Scratchy sounding receive

Yahoo group: pfr3_group
Date: 2017-10-16 17:06:37 UTC
From: Dale Putnam
Topic: 4892 Message: 4899

Hi Brent,

If the antenna is connected to the red binding post.. the arm of the antenna switch should be leaning toward the binding post to make connection with it.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@... [pfr3_group] <pfr3_group@...m>
Sent: Monday, October 16, 2017 11:02 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Scratchy sounding receive

Hi Dale,

I just reflowed the solder on the bottom side of the RX PEAK, volume, Load and Tune knobs and was able to avoid any plastic (not like me hi). With the bottom lid secured tight, there's no more scratchy sounds and things are quiet as a mouse when I tap any knobs or switches.

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73
Brent

4900. Re: [pfr3_group] Scratchy sounding receive

Yahoo group: pfr3_group
Date: 2017-10-16 17:19:10 UTC
From: transistors56@...
Topic: 4892 Message: 4900

It worked Bob, thanks! I specifically remember soldering those parts in; not sure why I originally scrimped on the solder....

73
Brent VA3YG

4901. Re: [pfr3_group] Scratchy sounding receive

Yahoo group: pfr3_group
Date: 2017-10-16 17:22:02 UTC
From: transistors56@...
Topic: 4892 Message: 4901

What's so hard about that??? hihi

73 Brent

4902. Re: [pfr3_group] Scratchy sounding receive

Yahoo group: pfr3_group
Date: 2017-10-16 19:46:41 UTC
From: beargyrils@...
Topic: 4892 Message: 4902

Hi Brent. I used to build up a lot of QRP kits and I always sanded the top and bottom covers so when I tightened the screws,the whole rig was bonded. I did the same to my China rigs and my 2 vintage MFJ rigs. Nice to hear you got rid of the bug. I should be home in a week so maybe we can have a CW rag chew. 73 Bob AF2DX
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "transistors56@hotmail.com [pfr3_group]" <pfr3_group@yahoogroups.com>
Sender: pfr3_group@yahoogroups.com
Date: 16 Oct 2017 17:19:10
To: <pfr3_group@yahoogroups.com>
Reply-To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Scratchy sounding receive

It worked Bob, thanks! I specifically remember soldering those parts in; not sure why I originally scrimped on the solder....

73
Brent VA3YG

4903. Experiences with BLT/end fed wire antennas and antennas fed with balanced line

Yahoo group: pfr3_group
Date: 2017-10-18 21:52:51 UTC
From: transistors56@...
Topic: 4903 Message: 4903

Dale has been working with me to get my new build up and running. Had some great results on different antennas using the coax jack. This is a sweet little QRP rig!

What I really want to do now is get some experience using the BLT and the binding posts with wire antennas of different kinds....

Can anyone share any of their experiences using the BLT with different antennas? What's your favourite antenna? How do you find the BLT works for you? Any kinds of experience along those lines would be great to hear about....

Thanks es 73
Brent VA3YG

4904. LED Display

Yahoo group: pfr3_group
Date: 2017-10-20 07:14:51 UTC
From: dxer67@...
Topic: 4904 Message: 4904

Dear All, does anybody know if display is common anode or cathode? Tks 73,s Hubert F6DUK

4905. Re: [pfr3_group] LED Display

Yahoo group: pfr3_group
Date: 2017-10-20 18:20:51 UTC
From: Steven Weber
Topic: 4904 Message: 4905

Common cathode.
Dear All, does anybody know if display is common anode or cathode? Tks 73,s Hubert F6DUK

4906. Re: Experiences with BLT/end fed wire antennas and antennas fed with balanced line

Yahoo group: pfr3_group
Date: 2017-10-21 13:02:05 UTC
From: wb8yyy@...
Topic: 4903 Message: 4906

Brent

Most anything classic fed with ladder line or twin lead, such as the 88 foot doublet. It will even do somewhat unbalanced. Someone here had described an off center fed cut for 30m, around 46 feet, fed at one third. It will load nicely on all three bands. Its in my travel bag. For a fixed station I might prefer the longer center fed.

The BLT will trim coax too, but then I suggest something not too far off match. My 160m top loaded vertical contains a 29 foot section that loads nicely on all warc bands thru coax, since its swr is lower than 3 to 1 on each.

Curt

4907. Re: Experiences with BLT/end fed wire antennas and antennas fed with balanced line

Yahoo group: pfr3_group
Date: 2017-10-21 13:35:17 UTC
From: transistors56@...
Topic: 4903 Message: 4907

Thanks for sharing your experiences Curt; it's nice to hear. I'm especially looking forward to playing with ladder line, etc. and made note of the 88' doublet.

Messed something up on my build to do with the BLT. Dale was so patient and worked with me step by step to try and find the problem. I took him up on his offer to spec the rig out. Feel relieved that it will come back working properly in all aspects.

I did use the rig with my ground mounted vertical via coax and also some portable operation and was very successful with some contacts.

I learned so much working on this build and through emailing Dale. Fun build...

I've saved your email and have put it in my PFR-3B file.

Thanks es 72 de Brent VA3YG

4908. RE: [pfr3_group] Re: Experiences with BLT/end fed wire antennas andantennas fed with balanced line

Yahoo group: pfr3_group
Date: 2017-10-21 17:45:03 UTC
From: Steven Weber
Topic: 4903 Message: 4908

Using the BLT takes some practice. The adjustments can be very sharp and interactive. Often you need to tune past the dip slightly on the TUNE and re-dip with the Load, working back and forth until you get the LED to go out. But even if you can’t get the LED to go out all the way, the SWR will be acceptably low if you get pretty dim. Seeing the initial dip is usually the hard part. Peaking for best signal strength or band noise first usually gets you close.

It’s a good idea to practice with a dummy load of some kind. For the balance line, H-Z position, a 4.7K, 3 watt resistor is a good load to practice with. Or just a 50 ohm in the Low -Z position. Once you find the settings for each band, you can mark the positions on the case. Then it usually only takes minor adjustments from those positions for any load.

You do have to remember to have the toggle switch on the back of the cabinet in the correct position. If your using the direct coax connection, make sure your not connected to the BLT or you will back feed it.

73, Steve KD1JV

Messed something up on my build to do with the BLT. Dale was so patient and worked with me step by step to try and find the problem. I took him up on his offer to spec the rig out. Feel relieved that it will come back working properly in all aspects.

Thanks es 72 de Brent VA3YG

4909. RE: [pfr3_group] Re: Experiences with BLT/end fed wire antennas andantennas fed with balanced line

Yahoo group: pfr3_group
Date: 2017-10-21 18:27:44 UTC
From: transistors56@...
Topic: 4903 Message: 4909

Kind of like the ZM-2 ATU I built a couple years ago. That took a great deal of patience/practice as well.
I'm set up here for a 50 ohm load so I'll use the Low Z position for practice. It'll all come with time; in the meantime it's been a lot of fun and quite educational as well.
Yes on the correct position for the toggle switch.....must remember
Thanks Steve.
73, Brent VA3YG

4910. No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 05:46:25 UTC
From: goathiker@...
Topic: 4910 Message: 4910

Recently acquired a PFR3 in a trade ...it came from a SK estate via 3rd party so I know little about it's former life? Receiver is working well with loud signals on all bands! Keyer/sidetone are also playing well just no output into a dummy load or 50-ohm antenna. Adjacent receiver hears a weak carrier S5-7 but no keying just a solid carrier which stops when I stoping keying? So any tips where to look or test points I can probe? Sorry no scope here only a DVM ...didn't notice a troubleshooting section in the documentation or maybe I missed it? Any help is much appreciated!

73, Steve/wGOAT

4911. Re: [pfr3_group] No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 06:33:56 UTC
From: Dale Putnam
Topic: 4910 Message: 4911

Hey Steve.
Use the dvm measure voltage on L7 the 8 turn torpid. And see if it lets with the keyer. I will work with you in the morning ok?

Make this a great day
Dale

On Oct 26, 2017, at 11:46 PM, goathiker@gmail.com<mailto:goathiker@gmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Recently acquired a PFR3 in a trade ...it came from a SK estate via 3rd party so I know little about it's former life? Receiver is working well with loud signals on all bands! Keyer/sidetone are also playing well just no output into a dummy load or 50-ohm antenna. Adjacent receiver hears a weak carrier S5-7 but no keying just a solid carrier which stops when I stoping keying? So any tips where to look or test points I can probe? Sorry no scope here only a DVM ...didn't notice a troubleshooting section in the documentation or maybe I missed it? Any help is much appreciated!

73, Steve/wGOAT

4912. Re: [pfr3_group] No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 12:14:41 UTC
From: Dale Putnam
Topic: 4910 Message: 4912

HI Steve,

Which model of PFR-3 is it? The voltage measurement at L5, will tell us if the finals are seeing keyed voltage.

IF the voltage is being keyed, then drive to the finals may be missing.. or.. the finals may have been toasted.

The testing should be done into a dummy load, of coarse, and a precheck of the antenna switch to insure it matches the

manual is in order too.

An rf probe will help with the drive check.. or a voltage check on U7.

They are pretty much a tank, takes a beating an keeps on ticking.. until the sand melts, after a real problem.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of goathiker@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Thursday, October 26, 2017 11:46 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] No Power Out?

Recently acquired a PFR3 in a trade ...it came from a SK estate via 3rd party so I know little about it's former life? Receiver is working well with loud signals on all bands! Keyer/sidetone are also playing well just no output into a dummy load or 50-ohm antenna. Adjacent receiver hears a weak carrier S5-7 but no keying just a solid carrier which stops when I stoping keying? So any tips where to look or test points I can probe? Sorry no scope here only a DVM ...didn't notice a troubleshooting section in the documentation or maybe I missed it? Any help is much appreciated!

73, Steve/wGOAT

4913. Re: [pfr3_group] No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 13:03:19 UTC
From: goathiker@...
Topic: 4910 Message: 4913

Hi Dale Glad to hear from you. My confidence soars knowing I've expert help on board!

My PFR is the model A with push buttons ...not the B model with encoder. Don't know how early of an A model? reading some of the group files and saw Steve's note about the first 150 kits having issues ...I'll cross my fingers and hope it's more recent.

Let me clear my desk and finish first cup of joe and we'll get busy measuring L5 assuming I can get to it without PCB removal from case.

Steve wGOAT

4914. Re: [pfr3_group] No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 13:08:44 UTC
From: Dale Putnam
Topic: 4910 Message: 4914

Even the early ones can be corrected.. no problem. And you have already identified the board I need to look at.

There is small differenceds between the two.. but generally they are the same.

hmm.. I don't know about that "expert" thing.. but thank you.

I'm with you, coffee first. The L5 can be checked without taking the board out...

I gotta figure out how to point at the board, and you see it .... ☐

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of goathiker@gmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Friday, October 27, 2017 7:03 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] No Power Out?

Hi Dale Glad to hear from you. My confidence soars knowing I've expert help on board!

My PFR is the model A with push buttons ...not the B model with encoder. Don't know how early of an A model? reading some of the group files and saw Steve's note about the first 150 kits having issues ...I'll cross my fingers and hope it's more recent.

Let me clear my desk and finish first cup of joe and we'll get busy measuring L5 assuming I can get to it without PCB removal from case.

Steve wGOAT

4915. RE: [pfr3_group] No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 14:22:10 UTC
From: Steven Weber
Topic: 4910 Message: 4915

Since your hearing signals, all the switches must be in the correct positions and the path through the LPF is okay. In this case, the most likely problem is the PA choke has broken loose from the board and the PA is not getting power.

Steve KD1JV
Recently acquired a PFR3 in a trade ...it came from a SK estate via 3rd party so I know little about it's former life? Receiver is working well with loud signals on all bands! Keyer/sidetone are also playing well just no output into a dummy load or 50-ohm antenna. Adjacent receiver hears a weak carrier S5-7 but no keying just a solid carrier which stops when I stoping keying? So any tips where to look or test points I can probe? Sorry no scope here only a DVM ...didn't notice a troubleshooting section in the documentation or maybe I missed it? Any help is much appreciated!

73, Steve/wGOAT

4916. Re: [pfr3_group] No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 15:06:57 UTC
From: Luis LU4HK
Topic: 4910 Message: 4916

steve yo use fldigi, connect audio prf3 cable to pc input. connect prf3 in calibration mode and move the tuning until you find the 700 hz on the screen (waterfall) and you're done. me works properly centered. 73 LUis LU4HK

Descarga Outlook para iOS<https://aka.ms/o0ukef>

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of goathiker@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Friday, October 27, 2017 2:46:25 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] No Power Out?

Recently acquired a PFR3 in a trade ...it came from a SK estate via 3rd party so I know little about it's former life? Receiver is working well with loud signals on all bands! Keyer/sidetone are also playing well just no output into a dummy load or 50-ohm antenna. Adjacent receiver hears a weak carrier S5-7 but no keying just a solid carrier which stops when I stoping keying? So any tips where to look or test points I can probe? Sorry no scope here only a DVM ...didn't notice a troubleshooting section in the documentation or maybe I missed it? Any help is much appreciated!

73, Steve/wGOAT

4917. RE: [pfr3_group] No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 15:19:01 UTC
From: goathiker@...
Topic: 4910 Message: 4917

Tks,Steve! …trying to track down where to test L7 (is L7 the PA Choke?) ...since parts layout says it’s top side and I think I’ve isolated the pads on bottom side

…BUT while searching I noticed the ant/switch is looking like it’s wired up funny PLUS when I switch back and forth from BLT to COAX I’m still hearing signal there’s no difference like the switch is shorted?? (FYI antenna is 4BTV and hooked to BNC jack via 100’ of coax) …should RX go quiet when I switch to BLT? ...since I've no ant hook to binding post? …ok for sake of testing I’m gonna undo the wiring on the switch and just go direct from S8 switch in other words direct from LP filters to BNC and see what happens? ...More soon! Steve

4918. Re: [pfr3_group] No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 15:27:26 UTC
From: goathiker@...
Topic: 4910 Message: 4918

Thank you Luis! ...RX is working ok so far ...maybe later will need to check calibration and filter alignment but first need TX to work. 73, Steve

4919. RE: [pfr3_group] No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 17:10:13 UTC
From: goathiker@...
Topic: 4910 Message: 4919
Attachments: 1 described; binary payloads are missing from this source WARC

OK ...once I got the crazy wiring job on the coax/BLT switch outa the way I could see the cut trace going to L7 What the? ...see pic

Why would someone need to do this ...they even marked it with the black arrow ...go figure Maybe they just wanted to RX with no chance of TXing? So about to solder bridge the cut trace and see if we get any RF ...but need to check addendum notes maybe this was suppose to be cut? I would find that hard to believe? Steve

4920. Re: No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 17:15:46 UTC
From: goathiker@...
Topic: 4910 Message: 4920
Attachments: 1 described; binary payloads are missing from this source WARC

Pic didn't make through so trying again? Sg

4921. Re: No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 17:18:47 UTC
From: goathiker@...
Topic: 4910 Message: 4921

Wow what if the trace acted as fuse OMG! Better make some resistance measurements first to see if PA is a dead short?? Sg

4922. Re: No Power Out?

Yahoo group: pfr3_group
Date: 2017-10-27 18:12:12 UTC
From: sigcom@...
Topic: 4910 Message: 4922

Good thinking, Steve. Zooming in on that photo, it appears to me to be a 'blown' trace.

73.......Steve Smith WB6TNL CalQRP #002

4923. Re: No Power Out? (progress!)

Yahoo group: pfr3_group
Date: 2017-10-27 18:44:06 UTC
From: goathiker@...
Topic: 4910 Message: 4923

No shorts measured at silly cut trace ...so I jumpered it and BINGO! I've nice power out on 20/40m but nothing on 30m now? Hmm?

How much power is hard to say on my homebrew watt meter maybe 2-3W via a 9vdc battery for testing purposes! Wanted to limit the current so using a half dead 9vdc. (8.5V?)

Little steps at a time! ...Next figuring out what is awry in the 30m path? Could it be the LP-filter coils?

Steve

4924. Re: No Power Out? (progress!)

Yahoo group: pfr3_group
Date: 2017-10-27 19:50:00 UTC
From: goathiker@...
Topic: 4910 Message: 4924

More progress ...Hah! We make FIRE (RF)! Reheated all the pads in the 30m LP path and now 30m has power out! Yaah!

Also realized I've working with a original partial manual (had no page #s) just downloaded the 26-pager from files for PFR3a! And looks like there's some other fixes (jumpers) that need to add. Kinda felt like I was dealing half a deck!

Also the note in files says something about the first 100 kits had a programming error? My MCU has a very faint red line on it but no red dot ...does this mean I need to send it back to Steve for rezapping??

So far this has been a fun learning project makes me realize I need some better tools if I'm going to continue with debugging my kits! RFmeter, QRP dummy load etc

Steve wGOAT

4925. RE: [pfr3_group] Re: No Power Out? (progress!)

Yahoo group: pfr3_group
Date: 2017-10-27 20:17:07 UTC
From: Steven Weber
Topic: 4910 Message: 4925

I don’t remember what the bug might have been. If there is one it might show up pretty quick.

Oh yea, it was an interrupt which if it occurred at the wrong time when entering a message for the keyer memory, would mess up that character and send some garbage. It doesn’t happen all the time, so took a while for anyone to notice and longer to find.

Steve KD1JV

Also the note in files says something about the first 100 kits had a programming error? My MCU has a very faint red line on it but no red dot ...does this mean I need to send it back to Steve for rezapping??

Steve wGOAT

4926. RE: [pfr3_group] Re: No Power Out? (progress!)

Yahoo group: pfr3_group
Date: 2017-10-27 22:07:52 UTC
From: goathiker@...
Topic: 4910 Message: 4926

Thanks all for help!

Mystery continues ...Still trying to figure out which manual matches my radio? My PCB is labeled: REV A 2/09/08

The PFR-3A
Three band “Portable Field Ready”
QRP CW Transceiver 40/30/20 meters
Hendricks Kits – www.qrpkits.com KD1JV Designs
11/16/09 updated 3/1/10

Or this one (I'm thinking this one below)

The PFR-3
Three band “Portable Field Ready” QRP CW Transceiver
40/30/20 meters
Hendricks Kits – www.qrpkits.com
KD1JV Designs
Production manual 6/10/08
Rev B.2 September 22, 2008

Both manuals speak about adding a jumper mod on the MCU my PCB has none?

Thanks, Steve/wGOAT

4927. Bulldog key

Yahoo group: pfr3_group
Date: 2017-10-28 11:12:55 UTC
From: Luis LU4HK
Topic: 4927 Message: 4927

good morning to all !!! someone has a scheme to make a BULLDOG KEY. thank you very much
72 Luis LU4HK

Descarga Outlook para iOS<https://aka.ms/o0ukef>

4928. Re: [pfr3_group] Bulldog key

Yahoo group: pfr3_group
Date: 2017-10-28 11:20:42 UTC
From: VK5EEE
Topic: 4927 Message: 4928

Good evening!

Here are instructions with photographs but in Polish, you will need to
use online translation:

http://sp7q.blogspot.com.au/2014/03/metal-clip-cw-paddle.html

-- QTX: 101date.3kHz
-- Join us at 30cw.net <http://30cw.net>
-- CW News: https://t.me/cwnews
73 es 77 de Lou VK5EEE
On 28/10/2017 9:42 PM, Luis LU4HK lu4hk@... [pfr3_group] wrote:
> ?
>
> good morning to all !!! someone has a scheme to make a BULLDOG KEY.
> thank you very much
> 72 Luis LU4HK?
>
> Descarga Outlook para iOS <https://aka.ms/o0ukef>
>

4929. Re: [pfr3_group] Bulldog key

Yahoo group: pfr3_group
Date: 2017-10-28 11:23:09 UTC
From: Luis LU4HK
Topic: 4927 Message: 4929

Thanks for the help

Lou

Outlook para iOS<https://aka.ms/o0ukef>

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of VK5EEE vk5eee@... [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 28, 2017 8:20:42 AM
To: pfr3_group@yahoogroups.com
Subject: Re: [pfr3_group] Bulldog key

Good evening!

Here are instructions with photographs but in Polish, you will need to use online translation:

http://sp7q.blogspot.com.au/2014/03/metal-clip-cw-paddle.html

-- QTX: 101date.3kHz
-- Join us at 30cw.net<http://30cw.net>
-- CW News: https://t.me/cwnews
73 es 77 de Lou VK5EEE
On 28/10/2017 9:42 PM, Luis LU4HK lu4hk@...<mailto:lu4hk@...> [pfr3_group] wrote:

good morning to all !!! someone has a scheme to make a BULLDOG KEY. thank you very much
72 Luis LU4HK

Descarga Outlook para iOS<https://aka.ms/o0ukef>

4930. Re: [pfr3_group] Bulldog key

Yahoo group: pfr3_group
Date: 2017-10-28 13:26:58 UTC
From: Bob Zolecki
Topic: 4927 Message: 4930

So Luis what’s a bulldog key like.
de Bob Z

Sent from my iPhone

> On Oct 28, 2017, at 7:20 AM, VK5EEE vk5eee@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:
>
> Good evening!
>
> Here are instructions with photographs but in Polish, you will need to use online translation:
>
> http://sp7q.blogspot.com.au/2014/03/metal-clip-cw-paddle.html
> -- QTX: 101date.3kHz
> -- Join us at 30cw.net
> -- CW News: https://t.me/cwnews
> 73 es 77 de Lou VK5EEE
>> On 28/10/2017 9:42 PM, Luis LU4HK lu4hk@...m [pfr3_group] wrote:
>>
>> good morning to all !!! someone has a scheme to make a BULLDOG KEY. thank you very much
>> 72 Luis LU4HK
>>
>> Descarga Outlook para iOS
>
>

4931. Working FB now!

Yahoo group: pfr3_group
Date: 2017-10-28 17:33:00 UTC
From: goathiker@...
Topic: 4931 Message: 4931

Anyone have recommendations on AA-battery chemistry, charging, etc
I kind of leary and don't trust batteries mounted inside with delicate electronics but that said if you're removing them on regular basis then maybe less worries about leakage ...and remove them for prolong storage.

So is it alkaline, NM, or are other better options?

Thanks again for the guidance, Steve/wGOAT!

4932. Re: [pfr3_group] Working FB now!

Yahoo group: pfr3_group
Date: 2017-10-28 19:19:32 UTC
From: Dale Putnam
Topic: 4931 Message: 4932

I like the ones I have in hand.. have used alki, nimh, lipoly, the deciding factor turns out to be, which charger do you have?

AND if you have the thumb screws for the cover, to allow easy access and often inspection.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of goathiker@gmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Saturday, October 28, 2017 11:33 AM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] Working FB now!

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I kind of leary and don't trust batteries mounted inside with delicate electronics but that said if you're removing them on regular basis then maybe less worries about leakage ...and remove them for prolong storage.

So is it alkaline, NM, or are other better options?

Thanks again for the guidance, Steve/wGOAT!

4933. Re: [pfr3_group] Working FB now!

Yahoo group: pfr3_group
Date: 2017-10-28 19:37:31 UTC
From: JB R
Topic: 4931 Message: 4933

Hey Steve,
Can we expect to see a Youtube video with the PFR-3 starring in it?
73,
Brent VA3YG

Sent from my iPhone

On Oct 28, 2017, at 3:19 PM, Dale Putnam daleputnam@hotmail.com<mailto:daleputnam@hotmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

I like the ones I have in hand.. have used alki, nimh, lipoly, the deciding factor turns out to be, which charger do you have?

AND if you have the thumb screws for the cover, to allow easy access and often inspection.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com> <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> on behalf of goathiker@gmail.com<mailto:goathiker@gmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>>
Sent: Saturday, October 28, 2017 11:33 AM
To: pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>
Subject: [pfr3_group] Working FB now!

Anyone have recommendations on AA-battery chemistry, charging, etc

I kind of leary and don't trust batteries mounted inside with delicate electronics but that said if you're removing them on regular basis then maybe less worries about leakage ...and remove them for prolong storage.

So is it alkaline, NM, or are other better options?

Thanks again for the guidance, Steve/wGOAT!

4934. Re: [pfr3_group] Bulldog key

Yahoo group: pfr3_group
Date: 2017-10-28 21:52:12 UTC
From: Kevin Kleinfelter
Topic: 4927 Message: 4934

This guy sells them: http://www.amateurradioproducts.com/

I bought one. You can indeed use it as a paddle. You can bend it to adjust the feel. I thought it was adequate for the price, but would never be a "go-to" portable paddle for me. I wanted a paddle for SOTA, and if you throw this in the pack, you have to re-bend/adjust it on summit, and I didn't want to have to carry needle nose pliers.
73 DE K4KPK / Kevin

On Sat, Oct 28, 2017 at 9:26 AM, Bob Zolecki bobzolecki@...
[pfr3_group] <pfr3_group@...m> wrote:

>
>
> So Luis what’s a bulldog key like.
> de Bob Z
>
> Sent from my iPhone
>
> On Oct 28, 2017, at 7:20 AM, VK5EEE vk5eee@... [pfr3_group] <
> pfr3_group@yahoogroups.com> wrote:
>
>
>
>
> Good evening!
>
> Here are instructions with photographs but in Polish, you will need to use
> online translation:
>
> http://sp7q.blogspot.com.au/2014/03/metal-clip-cw-paddle.html
> -- QTX: 101date.3kHz
> -- Join us at 30cw.net
> -- CW News: https://t.me/cwnews
> 73 es 77 de Lou VK5EEE
> On 28/10/2017 9:42 PM, Luis LU4HK lu4hk@... [pfr3_group] wrote:
>
>
>
>
> good morning to all !!! someone has a scheme to make a BULLDOG KEY. thank
> you very much
> 72 Luis LU4HK
>
> Descarga Outlook para iOS <https://aka.ms/o0ukef>
>
>
>

>

4935. Re: [pfr3_group] Working FB now!

Yahoo group: pfr3_group
Date: 2017-10-28 23:21:26 UTC
From: goathiker@...
Topic: 4931 Message: 4935

Soon ...but upon buttoning up the rig I loaded AA-batteries into the trays and checked the on switch ...nothing? Dead! so I emptied the tray and measured continuity ...wow most of the spring contact connections are open ...cheesy battery tray!

Plus the first owner must have overheated the contacts when soldering to them as the case is melted by the contacts

...now my plan to take this on tomorrow's SOTA is foiled! Grrr! ...yes I can use external battery but I'd have to make up a special cable with voltage dropping diodes because most of my batteries are lithpoly or A123s are 13.8Vdc! and no time left before have to pack etc ...curses!

ANyone have the mouser part number for the battery trays and the power-on slide switch? (my power slide switch isn't working won't turn off?)

Steve/wGOAT

4936. Li-po Battery?

Yahoo group: pfr3_group
Date: 2017-10-28 23:42:24 UTC
From: goathiker@...
Topic: 4936 Message: 4936

Anyone using or find a 12V Li-po battery that fits in the PFR-3 case? If so how is it working and where did you find it?

Tks, Steve wGOAT

4937. Re: [pfr3_group] Working FB now!

Yahoo group: pfr3_group
Date: 2017-10-28 23:51:35 UTC
From: Dale Putnam
Topic: 4931 Message: 4937

It will run on 13.5 as long as you are mindful about how long you have it key down. And it the antenna swings significantly in the wind

Make this a great day
Dale

On Oct 28, 2017, at 5:21 PM, goathiker@gmail.com<mailto:goathiker@gmail.com> [pfr3_group] <pfr3_group@yahoogroups.com<mailto:pfr3_group@yahoogroups.com>> wrote:

Soon ...but upon buttoning up the rig I loaded AA-batteries into the trays and checked the on switch ...nothing? Dead! so I emptied the tray and measured continuity ...wow most of the spring contact connections are open ...cheesy battery tray!

Plus the first owner must have overheated the contacts when soldering to them as the case is melted by the contacts

...now my plan to take this on tomorrow's SOTA is foiled! Grrr! ...yes I can use external battery but I'd have to make up a special cable with voltage dropping diodes because most of my batteries are lithpoly or A123s are 13.8Vdc! and no time left before have to pack etc ...curses!

ANyone have the mouser part number for the battery trays and the power-on slide switch? (my power slide switch isn't working won't turn off?)

Steve/wGOAT

4938. Re: [pfr3_group] Working FB now!

Yahoo group: pfr3_group
Date: 2017-10-29 00:44:51 UTC
From: Pacific Antenna
Topic: 4931 Message: 4938

Steve,

We have the battery trays and switches for the PFR in stock.

Just drop me an email to the address the qrpkits.com website and we can make arrangements to get what you need on the way to you.

James
KA5DVS
Email: qrpkits.com@...

On Sat, Oct 28, 2017 at 4:21 PM, goathiker@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Soon ...but upon buttoning up the rig I loaded AA-batteries into the trays
> and checked the on switch ...nothing? Dead! so I emptied the tray and
> measured continuity ...wow most of the spring contact connections are open
> ...cheesy battery tray!
>
> Plus the first owner must have overheated the contacts when soldering to
> them as the case is melted by the contacts
>
> ...now my plan to take this on tomorrow's SOTA is foiled! Grrr! ...yes I
> can use external battery but I'd have to make up a special cable with
> voltage dropping diodes because most of my batteries are lithpoly or A123s
> are 13.8Vdc! and no time left before have to pack etc ...curses!
>
> ANyone have the mouser part number for the battery trays and the power-on
> slide switch? (my power slide switch isn't working won't turn off?)
>
> Steve/wGOAT
>
>
>

4939. Re: [pfr3_group] Bulldog key

Yahoo group: pfr3_group
Date: 2017-10-29 02:01:12 UTC
From: VK5EEE
Topic: 4927 Message: 4939

I have been using K9LU's paddles from www.amateurradioproducts.com for the past 2+ years every day at QTH -- it is my only paddles, and they are superb. I can send up to 50WPM on them (I'm QRQ OP as well as QRS ;) -- when they first arrived I underestimated them, but once stuck to the desk with the included "chewing gum" tack, UFB. I've also used them /M in the car, stuck to the door rest, and dashboard. If you don't want to make them, they're definitely worth the $30 to buy them ready made.

-- QTX: 101date.3kHz
-- Join us at 30cw.net <http://30cw.net>
-- CW News: https://t.me/cwnews
73 es 77 de Lou VK5EEE
On 29/10/2017 8:22 AM, Kevin Kleinfelter kleinfelter.groups@...
[pfr3_group] wrote:
>
> This guy sells them: http://www.amateurradioproducts.com/
>
> I bought one. You can indeed use it as a paddle. You can bend it to
> adjust the feel. I thought it was adequate for the price, but would
> never be a "go-to" portable paddle for me. I wanted a paddle for
> SOTA, and if you throw this in the pack, you have to re-bend/adjust it
> on summit, and I didn't want to have to carry needle nose pliers.
> 73 DE K4KPK / Kevin
>
> On Sat, Oct 28, 2017 at 9:26 AM, Bob Zolecki bobzolecki@...
> <mailto:bobzolecki@...> [pfr3_group] <pfr3_group@yahoogroups.com
> <mailto:pfr3_group@yahoogroups.com>> wrote:
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> So Luis what’s a bulldog key like.
>
> de Bob Z
>
> Sent from my iPhone
>
> On Oct 28, 2017, at 7:20 AM, VK5EEE vk5eee@...
> <mailto:vk5eee@...> [pfr3_group] <pfr3_group@yahoogroups.com
> <mailto:pfr3_group@yahoogroups.com>> wrote:
>
>>
>>
>> Good evening!
>>
>> Here are instructions with photographs but in Polish, you will

>> need to use online translation:
>>
>> http://sp7q.blogspot.com.au/2014/03/metal-clip-cw-paddle.html
>> <http://sp7q.blogspot.com.au/2014/03/metal-clip-cw-paddle.html>
>>
>> -- QTX: 101date.3kHz
>> -- Join us at 30cw.net <http://30cw.net>
>> -- CW News: https://t.me/cwnews
>> 73 es 77 de Lou VK5EEE
>> On 28/10/2017 9:42 PM, Luis LU4HK lu4hk@...
>> <mailto:lu4hk@...> [pfr3_group] wrote:
>>>
>>>
>>> good morning to all !!! someone has a scheme to make a BULLDOG
>>> KEY. thank you very much
>>> 72 Luis LU4HK
>>>
>>> Descarga Outlook para iOS <https://aka.ms/o0ukef>
>>
>
>

4940. Re: [pfr3_group] Bulldog key

Yahoo group: pfr3_group
Date: 2017-10-29 02:02:30 UTC
From: VK5EEE
Topic: 4927 Message: 4940

You can see them in action on a video on my QRZ page
https://qrz.com/db/VK5EEE though I did not show off high speed, just
rotating between different types of keys.

-- QTX: 101date.3kHz
-- Join us at 30cw.net <http://30cw.net>
-- CW News: https://t.me/cwnews
73 es 77 de Lou VK5EEE
On 29/10/2017 12:31 PM, VK5EEE vk5eee@... [pfr3_group] wrote:
>
>
> I have been using K9LU's paddles from www.amateurradioproducts.com for
> the past 2+ years every day at QTH -- it is my only paddles, and they
> are superb. I can send up to 50WPM on them (I'm QRQ OP as well as QRS
> ;) -- when they first arrived I underestimated them, but once stuck to
> the desk with the included "chewing gum" tack, UFB. I've also used
> them /M in the car, stuck to the door rest, and dashboard. If you
> don't want to make them, they're definitely worth the $30 to buy them
> ready made.
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> -- QTX: 101date.3kHz
> -- Join us at 30cw.net <http://30cw.net>
> -- CW News: https://t.me/cwnews
> 73 es 77 de Lou VK5EEE
> On 29/10/2017 8:22 AM, Kevin Kleinfelter kleinfelter.groups@...
> [pfr3_group] wrote:
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>> I bought one. You can indeed use it as a paddle. You can bend it to
>> adjust the feel. I thought it was adequate for the price, but would
>> never be a "go-to" portable paddle for me. I wanted a paddle for
>> SOTA, and if you throw this in the pack, you have to re-bend/adjust
>> it on summit, and I didn't want to have to carry needle nose pliers.
>> 73 DE K4KPK / Kevin
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>> On Sat, Oct 28, 2017 at 9:26 AM, Bob Zolecki bobzolecki@...
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>> <mailto:pfr3_group@yahoogroups.com>> wrote:
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>> On Oct 28, 2017, at 7:20 AM, VK5EEE vk5eee@...
>> <mailto:vk5eee@...> [pfr3_group] <pfr3_group@yahoogroups.com
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>>>
>>> Good evening!
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>>> Here are instructions with photographs but in Polish, you will
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>>> http://sp7q.blogspot.com.au/2014/03/metal-clip-cw-paddle.html
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>>>
>>> -- QTX: 101date.3kHz
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>>> -- CW News: https://t.me/cwnews
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>>>> good morning to all !!! someone has a scheme to make a BULLDOG
>>>> KEY. thank you very much
>>>> 72 Luis LU4HK
>>>>
>>>> Descarga Outlook para iOS <https://aka.ms/o0ukef>
>>>
>>
>
>

4941. Bulldog

Yahoo group: pfr3_group
Date: 2017-10-31 03:01:42 UTC
From: Luis LU4HK
Topic: 4941 Message: 4941
Attachments: 1 described; binary payloads are missing from this source WARC

[Image]

Descarga Outlook para iOS<https://aka.ms/o0ukef>

4942. BLT Question?

Yahoo group: pfr3_group
Date: 2017-11-02 19:17:31 UTC
From: goathiker@...
Topic: 4942 Message: 4942

Folks, My question is the BLT in the PFR3 a different or modified design than the ZM2 or Norcal version for a reason?

Here's what I found on the web for the ZM2 BLT and similar Norcal BLT
Primary: 16T w/CT

Secondaries: 12T for highZ and 6T for low-Z

However in the PFR3 its:
Primary: 11T w/CT @ 5.5T

Secondaries: 6T for highZ and 2T for low-Z

My PFR3's BLT doesn't seem to work (not dimming LED) no matter if it's in L or H Z positions and coax or balanced positions ...to 50-ohm antenna or random wire.

And since I didn't build this kit I decided for debugging purposes to remove T3 just to make sure it was properly wound ...seems it is IF the windings above are correct?

My goal is to be able to primarily match end fed wires of various lengths (29' 35' 41' or 58') using a counterpoise with PFR3's BLT. Matching a CFZ or OCF balanced antennas aren't planned so much.

SO my question is winding info correct? Are others finding the PFR3's BLT to be working for EF wires with good results?

Thanks again for your guidance, 73 Steve/wGOAT

4943. Re: BLT Question?

Yahoo group: pfr3_group
Date: 2017-11-02 20:54:21 UTC
From: goathiker@...
Topic: 4942 Message: 4943

Does anyone have the measurements for T3 in uH? Such as: 12T = (?) uH, 6T = (?) uH, 2T = (?) uH

Thanks, Steve/wGOAT

4944. Re: [pfr3_group] BLT Question?

Yahoo group: pfr3_group
Date: 2017-11-03 16:38:12 UTC
From: Steven Weber
Topic: 4942 Message: 4944

The turns specified for the BLT is different from the Norcal version because the turns for the Norcal version will not tune to 20M. At least not with the caps and core supplied with the PFR. The winding information is correct.

For the 10,000th time, the tunng of the BLT is very sharp. The two controls are interactive. Your best bet is to practice with a dummy load to find the settings. Once you find the settings, they don't change a whole lot regardless of load, so you can mark them on the panel. I'm not sure of the exact span of loads it can match, but it's pretty broad. I've tried all kinds of random lengths and have matched them all. The LOW-Z setting only works for loads around 50 ohms.

1) set the Load to mid scale.
2) adjust the Tune to peak band noise or signals
3) Disconnect the antenna and hook up your dummy load. If testing the balanced, HI-Z, a 4700 ohm 2-3 watt resistor is good.
4) VERY SLOWLY re-adjust the Tune control untill you see the LED dim, even just a little.
5)Adjust the LOAD to make the LED dim some more.
6)Adjust the TUNE again, but a little bit past when the LED dims. You may have to go up or down and you won't know which way is better until you readjust the LOAD to see if you can make it better or not.
7)Repeat 5 and 6 as many times as needed to make the LED to go out or become very dim.

Folks, My question is the BLT in the PFR3 a different or modified design than the ZM2 or Norcal version for a reason?

Here's what I found on the web for the ZM2 BLT and similar Norcal BLT

Primary: 16T w/CT

Secondaries: 12T for highZ and 6T for low-Z

However in the PFR3 its:

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My goal is to be able to primarily match end fed wires of various lengths (29' 35' 41' or 58') using a counterpoise with PFR3's BLT. Matching a CFZ or OCF balanced antennas aren't planned so much.

SO my question is winding info correct? Are others finding the PFR3's BLT to be working for EF wires with good results?

Thanks again for your guidance, 73 Steve/wGOAT

Virus-free. www.avg.com

4945. Re: [pfr3_group] BLT Question?

Yahoo group: pfr3_group
Date: 2017-11-03 18:28:00 UTC
From: goathiker@...
Topic: 4942 Message: 4945

Tks Steve!

I've a ZM-2 and very aware of the fussy-sharp tuning and the adjust & readjust technique

thanks for spelling it all out ...good ref to print out and mount on bottom of radio ...maybe for next owner!

73, Steve/wGOAT

4948. Re: [pfr3_group] PFR-3B for sale

Yahoo group: pfr3_group
Date: 2017-11-08 13:03:48 UTC
From: Dale Putnam
Topic: 4773 Message: 4948

I will repair, optimize and make a spec sheet this radio.

Have a great day,
--... ...-- Dale - WC7S in Wy

"Actions speak louder than words"
1856 - Abraham Lincoln

_____
From: pfr3_group@yahoogroups.com <pfr3_group@yahoogroups.com> on behalf of transistors56@hotmail.com [pfr3_group] <pfr3_group@yahoogroups.com>
Sent: Tuesday, November 7, 2017 10:10 PM
To: pfr3_group@yahoogroups.com
Subject: [pfr3_group] PFR-3B for sale

Sadly, I'm offering for sale my new Hendricks PFR-3B transceiver.

I purchased it within the last couple of months and had a lot of fun putting it together..

It now seems to have a transmit problem. It receives great...but does NOT transmit. The transceiver is being offered for sale as not working.

It was operating beautifully and was putting out lots of rf. I even had some QSOs with amateurs down in the US. There was what I thought to be a problem with the BLT tuner. I was not happy with it's performance (or lack thereof). In messing around with it, I have now lost my transmit.

The symptom is.....when I power up the rig it receives great but I cannot key it anymore.

I was really looking forward to using this rig but must admit that circumstances in my life right now do not afford me the patience to deal with this glitch.

I'm willing to entertain any reasonable offers on this potentially great little rig.

Please check out my QRZ page where I chronicled part of the build, right up to the point where I was making my first contacts.

4949. Re: [pfr3_group] PFR-3B for sale

Yahoo group: pfr3_group
Date: 2017-11-08 13:43:13 UTC
From: transistors56@...
Topic: 4773 Message: 4949

Good morning Dale. I worked on it and it came back to life. Thanks for your help. Sent you a separate email. 73 de Brent VA3YG

4950. WTB: PFR-3b w/encoder Knob

Yahoo group: pfr3_group
Date: 2017-11-10 17:59:11 UTC
From: goathiker@...
Topic: 4950 Message: 4950

Looking for a FPR3-B with the knob tuning working (or not)
Please contact me at qrp.wg0at@gmail.com
tks ...Steve

4951. Re: [pfr3_group] WTB: PFR-3b w/encoder Knob

Yahoo group: pfr3_group
Date: 2017-11-10 19:45:45 UTC
From: Ed - K9EW
Topic: 4950 Message: 4951

Hi Steve,

I think I still have one, and if I do, you can have it at no charge. I'm won't be home until next week, so can't tell you for certain if it's still on the shelf.

73,
ed - k9ew

On Fri, Nov 10, 2017 at 11:59 AM, goathiker@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Looking for a FPR3-B with the knob tuning working (or not)
>
> Please contact me at qrp.wg0at@...
>
> tks ...Steve
>
>
>

4952. Re: [pfr3_group] WTB: PFR-3b w/encoder Knob

Yahoo group: pfr3_group
Date: 2017-11-11 13:28:10 UTC
From: goathiker@...
Topic: 4950 Message: 4952

Ed, Thanks for your offer! ...Actually I was hoping to find the entire PFR-3b radio (the later model/version with encoder knob) ...I hadn't thought about trying to put an encoder with driver in my existing PFR-3a ...not sure there's room? Have to take a look and see. Might be possible?

Using the existing up/down PBs is just fine for casual OP but when I'm on a SOTA activation and I come up on a band I like to quickly tune up and down the band to see what shape it's in before launching a signal. Using the PBs switches seem a little slow for this purpose. So the knob would be nice feature.

73, Steve/wGOAT

4953. Re: [pfr3_group] WTB: PFR-3b w/encoder Knob

Yahoo group: pfr3_group
Date: 2017-11-11 16:48:34 UTC
From: Ed - K9EW
Topic: 4950 Message: 4953

Hi Steve, Yes I see your point about the tuning rate - makes sense. Mine has the PBs, but if you want to try adding the rotary encoder to it, that sound like a fun project.

Let me know. If you want it, it's yours.

=ed, k9ew

On Sat, Nov 11, 2017 at 7:28 AM, goathiker@... [pfr3_group] <pfr3_group@yahoogroups.com> wrote:

>
>
> Ed, Thanks for your offer! ...Actually I was hoping to find the
> entire PFR-3b radio (the later model/version with encoder knob) ...I
> hadn't thought about trying to put an encoder with driver in my existing
> PFR-3a ...not sure there's room? Have to take a look and see. Might be
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> Using the existing up/down PBs is just fine for casual OP but when I'm on
> a SOTA activation and I come up on a band I like to quickly tune up and
> down the band to see what shape it's in before launching a signal. Using
> the PBs switches seem a little slow for this purpose. So the knob would be
> nice feature.
>
> 73, Steve/wGOAT
>
>
>
>
>

4954. Re: [pfr3_group] WTB: PFR-3b w/encoder Knob

Yahoo group: pfr3_group
Date: 2017-11-12 02:23:53 UTC
From: wb8yyy@...
Topic: 4950 Message: 4954

There is also provision to enter the frequency with the paddle. At least my early model does this. I tend to only need this feature on 40m. Other than this the clock radio style tuning isn't so bad.

Curt

4955. RE: [pfr3_group] WTB: PFR-3b w/encoder Knob

Yahoo group: pfr3_group
Date: 2017-11-12 16:27:01 UTC
From: Steven Weber
Topic: 4950 Message: 4955

It’s not possible to add an encoder to the PFR3a. I had to re-arrange ports and do some things differently to free up the ports needed to add the encoder on the 3B. The 3B uses a different board layout and firmware.

It is possible to add another processor to decode the encoder and to “push” the buttons, but it won’t tune any faster then it would if you held down the button. In fact slower, since you no longer have the fast tune mode by holding the button down.
Steve KD1JV

Ed, Thanks for your offer! ...Actually I was hoping to find the entire PFR-3b radio (the later model/version with encoder knob) ...I hadn't thought about trying to put an encoder with driver in my existing PFR-3a ...not sure there's room? Have to take a look and see. Might be possible?

Using the existing up/down PBs is just fine for casual OP but when I'm on a SOTA activation and I come up on a band I like to quickly tune up and down the band to see what shape it's in before launching a signal. Using the PBs switches seem a little slow for this purpose. So the knob would be nice feature.

73, Steve/wGOAT

4956. RE: [pfr3_group] WTB: PFR-3b w/encoder Knob

Yahoo group: pfr3_group
Date: 2017-11-14 15:08:08 UTC
From: goathiker@...
Topic: 4950 Message: 4956

Steve,

Thanks for the heads up on the encoder not being an option or benefit in my case. Would this also apply to the MTR2/3/5s as well?

I notice on my Tri-Bander the encoder and display play well together. You're right having the bigger steps / faster tuning is a nice feature!

73, Steve/wGOAT

4957. Back to my roots

Yahoo group: pfr3_group
Date: 2017-11-26 19:37:39 UTC
From: l5oshas6exhgwzetglxduilntg5syk5ee2xgf6ap@...
Topic: 4957 Message: 4957

Hi all,

After many MANY years of success (50+) with the hobby and realizing every goal I set, I found recently that my heart was back at square one and I decided to hit the airwaves in qrp mode. I have so many memories of working with low power as a novice in the early 60's where nothing came easy. I know that many of you can relate 110% with what I'm saying.

So I've run into some problems with my new PFR kit. I may draw the line and have someone repair it for me just because I'm too darn busy for my own good but I'm not ready to go there right now.

I've been troubleshooting for quite a few days now. I found that my hands shake a bit more than I want to admit and that my eyesight is fading as well hi hi. Initially I found cold solder joints but no misplaced parts. Inspecting further I found more solder joints that might be questionable and repaired them.

So now when I power up the rig, I get a normal sequence on the LED display, I have sidetone (keying circuit works with a paddle), the encoder changes the frequency displayed, I can adjust the keying speed with the menu button, etc, the volume pot seems to raise and lower the tiny noise I can hear through earphones, but I can't peak receive using an antenna and I have abnormal voltage on U5: Pin 6 is 4.9v and Pin 7 is 4.4v (both 1v low). Additionally, as the radio remains on power for about 60-90 seconds, the tiny noise in the earphones disappears and is replaced with scratchy noise and the keying side tone fades away to nothing and the encoder becomes inconsistent to change the frequency displayed. All other IC voltages are nominal. Powering down and back up again immediately causes the bad behavior to continue, but the tiny noise in the earphones and keying and rotary frequency changing function returns after the unit has been not powered for an hour or more.

Any ideas?

Thanks and 73's
Jim McMasters
km5po

4958. Re: [pfr3_group] Back to my roots

Yahoo group: pfr3_group
Date: 2017-11-27 01:50:56 UTC
From: Steven Weber
Topic: 4957 Message: 4958

Jim,

It sounds like an electrolytic capacitor maybe in backwards, probably one of those around the audio amp, U1. Check them all to be sure. Electrolytics can draw excessive current when backwards and that can cause overheating and odd behavior.

Make sure you have U5 plugged in the correct direction.
Make sure all the pins on the IC sockets are poking through the bottom.

Contiune to look for iffy solder connections and look closely at the magnet wire connections on the toroids.

Usually the problem is in only a few places, but of course, the trick is narrowing it down to those places.

Steve KD1JV
Hi all,

I've been troubleshooting for quite a few days now. I found that my hands shake a bit more than I want to admit and that my eyesight is fading as well hi hi. Initially I found cold solder joints but no misplaced parts. Inspecting further I found more solder joints that might be questionable and repaired them.

So now when I power up the rig, I get a normal sequence on the LED display, I have sidetone (keying circuit works with a paddle), the encoder changes the frequency displayed, I can adjust the keying speed with the menu button, etc, the volume pot seems to raise and lower the tiny noise I can hear through earphones, but I can't peak receive using an antenna and I have abnormal voltage on U5: Pin 6 is 4.9v and Pin 7 is 4.4v (both 1v low). Additionally, as the radio remains on power for about 60-90 seconds, the tiny noise in the earphones disappears and is replaced with scratchy noise and the keying side tone fades away to nothing and the encoder becomes inconsistent to change the frequency displayed. All other IC voltages are nominal. Powering down and back up again immediately causes the bad behavior to continue, but the tiny noise in the earphones and keying and rotary frequency changing function returns after the unit has been not powered for an hour or more.

Any ideas?

Thanks and 73's

Jim McMasters

km5po

4959. Re: Back to my roots

Yahoo group: pfr3_group
Date: 2017-11-27 01:58:42 UTC
From: wb8yyy@...
Topic: 4957 Message: 4959

Jim

Sounds like you may be close. receiver issue could be a coil not properly soldered through insulation or maybe not having settings right on the antenna tuner. Also make sure you don't accidentally have a short somewhere.

Try touching each crystal in case one is not connected.

Maybe Dale can help interpreting the bias voltage.

Curt

4960. Re: [pfr3_group] Celullar interference

Yahoo group: pfr3_group
Date: 2017-12-22 14:41:04 UTC
From: John Overbaugh
Topic: 4891 Message: 4960

Luis, great thinking!

On Sun, Oct 15, 2017 at 7:34 PM, Luis LU4HK lu4hk@hotmail.com [pfr3_group] <
pfr3_group@yahoogroups.com> wrote:

>
>
> already solve cellular interference, replace the output cables to the BNC
> connector by coaxial cable.-
> 72 Luis LU4HK
>
> Descarga Outlook para iOS <https://aka.ms/o0ukef>
>
>
>

4961. Powerpole Connectors

Yahoo group: pfr3_group
Date: 2017-12-26 21:48:38 UTC
From: va3kot@...
Topic: 4961 Message: 4961

After reading the recent post about hooking up the BNC connector with coax, I took a good look inside my radio. I saw the regular hookup wires connecting the BNC connector to the PC. I also saw that the wires between the PCB and the DC power barrel connector were very long and ran quite close to the RF output wires to the BNC. What a perfect little setup for internal RFI problems!

Fix #1 was to replace the regular hookup wires going to the BNC with a short length of RG-174.

Fix #2 was to eliminate the long wires going to the DC barrel connector. Instead I drilled a small hole in the side of the case adjacent to where the DC power connects to the PCB. I then ran the DC power wires through the hole to an Anderson Powerpole connector fixed to the outside of the case. The DC leads are now only a couple of inches long and less likely to pick up stray RF. I prefer Powerpole connectors to barrel connectors anyway.

While studying the inside of my radio, I noticed the internal battery holders are not fuse-protected. I don't usually use the internal batteries anyway because it is a lot of trouble to open the case to replace them and I am sure to lose the screws out in the field. My next mod will be to add internal battery fuse protection - just in case.

Still loving this little radio!
John, VA3KOT

4962. For Sale: PFR3-A

Yahoo group: pfr3_group
Date: 2017-12-31 04:23:19 UTC
From: John Overbaugh
Topic: 4962 Message: 4962
Attachments: 3 described; binary payloads are missing from this source WARC

I'm selling my almost unused PFR3-A. Nothing wrong with it - I'm just looking to clean out the shack a bit and pick up a new rig. The SYL has some idea that our finances are finite, and I just can't convince her that doesn't apply to radio gear!

I built this rig myself a few years back, and Dale Putnam tested it and found it to be at or above factory spec. He has generously offered to extend the warranty to the buyer. I took the CWOps CW Academy a few years back, and the week afterward my work commitments picked up so I've not been able to get on the bands on CW. The PFR has been used to listen on occasion, but it's never left the shack other than for Dale to bench test. I'd consider it brand new, myself ;)

Contact me at k7jto.john@gmail.com to discuss and/or make an offer.

4963. Re: For Sale: PFR3-A

Yahoo group: pfr3_group
Date: 2017-12-31 17:57:38 UTC
From: dennisedeatley@...
Topic: 4962 Message: 4963

Sir,

Is the PFR3-A still for sale?

Respectfully,

Dennis DeAtley

4964. Re: [pfr3_group] Re: For Sale: PFR3-A

Yahoo group: pfr3_group
Date: 2018-01-01 17:25:02 UTC
From: John Overbaugh
Topic: 4962 Message: 4964

Happy New Year! Yes the rig is still available.

On Dec 31, 2017 10:58 AM, "dennisedeatley@... [pfr3_group]" <
pfr3_group@yahoogroups.com> wrote:

>
>
> Sir,
>
> Is the PFR3-A still for sale?
>
> Respectfully,
>
> Dennis DeAtley
>
>

4965. Re: [pfr3_group] Re: For Sale: PFR3-A

Yahoo group: pfr3_group
Date: 2018-01-13 04:13:03 UTC
From: John Overbaugh
Topic: 4962 Message: 4965

Update: PFR3 is still available - I built this rig a few years ago, and subsequently had it bench tested by Dale Putnam. Dale has offered to extend the warranty to the next owner. If you were looking for a PFR3, or considering building it yourself, here's a basically brand-new rig, with known bench specs.

$275 shipped to the continental US (that's the same price as the kit).

On Mon, Jan 1, 2018 at 10:25 AM, John Overbaugh <k7jto.john@...>
wrote:

> Happy New Year! Yes the rig is still available.
>
> On Dec 31, 2017 10:58 AM, "dennisedeatley@... [pfr3_group]" <
> pfr3_group@yahoogroups.com> wrote:
>
>>
>>
>> Sir,
>>
>> Is the PFR3-A still for sale?
>>
>> Respectfully,
>>
>> Dennis DeAtley
>>
>>
>